

**Thursday, 24. April 2025***Networking and Orientation*

08:00 - 09:00

Rhône 1: Pathways Lab (Level Rhône Pasteur)

**Pain and Pastries: ECR - Orientation Session****European Pain Federation EFIC and the 14th Biannual Congress**

08:00 - 08:00

**Welcome from EFIC: A Round of Introductions**

08:00 - 08:15

*Speaker:* Sam Kynman (Bruxelles, Belgium)*Speaker:* Luis Garcia-Larrea (Lyon, France)**EFIC 2025 Congress: Theme, Programme Highlights & Multidisciplinary Sessions**

08:15 - 08:25

*Speaker:* André Mouraux (Louvain-la-Neuve, Belgium)**Focus on Early Career Researchers**

08:25 - 08:25

**Programme Points Highlights: Workshop-adjoint Poster Walks and Poster Prize Sessions**

08:25 - 08:35

*Speaker:* Madeleine Hau (Zurich, Switzerland)*Speaker:* Sabrina Grundtner (Vienna, Austria)**ECR Pain and Pastries Sessions - Pathways Lab and Rising Stars Programme**

08:35 - 08:50

*Speaker:* Kristian Kjær-Staal Petersen (Aalborg, Denmark)*Speaker:* Jan Vollert (Exeter, United Kingdom)**In Conversation with Early Career Researchers**

08:50 - 09:00

*Poster Prize Session*

08:00 - 09:00

Foyer Rhône: ePoster Foyer (Level Rhône Pasteur)

**Poster Prize Presentation Session I: Basic and Translational***Chair:* Thomas Graven-Nielsen (Aalborg, Denmark)*Moderator:* Susanne Becker (Düsseldorf, Germany)*Moderator:* Andrea Bedini (Italy)*Moderator:* Massieh Moayed (Toronto, Canada)*Moderator:* Ipek Yalcin (Strasbourg, France)

I-A.30

**ALTERED GUT MICROBIOME COMPOSITION AND FUNCTION IN INDIVIDUALS WITH COMPLEX REGIONAL PAIN SYNDROME**

08:00 - 08:06

*Poster Presenter:* Amir Minerbi (Rambam, Israel)

III-C.42

**DYNAMICS OF ELECTROENCEPHALOGRAPHIC PEAK ALPHA FREQUENCY IN CAPSAICIN-INDUCED PAIN AND RESOLUTION**

08:06 - 08:12

*Poster Presenter:* Samantha Kathleen Millard (Aalborg, Denmark)

I-A.27

**THE MISMATCH-HYPOTHESIS FOR CHRONIC PAIN - INTEGRATING INSIGHTS FROM ANCIENT, COMPARATIVE AND NEUROIMAGING GENOMICS**

08:12 - 08:18

*Poster Presenter:* Ole Goltermann (Hamburg, Germany)

I-B.14

**CORTICAL EXCITABILITY MEASURED BY EEG APERIODIC EXPONENT SHAPES THE BRAIN'S RESPONSE TO PAINFUL LASER STIMULATION**

08:18 - 08:24

*Poster Presenter:* Dominika Sulcova (Hamburg, Germany)

I-C.35

**INVESTIGATING CORTICOSPINAL EXCITABILITY IN RESPONSE TO EXPERIMENTALLY INDUCED ACUTE PAIN AND ITCH**

08:24 - 08:30

*Poster Presenter:* Bolette Harritsø Winther (Aalborg, Denmark)

I-B.06

**TEMPORAL CONTRAST ENHANCEMENT DURING AUDITORY AND**

08:30 - 08:36

**THERMAL STIMULATION: AN EXPERIMENTAL STUDY***Poster Presenter:* Jakob Pöhlmann (Lübeck, Germany)

II-B2.W.01      **INVESTIGATING THE ROLE OF AFFECTIVE TOUCH BY ROMANTIC PARTNERS IN MODULATING SECONDARY HYPERALGESIA**      08:36 - 08:42

*Poster Presenter:* Márcia da-Silva (Braga, Portugal)

II-A.21      **PREOPERATIVE SUSCEPTIBILITY TO DEVELOPING SECONDARY HYPERALGESIA IS ASSOCIATED WITH POST-THORACOTOMY PAIN AT TWO MONTHS**      08:42 - 08:48

*Poster Presenter:* Solenn Gousset (Brussels, Belgium)

II-C.27      **THE RELATIONSHIP BETWEEN PAIN MODULATION AND PREDICTION ERRORS DURING SECONDARY HYPERALGESIC STATES: A NOVEL VIRTUAL REALITY PROTOCOL**      08:48 - 08:54

*Poster Presenter:* Sonia Medina (Exeter, United Kingdom)

III-A.45      **THE DYNAMIC BALLET OF NAV1.8 TRAFFICKING IN CHRONIC PAIN**      08:54 - 09:00

*Poster Presenter:* Nicolas Dumaire (Saint Louis, United States)*Plenary*

09:00 - 09:30

Auditorium Lumière (Level Lumière)

**Pain Management in Substance use Disorders***Chair:* Dusica Stamenkovic (Belgrade, Serbia)**Pain management in people with substance use disorders**

09:00 - 09:30

*Plenary Speaker:* Patrice Forget (Aberdeen, United Kingdom)*Plenary*

09:30 - 10:00

Auditorium Lumière (Level Lumière)

**Early Life Experiences and Chronic Pain***Chair:* Nadia Malliou (Brussels, Belgium)**Childhood Adversity and Pain: An Intergenerational Problem with Structural Solutions**

09:30 - 10:00

*Plenary Speaker:* Mélanie Noel (Canada)*Plenary*

10:00 - 10:30

Auditorium Lumière (Level Lumière)

**Early-Career Plenary: Pain as a Comorbidity of Mental Health Disorders***Chair:* Sabrina Grundtner (Vienna, Austria)*Chair:* Madeleine Hau (Zurich, Switzerland)**Causal relationships between depression and chronic pain characterised using UK general-population datasets with whole-genome genotyping**

10:00 - 10:15

*Plenary Speaker:* Keira Johnston (United States)**Preclinical research on the neurobiology of depression and its comorbidity with chronic pain**

10:15 - 10:30

*Plenary Speaker:* Léa Becker (United States)*Breaks*

10:30 - 11:00

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**Coffee Break**

## Topical Workshops

11:00 - 12:30

Auditorium Lumière (Level Lumière)

**Too Much or too Little? An Overview of Opioid Epidemics in the World**

Chair: Anne-Priscille Trouvin (Paris, France)

**Do prescribers adhere to the opioid prescription recommendations?  
The French example**

11:00 - 11:21

Speaker: Anne-Priscille Trouvin (Paris, France)

**Epidemiological data (heterogeneity) on opioid use (disorders)  
after surgery**

11:21 - 11:42

Speaker: Patrice Forget (Aberdeen, United Kingdom)

**Analysis of opioid analgesics consumption in Africa: A longitudinal  
study from a 20-year continental perspective**

11:42 - 12:03

Speaker: Yacine Hadjiat (Paris, France)

II-B.07

**TOOL FOR REDUCING INAPPROPRIATE OPIOID USE FOR  
PHYSICIAN, PHARMACIST AND PATIENT (TRIO-3P): FEASIBILITY  
IN PRIMARY CARE**

12:03 - 12:13

Oral Abstract Presenter: Elsemiek Jansen - Groot Koerkamp (Leiden, Netherlands)

**Joint discussion**

12:13 - 12:30

## Topical Workshops

11:00 - 12:30

Forum 1 (Level Forum)

**Understanding and Addressing Health Inequalities in Pain Care: Strategies for Promoting Inclusivity and Mental Health**

Chair: Liesbet Goubert (Ghent, Belgium)

**Gender, Pain and Inequality: A psychosocial exploration of  
disparities**

11:00 - 11:20

Speaker: Edmund Keogh (Bath, United Kingdom)

**On the pains of social standing: Classism and dehumanization in  
chronic pain care**

11:20 - 11:40

Speaker: Sónia Bernardes (Lisbon, Portugal)

**Patient-centered coaching to promote racial equity and shared  
decision-making in chronic pain care**

11:40 - 12:00

Speaker: Adam Hirsh (Indianapolis, United States)

**Bridging Health Disparities and Mental Health: Advancing  
Inclusive Practices in Pain Care**

12:00 - 12:20

Speaker: Liesbet Goubert (Ghent, Belgium)

**Joint discussion**

12:20 - 12:30

## Topical Workshops

11:00 - 12:30

Forum 2 (Level Forum)

**Painful Diabetic Polyneuropathy from Bench to Bedside: Novel Pathophysiological Mechanisms,  
Diagnostic Test-Oriented Stratification, and Mechanisms-Based Therapeutic Challenges**

Chair: Eleonora Galosi (Roma, Italy)

I-C.32

**PHARMACOLOGICAL MODULATION OF PERIPHERAL NERVE  
EXITABILITY - A NOVEL WAY TO INVESTIGATE SODIUM  
CHANNEL SUBTYPES**

11:00 - 11:10

Oral Abstract Presenter: Trine Andresen (Aalborg, Denmark)

**Diagnostic test findings in painful diabetic neuropathy. Do they  
help disclose pain mechanisms?**

11:10 - 11:31

Speaker: Eleonora Galosi (Roma, Italy)

**Pathophysiological mechanisms of pain in diabetic neuropathy.**

11:31 - 11:52

**Translational insights from basic research***Speaker:* Daniela Maria Menichella (Chicago, United States)**Therapeutic options and mechanisms-based treatment perspectives in painful diabetic neuropathy**

11:52 - 12:13

*Speaker:* Xavier Moisset (Clermont-Ferrand, France)**Joint discussion**

12:13 - 12:30

*Masterclass Course*

11:00 - 12:30

Rhône 3AB (Level Rhône Pasteur)

**Clinical Masterclass: Multidisciplinary Approaches to Strengthen Self Management for Patients with Chronic Pain***Chair:* Nadja Nestler (Salzburg, Austria)**Challenges in applying interdisciplinary pain rehabilitation**

11:00 - 11:20

*Speaker:* Albère Köke (Munstergeleen, Netherlands)**Adherence rather than compliance: How physiotherapists promote self-management**

11:20 - 11:40

*Speaker:* Kerstin Luedtke (Lübeck, Germany)**Strengthening of self-management: Nursing approaches in chronic pain therapy**

11:40 - 12:00

*Speaker:* Nadja Nestler (Salzburg, Austria)*Topical Workshops*

11:00 - 12:30

Saint-Claire 3AB (Level Saint-Claire)

**Pain in Human Foetuses and Children: Insights into How Early Life Pain is Experienced and Assessed***Chair:* Camille Fauchon (Clermont-Ferrand, France)**Infant pain assessment tools: past, present, and future perspectives**

11:00 - 11:20

*Speaker:* Judith Kappesser (Gießen, Germany)**Pain in human foetuses? Insights from the obstetrics world and what this could mean for research and care**

11:20 - 11:40

*Speaker:* Lisandra Stein Bernardes (Hjørring, Denmark)**Cracking the code of crying babies: from cries production to pain perception by caregivers**

11:40 - 12:00

*Speaker:* Siloé Corvin (Saint-Etienne, France)**Beyond babies: Pain Assessment in Children and Youth**

12:00 - 12:20

*Speaker:* Christine Chambers (Halifax, Canada)**Joint discussion**

12:20 - 12:30

*Topical Workshops*

11:00 - 12:30

Auditorium Pasteur (Level Rhône Pasteur)

**Exploring the Intersection of the Lived Experience of Depression and Chronic Pain***Chair:* Chris Djurtoft (Aalborg, Denmark)**Outcome Domains for Depression: What Matters to People Living with Depression, Informal Caregivers, and Healthcare Professionals?**

11:00 - 11:21

*Speaker:* Christopher Veal (Paris, France)**Outcome Domains for Chronic Pain: What Matters to People Living with Pain, Informal Caregivers, and Healthcare Professionals?**

11:21 - 11:42

*Speaker:* Chris Djurtoft (Aalborg, Denmark)**Chronic Pain and Mental Health Outcomes: Diagnostic Categories or Dimensions and Processes?**

11:42 - 12:03

Speaker: Lance M. McCracken (Uppsala, Sweden)

II-C.39 **CHRONIC PAIN INTENSITY PREDICTS LONG-TERM DEPRESSIVE DISORDERS IN OLDER COMMUNITY-DWELLERS** 12:03 - 12:13

Poster Presenter: Isabelle Rouch (Saint-Etienne and Bordeaux, France)

**Joint discussion** 12:13 - 12:30

Topical Workshops

11:00 - 12:30

Salon Pasteur (Level Rhône Pasteur)

**Revisiting the Reward System in Pain-Depression Comorbidity: The Role of Perceived Controllability and Uncertainty**

Chair: Wiebke Gandhi (Reading, United Kingdom)

**Inducing depression symptoms following exposure to uncontrollable pain: high reward sensitivity hinders one's ability to cope with lacking control.** 11:00 - 11:25

Speaker: Wiebke Gandhi (Reading, United Kingdom)

**Better safe than sorry: uncertainty downscales reward-induced pain modulation** 11:25 - 11:50

Speaker: Susanne Becker (Düsseldorf, Germany)

**Navigating Uncertainty: Interpretation Bias and Muscle Recruitment Challenges in Recurrent Low Back Pain Patients** 11:50 - 12:15

Speaker: Ali Khatibi (Birmingham, United Kingdom)

**Joint discussion** 12:15 - 12:30

Topical Workshops

11:00 - 12:30

Rhône 2 (Level Rhône Pasteur)

**Make it Happy:**

**Multidisciplinary Datablitz on Chronic Pain Comorbidities and Sex Differences by Early Career Researchers**

Chair: Ginevra Sperandio (Kiel, Germany)

Chair: Vandana Shree Vedartham Srinivasan (Strasbourg, France)

**Introducing the HaPPY project** 11:00 - 11:06

Speaker: Ipek Yalcin (Strasbourg, France)

**A neuropsychobiological stress-triggered signature of pain and comorbidity using data from large longitudinal and clinical samples** 11:06 - 11:12

DataBlitz Presenter: Ginevra Sperandio (Kiel, Germany)

**The archetypes of the human resting state: Evolutionary trade-offs relevant to chronic pain** 11:12 - 11:18

DataBlitz Presenter: Francesco Scarlatti (Mannheim, Germany)

**Susceptibility and resilience factors related to the immune system for chronic pain and its comorbidity: Evidence from animal and human studies** 11:18 - 11:24

DataBlitz Presenter: Anh Cong Tuan Le (Germany)

**Determining the role of locus coeruleus projection to the hippocampus in chronic pain: Focus on sex differences** 11:24 - 11:30

DataBlitz Presenter: Madalena Piteira (Cádiz, Spain)

**Sex differences in chronic pain-relates anxiety: identifying the monosynaptic inputs of the locus coeruleus to basolateral amygdala pathway** 11:30 - 11:36

DataBlitz Presenter: Daniele Fusco (Cádiz, Spain)

**Chronic pain induced depression in a sex-specific fashion: Role of the Anterior Cingulate Cortex** 11:36 - 11:42

*DataBlitz Presenter:* Vandana Shree Vedartham Srinivasan (Strasbourg, France)

**Cannabinoid Cb1 receptor involvement in the beneficial effects of enriched environment in a rat model of neuropathic pain** 11:42 - 11:48

*DataBlitz Presenter:* Annamária Liptáková (Braga, Portugal)

**Investigation of chemotherapy-induced neuropathic pain-related behaviour in male and female rats: a role for the endocannabinoid system** 11:48 - 11:54

*DataBlitz Presenter:* Chiara Di Marino (Galway, Ireland)

**Effect of repeated stress on post-surgical somatosensory hypersensitivity and associated alterations in the endocannabinoid system** 11:54 - 12:00

*DataBlitz Presenter:* Alba-Maria Diego (Galway, Ireland)

**Spinal IL1b signalling mediates chronic stress-induced prolongation of post-surgical hypersensitivity in male rats** 12:00 - 12:06

*DataBlitz Presenter:* Ariadni Bella (Galway, Ireland)

**Rapid Antidepressants and the Circadian system: Molecular, Electrophysiological and behavioral insights in Chronic Pain-Depression comorbidity** 12:06 - 12:12

*DataBlitz Presenter:* Gemma González Hernández (Helsinki, Finland)

**Joint discussion** 12:12 - 12:30

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### I Poster viewing

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### C. Diagnosis & Measurement in Pain

I-C.01 **ORBITOFRONTAL CORTEX ENCODING OF DELAYED GRATIFICATION AND IMPULSIVITY IN NEUROPATHIC PAIN** 12:30 - 12:30

*Poster Presenter:* Mariana Cerqueira-Nunes (Porto, Portugal)

I-C.02 **STRATEGIES FOR MEASURING NON-EVOKED PAIN IN PRECLINICAL MODELS OF NEUROPATHIC PAIN: SYSTEMATIC REVIEW** 12:30 - 12:30

*Poster Presenter:* Miguel Á. Huerta (Granada, Spain)

I-C.03 **A NOVEL CONDITIONAL GENETIC MOUSE MODEL PROVIDES MOLECULAR INSIGHTS INTO INTERVERTEBRAL DISC DEGENERATION AND CHRONIC LOW BACK PAIN** 12:30 - 12:30

I-C.04 **CHARACTERIZATION OF NOCICEPTIVE RESPONSES IN MALE AND FEMALE MICE IN A MODEL OF PARKINSON'S DISEASE** 12:30 - 12:30

*Poster Presenter:* Lucie Mazé (Strasbourg, France)

I-C.05 **THE EFFECT OF A COMBINED CAPSAICIN-DICLOFENAC-CONTAINING TRANSDERMAL THERAPEUTIC SYSTEM (TTS) IN A RAT MODEL OF CHRONIC NEUROPATHIC PAIN AND CHRONIC OSTEOARTHRITIC INFLAMMATORY PAIN** 12:30 - 12:30

*Poster Presenter:* Gábor Pozsgai (Pécs, Hungary)

I-C.06 **DEVELOPMENT OF A CLINICAL DECISION SUPPORT TOOL FOR THE DIAGNOSIS AND MONITORING OF CHRONIC MUSCULOSKELETAL PAIN: A PILOT CASE-CONTROL STUDY** 12:30 - 12:30

*Poster Presenter:* Antoni Oliver Pérez (Girona, Spain)

I-C.07 **PUPILLOMETRY TO EVALUATE DESCENDING NORADRENERGIC** 12:30 - 12:30

### **CONTROLS OF NOCICEPTIVE TRANSMISSION IN AN ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD) MOUSE MODEL**

*Poster Presenter:* Maria-Carmen Medrano (Bordeaux, France)

I-C.08                    **OPTIMIZING GLIAL FIBRILLARY ACIDIC PROTEIN-LUCIFERASE TRANSGENIC REPORTER MOUSE MODEL IN TUMOR NECROSIS FACTOR-ALPHA-INDUCED NEUROINFLAMMATION MODEL**                    12:30 - 12:30

*Poster Presenter:* Ádám István Horváth (Pécs, Hungary)

I-C.09                    **INHIBITION OF MICROGLIA/MACROPHAGES ACTIVATION REDUCES NEUROPATHIC PAIN SYMPTOMS AND INHIBITS MORPHINE TOLERANCE IN MALE BUT NOT FEMALE MICE**                    12:30 - 12:30

*Poster Presenter:* Katarzyna Pawlik (Krakow, Poland)

I-C.10                    **PHARMACOLOGICAL MODULATION OF THE XCL1/XCR1 AND XCL1/ITGA9 AXES DIMINSHES HYPERSENSITIVITY UNDER NEUROPATHIC PAIN - EVIDENCE FROM MICE STUDY**                    12:30 - 12:30

*Poster Presenter:* Agata Ciechanowska (Kraków, Poland)

I-C.11                    **ALLEVIATION EFFECT OF NEUROPATHIC PAIN BY ZEB1 SIRNA ENCAPSULATED PLGA NANOPARTICLES IN RAT SNL MODEL**                    12:30 - 12:30

I-C.12                    **NATURAL LANGUAGE PROCESSING OF REFERRAL LETTERS FOR MACHINE LEARNING-BASED TRIAGING OF PATIENTS WITH LOW BACK PAIN TO THE MOST APPROPRIATE INTERVENTION: RETROSPECTIVE STUDY**                    12:30 - 12:30

*Poster Presenter:* Remko Soer (Groningen, Netherlands)

I-C.13                    **FROM LOCALIZED TO WIDESPREAD: CHARACTERIZING DISTINCT SPATIAL PATTERNS OF PAIN SPREAD BASED ON ANATOMICAL LOCALIZATION AND THEIR ASSOCIATED DIAGNOSES AND SYMPTOMATOLOGY**                    12:30 - 12:30

I-C.14                    **REAL-TIME PAIN DETECTION AND COMPUTER VISION: A MODEL OF PAIN ASSESSMENT THROUGH FACIAL EXPRESSIONS USING ARTIFICIAL INTELLIGENCE**                    12:30 - 12:30

*Poster Presenter:* Federica Monaco (Naples, Italy)

I-C.15                    **MACHINE LEARNING DETECTS SUBCORTICAL VOLUME NORMALIZATION FOLLOWING SURGICAL PAIN RELIEF FOR TRIGEMINAL NEURALGIA**                    12:30 - 12:30

*Poster Presenter:* Jerry Li (Toronto, Canada)

I-C.16                    **INTERPRETATION OF DISCREPANCIES BETWEEN SYMPTOMS AND CLINICAL EXAM FINDINGS IN PATIENTS WITH TEMPOROMANDIBULAR DISORDER**                    12:30 - 12:30

*Poster Presenter:* Ji-won Jang (Pusan, Korea, Republic of)

I-C.17                    **SOMATISATION DIFFERENTIATES FIBROMYALGIA FROM LOW BACK PAIN. A COMPARATIVE, CROSS-SECTIONAL COHORT STUDY**                    12:30 - 12:30

*Poster Presenter:* Thomas Benz (Bad Zurzach, Switzerland)

I-C.18                    **CLASSIFICATION OF PAIN MECHANISMS IN PARKINSON'S DISEASE BASED ON THE IASP GRADING SYSTEM AND THE PARKINSON'S DISEASE PAIN CLASSIFICATION SYSTEM**                    12:30 - 12:30

*Poster Presenter:* Shuhei Ishida (Izumo, Japan)

I-C.19                    **CONTRIBUTION OF NOCIPLASTIC PAIN IN FIBROMYALGIA COMPARED TO COMPLEX REGIONAL PAIN SYNDROME: FINDINGS FROM DIAGNOSTIC FLOWCHART ANALYSIS**                    12:30 - 12:30

I-C.20                    **DYSFUNCTION OF CENTRAL PAIN PATHWAY IS MAIN REASON FOR CHRONIC LOW BACK PAIN**                    12:30 - 12:30

I-C.21                    **OBJECTIVE MEASUREMENT OF PHYSICAL ACTIVITY PATTERNS**                    12:30 - 12:30

**IN CHRONIC PAIN***Poster Presenter:* Annet Doomen (Utrecht, Netherlands)

I-C.22                    **ARE THERE ANY DIFFERENCES IN PAIN THRESHOLDS DURING MENSTRUAL CYCLE?**                    12:30 - 12:30

*Poster Presenter:* Aleksandra Savic (Novi Sad, Serbia)

I-C.23                    **CLINICAL APPLICATION OF THE N13 SOMATOSENSORY EVOKED POTENTIALS IN COMPLEX REGIONAL PAIN SYNDROME**                    12:30 - 12:30

*Poster Presenter:* Florin Allmendinger (Zurich, Switzerland)

I-C.24                    **"HOW SHOULD SHOULDER PAIN BE LABELED?" THE PERSPECTIVE OF SHOULDER EXPERTS. A QUALITATIVE STUDY**                    12:30 - 12:30

*Poster Presenter:* Matteo Cioeta (Campobasso, Italy)

I-C.25                    **IDENTIFICATION OF A CLINICAL PATTERN IN PATIENTS WITH CHRONIC PELVIC PAIN: AN OBSERVATIONAL STUDY**                    12:30 - 12:30

*Poster Presenter:* Chloé Thibault (Valencia, Spain)

I-C.26                    **GUT DYSBIOSIS IN PATIENTS WITH CHRONIC PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS**                    12:30 - 12:30

*Poster Presenter:* Lisa Goudman (Brussels, Belgium)

I-C.27                    **ROLE OF ENDOCANNABINOIDS AND CATECHOLAMINES DURING CONDITIONED PAIN MODULATION, HYPNOSIS-INDUCED AND PLACEBO ANALGESIA**                    12:30 - 12:30

*Poster Presenter:* Matthieu Vincenot (Sherbrooke, Canada)

I-C.28                    **THE EFFECT OF PROLONGED ISCHEMIA AND ANESTHETIC AGENTS ON OXIDATIVE STRESS PARAMETERS, POSTOPERATIVE PAIN, AND POSTOPERATIVE ANALGESIA REQUIREMENT**                    12:30 - 12:30

*Poster Presenter:* Ilknur Suidiye Yorulmaz (Duzce, Turkey)

I-C.29                    **IMMUNE PROFILING IN CHRONIC NEUROPATHIC PAIN: INSIGHTS FROM MASS CYTOMETRY AND CLINICAL CORRELATIONS**                    12:30 - 12:30

*Poster Presenter:* Natalia Malek (Wroclaw, Poland)

I-C.30                    **MEMORY OF PAIN AND ASSOCIATED CONTEXT IN AN IMMERSIVE VIRTUAL REALITY PROTOCOL**                    12:30 - 12:30

*Poster Presenter:* Maud Frot (Lyon, France)

I-C.31                    **EFFECTS OF DULOXETINE HYDROCHLORIDE ON CONDITIONED PAIN MODULATION, TEMPORAL SUMMATION OF PAIN, AND OFFSET ANALGESIA IN HEALTHY VOLUNTEERS**                    12:30 - 12:30

*Poster Presenter:* Yuka Oono (Sakado, Saitama, Japan)

I-C.32                    **PHARMACOLOGICAL MODULATION OF PERIPHERAL NERVE EXITABILITY - A NOVEL WAY TO INVESTIGATE SODIUM CHANNEL SUBTYPES**                    12:30 - 12:30

*Oral Abstract Presenter:* Trine Andresen (Aalborg, Denmark)

I-C.33                    **INVESTIGATING OFFSET ANALGESIA THROUGH PUPILLOMETRY: CAN PUPIL RESPONSE REFLECT ANALGESIC EFFECTS?**                    12:30 - 12:30

*Poster Presenter:* Anna Leonhartsberger (Zurich, Switzerland)

I-C.34                    **BEYOND NOCICEPTION: TOWARD AN UNDERSTANDING OF THE NETWORKS UNDERLYING THE UNPLEASANTNESS INHERENT TO PAIN PERCEPTION**                    12:30 - 12:30

*Poster Presenter:* Juliette Gélébart (Bron, France)

I-C.35                    **INVESTIGATING CORTICOSPINAL EXCITABILITY IN RESPONSE TO EXPERIMENTALLY INDUCED ACUTE PAIN AND ITCH**                    12:30 - 12:30

*Poster Presenter:* Bolette Harritsø Winther (Aalborg, Denmark)

I-C.36                    **INVESTIGATING DIFFERENT NEURAL RESPONSES DURING**                    12:30 - 12:30



**EXPERIMENTAL ACUTE PAIN AND ITCH USING TRANSCRANIAL  
MAGNETIC STIMULATION COMBINED WITH  
ELECTROENCEPHALOGRAPHY**

*Poster Presenter:* Alessandro Giannotta (Camerino, Italy)

I-C.37                    **THE ROLE OF TESTOSTERONE FOR ENDOGENOUS PAIN  
MODULATION AND SENSORY PROFILES IN MEN (THE  
TESTOSENSE TRIAL)**                    12:30 - 12:30

*Poster Presenter:* Christoph Matthias Schäfer (Münster, Germany)

I-C.38                    **INTERACTION BETWEEN THE NOCICEPTIVE AND  
CARDIOVASCULAR SYSTEM IN HEALTHY PARTICIPANTS**                    12:30 - 12:30

*Poster Presenter:* Joëlle Katharina Metzger (Zurich, Switzerland)

I-C.39                    **CHARACTERIZATION OF EXPERIMENTAL KNEE PAIN IN  
HEALTHY SUBJECTS**                    12:30 - 12:30

*Poster Presenter:* Emma Hertel (Aalborg, Denmark)

I-C.40                    **EFFECTS OF SUPPRESSED MOTOR RESPONSES ON NEURAL PAIN  
SIGNATURES**                    12:30 - 12:30

*Poster Presenter:* Lars Keuter (Hamburg, Germany)

I-C.41                    **SPATIAL AND TEMPORAL SUMMATION ON HISTAMINERGIC AND  
NON-HISTAMINERGIC ITCH**                    12:30 - 12:30

*Poster Presenter:* Giulia Erica Aliotta (Gistrup, Denmark)

I-C.42                    **BEHAVIOURAL CORRELATES OF SPATIOTEMPORAL THREAT  
PERCEPTION IN TONIC PAIN STATES**                    12:30 - 12:30

*Poster Presenter:* Danielle Hewitt (Oxford, United Kingdom)

I-C.43                    **NO GENDER DIFFERENCES IN PAIN INTENSITY, THRESHOLD,  
AND TOLERANCE AMONG RECREATIONAL ENDURANCE  
ATHLETES**                    12:30 - 12:30

*Poster Presenter:* Nemanja Radovanovic (Belgrade, Serbia)

I-C.44                    **LONGITUDINAL EEG MARKERS OF THE INTENSITY OF  
NEUROPATHIC PAIN: A HOME-BASED PILOT STUDY**                    12:30 - 12:30

*Poster Presenter:* Aleksandra Vuckovic (Glasgow, United Kingdom)

I-C.45                    **BRIDGING THE GAP: A SYSTEMATIC REVIEW OF STATISTICAL  
METHODS IN GENDER-BASED NOCIPLASTIC PAIN RESEARCH**                    12:30 - 12:30

*Poster Presenter:* Sebastián Eustaquio Martín Pérez (Santa Cruz de Tenerife, Spain)

I-C.46                    **COMPREHENSIVENESS AND VALIDITY OF A MULTIDIMENSIONAL  
ASSESSMENT OF PATIENTS WITH FIBROMYALGIA: A  
PROSPECTIVE COHORT STUDY**                    12:30 - 12:30

*Poster Presenter:* Thomas Benz (Bad Zurzach, Switzerland)

I-C.47                    **PAIN ASSESSMENT IN IMPAIRED COGNITION 15 (PAIC15)  
OBSERVATION SCALE IN PERSONS WITH APHASIA: VALIDITY  
AND RELIABILITY**                    12:30 - 12:30

*Poster Presenter:* Wilco Achterberg (Leiden, Netherlands)

*Posters*

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

**D. Pain Therapies**

I-D.01                    **INTEGRATIVE KOREAN MEDICINE TREATMENT FOR PATIENTS  
WITH FIBROMYALGIA: A PROSPECTIVE OBSERVATIONAL STUDY**                    12:30 - 12:30

*Poster Presenter:* Sung-A Kim (Seoul, Korea, Republic of)

I-D.02                    **COMPARATIVE EFFECT OF ACUPUNCTURE RELATED TO USUAL  
CARE IN PATIENTS WITH CHRONIC LOW BACK PAIN: A  
SYSTEMATIC REVIEW OF THE LITERATURE**                    12:30 - 12:30

*Poster Presenter:* Spyridon Sotiropoulos (Athens, Greece)

|        |  |               |
|--------|--|---------------|
| I-D.03 | <b>MECHANISMS OF ELECTROACUPUNCTURE AND PREGABALIN ATTENUATE NEUROPATHIC PAIN AND REPAIR ULTRASTRUCTURE DAMAGE IN A RAT MODEL OF BRACHIAL PLEXUS NEURALGIA</b>   | 12:30 - 12:30 |
| I-D.04 | <b>THE VALUE OF THE OSTEOPATHIC APPROACH IN SUPPORTING WOMEN SUFFERING FROM ENDOMETRIOSIS</b><br><i>Poster Presenter:</i> Pauline Metzmaeker (Bruxelles, Belgium)  | 12:30 - 12:30 |
| I-D.05 | <b>LOW BACK PAIN IN PARKINSON'S DISEASE PATIENTS: AN OSTEOPATHIC MANAGEMENT AND BALANCE'S IMPACT</b><br><i>Poster Presenter:</i> Sara Sánchez Mjaouel (Brussels, Belgium)  | 12:30 - 12:30 |
| I-D.07 | <b>EMPOWERING PATIENTS THROUGH THE INTRODUCTION OF PRE-PROCEDURE EDUCATIONAL VIDEO CONTENT IN THE PAIN CLINIC</b><br><i>Poster Presenter:</i> Thomas Gower (Gillingham, United Kingdom)  | 12:30 - 12:30 |
| I-D.08 | <b>EXAMINING THE TYPE, QUALITY, AND CONTENT OF WEB-BASED INFORMATION FOR PEOPLE WITH CHRONIC PAIN INTERESTED IN SPINAL CORD STIMULATION: SOCIAL LISTENING STUDY</b><br><i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)                       | 12:30 - 12:30 |
| I-D.09 | <b>SENECA - NEW THERAPIES FOR THE MULTIMODAL TREATMENT OF CHRONIC LOW BACK PAIN (CLBP) USING AURICULAR VAGUS NERVE STIMULATION (AVNS) AND DIGITAL THERAPY MANAGEMENT</b><br><i>Poster Presenter:</i> Rudolf Likar (Klagenfurt, Austria)                | 12:30 - 12:30 |
| I-D.10 | <b>EFFECTIVENESS OF ONLINE PAIN MANAGEMENT PROGRAMS ON IMPROVING PAIN SELF-EFFICACY AND KINESIOPHOBIA: A SYSTEMATIC REVIEW AND META-ANALYSIS</b><br><i>Poster Presenter:</i> Tania Gardner (Sydney, Australia)   | 12:30 - 12:30 |
| I-D.11 | <b>FROM 'HEADEGGS' TO 'LOS CABEZUDOS': SPANISH TRANSLATION, CULTURAL ADAPTATION, AND EFFECTIVENESS OF AN EDUCATIONAL HEADACHE WEBSITE</b><br><i>Poster Presenter:</i> Adrián Fernández-González (Málaga, Spain)  | 12:30 - 12:30 |
| I-D.12 | <b>VIRTUAL REALITY APPLICATION FOR ENHANCING COMMUNICATION SKILLS OF PHYSIOTHERAPY STUDENTS IN CHRONIC MUSCULOSKELETAL PAIN MANAGEMENT</b><br><i>Poster Presenter:</i> Konstantina Savvoulidou (Lamia, Greece)   | 12:30 - 12:30 |
| I-D.13 | <b>UNLOCKING THE GENETICS OF CHRONIC PAIN IN ONCOLOGY PATIENTS WITH MACHINE LEARNING APPROACHES: A MULTIDISCIPLINARY PROTOCOL DEVELOPMENT</b><br><i>Poster Presenter:</i> Irene Kouroukli (Athens, Greece)   | 12:30 - 12:30 |
| I-D.15 | <b>COOPERATIVE WORK BETWEEN CLINICAL NURSES AND DOCTORS FOR THE PAIN MANAGEMENT OF HOSPITAL CONSULTATION REFERRALS AT CENTRE HOSPITALIER DE L'UNIVERSITÉ DE MONTRÉAL (CHUM)</b><br><i>Poster Presenter:</i> Grisell Vargas-Schaffer (Montreal, Canada) | 12:30 - 12:30 |
| I-D.16 | <b>TRANSDISCIPLINARY THREE-MONTH COMPLEX CHRONIC PAIN MANAGEMENT PROGRAMME AND ONE-YEAR FOLLOW-UP STUDY, ALONG WITH A SUMMARY OF THE RESULTS</b><br><i>Poster Presenter:</i> Bernadett Toth-Kuthy (Budapest, Hungary)                                  | 12:30 - 12:30 |
| I-D.17 | <b>ARNOLD-CHIARI SYNDROME (A CASE REPORT)</b><br><i>Poster Presenter:</i> Sanja Vickovic (Novi Sad, Serbia)  | 12:30 - 12:30 |
| I-D.18 | <b>EXTERNAL VALIDATION OF FOUR MODELS PREDICTING TREATMENT SUCCESS AFTER INTERDISCIPLINARY MULTIMODAL PAIN TREATMENT</b>   | 12:30 - 12:30 |

*Poster Presenter:* Michel GCAM Mertens (Maastricht, Netherlands)

I-D.19                    **EFFICACY OF A PAIN NEUROSCIENCE EDUCATION LECTURE TO 7<sup>TH</sup> AND 8<sup>TH</sup> GRADE STUDENTS**                    12:30 - 12:30

*Poster Presenter:* Ana Sousa (Coimbra, Portugal)

I-D.20                    **FUNCTION AND PAIN IMPROVEMENT IN HEMOPHILIC ARTHROPATHIA ON REHABILITATION PROGRAM (RP) IN ESTONIA IN KURESSAARE. THE FEEDBACK FROM PATIENTS**                    12:30 - 12:30

*Poster Presenter:* Ines Vaide (Tartu, Estonia)

I-D.21                    **REACHING CONSENSUS ON THE CONTENT OF A BIOPSYCHOSOCIAL REHABILITATION PROGRAMME IN CHRONIC LOW BACK PAIN - CHECKLIST: A DELPHI STUDY**                    12:30 - 12:30

*Poster Presenter:* Dries Ceulemans (Gent, Belgium)

I-D.22                    **EVALUATION OF 'PAIN RETRAINED'- AN INTERDISCIPLINARY ONLINE PAIN EDUCATION PROGRAMME**                    12:30 - 12:30

*Poster Presenter:* Maura McCarron (Belfast, United Kingdom)

I-D.23                    **PERSPECTIVES AND PRIORITIES FOR ENDOMETRIOSIS MULTIDISCIPLINARY TEAM CARE IN AUSTRALIA: A QUALITATIVE MIXED-METHODS STUDY INVOLVING PATIENTS, CAREGIVERS AND HEALTH PROFESSIONALS**                    12:30 - 12:30

*Poster Presenter:* Sarah Holdsworth-Carson (Melbourne, Australia)

I-D.24                    **TREATMENT RESPONSE: ADVERSE CHILDHOOD EXPERIENCES AND MULTIDISCIPLINARY PAIN REHABILITATION**                    12:30 - 12:30

*Poster Presenter:* Frida Palsdottir (Akureyri, Iceland)

I-D.25                    **HEALTHCARE UTILIZATION AND RESOURCE DISTRIBUTION BEFORE AND AFTER INTERDISCIPLINARY PAIN REHABILITATION IN PRIMARY CARE**                    12:30 - 12:30

*Poster Presenter:* Katarina Eklund (Umeå, Sweden)

I-D.26                    **HELPING ADOLESCENTS RIDE THE WAVES OF SEVERE DYSMENORRHOEA WITH CONFIDENCE AND KNOWLEDGE: PRESENTATION OF A NOVEL THERAPEUTIC EDUCATION PROGRAMME FOR ADOLESCENTS**                    12:30 - 12:30

*Poster Presenter:* Agnes Suc (Toulouse, France)

I-D.27                    **ASKING SPANISH ADOLESCENTS ABOUT THEIR PAIN-RELATED NEEDS: A STUDY WITH FOCUS GROUPS**                    12:30 - 12:30

*Poster Presenter:* Adrián Fernández-González (Málaga, Spain)

I-D.30                    **IS THERE A NEED FOR PEER-EDUCATION IN INTERDISCIPLINARY MULTIMODAL PAIN THERAPY (IMPT)? RESULTS OF FOCUS GROUP INTERVIEWS WITH CHRONIC PAIN PATIENTS**                    12:30 - 12:30

*Poster Presenter:* Jochen Oeltjenbruns (St.Gallen, Switzerland)

I-D.31                    **CONNECTING PAIN TRAJECTORIES AND YOUTH PAIN CARE JOURNEY NARRATIVES WITH AN EXPLANATORY SEQUENTIAL MIXED METHODS DESIGN**                    12:30 - 12:30

*Poster Presenter:* Alexandra Neville (Palo Alto, United States)

I-D.33                    **TO IMPROVE ACCESS TO INTRATHECAL THERAPY FOR CANCER PAIN SFETD'S ONLINE TOOLBOX EXPLAINING OFFICIAL GUIDELINES HAS BEEN TRANSLATED INTO ENGLISH**                    12:30 - 12:30

*Poster Presenter:* Virginie Guastella (Clermont-Ferrand, France)

I-D.34                    **PSOAS COMPARTMENT BLOCK FOR EMERGENCY HIP REPLACEMENT SURGERY - CASE REPORT**                    12:30 - 12:30

*Poster Presenter:* Vakhtang Shoshiashvili (Tbilisi, Georgia)

I-D.35                    **SPONTANEOUS INTRACRANIAL HYPOTENSION - THE ROLE OF A "LOW VOLUME" EPIDURAL BLOOD PATCH - A CASE REPORT**                    12:30 - 12:30

Poster Presenter: Jana Šimonová (Košice, Slovakia)

I-D.36 **BOTULINUM TOXIN A FOR PAIN MANAGEMENT IN STIFF PERSON SYNDROME** 12:30 - 12:30

Poster Presenter: Aleksandr Peshkin (Moscow, Russian Federation)

I-D.37 **ULTRASOUND-GUIDED INTERCOSTAL BLOCK FOR THE MANAGEMENT OF INTERCOSTAL NEURALGIA IN PREGNANT WOMEN** 12:30 - 12:30

Poster Presenter: Laura Tascón Padrón (Bonn, Germany)

I-D.38 **THE COMPARISON OF TACTILE DISCRIMINATION TRAINING AND OCULOMOTOR EXERCISES IN PEOPLE WITH CHRONIC NECK PAIN** 12:30 - 12:30

I-D.39 **THE EFFECTIVENESS OF THORACIC SPINE MANIPULATION ON THORACIC SPINE PAIN** 12:30 - 12:30

Poster Presenter: Jani Takatalo (Oulu, Finland)

I-D.40 **THIRD WAVE PSYCHOLOGICAL THERAPIES AND THE MANAGEMENT OF CHRONIC LOW BACK PAIN: A SCOPING REVIEW** 12:30 - 12:30

Poster Presenter: Doré Young (Manchester, United Kingdom)

I-D.41 **THE INTERRELATIONS OF PAIN AND CULTURAL FACTORS ON COGNITIVE TASK PERFORMANCE IN VASCULAR DEMENTIA** 12:30 - 12:30

Poster Presenter: Rimsha Taqdees (Wolverhampton, United Kingdom)

I-D.42 **INTRADISCAL PULSED RADIOFREQUENCY PLUS PLATELET-RICH PLASMA FOR CHRONIC DISCOGENIC PAIN** 12:30 - 12:30

Poster Presenter: Mauricio Polanco-García (Barcelona, Spain)

I-D.43 **EFFICACY OF INVASIVE TECHNIQUES FOR CHRONIC SHOULDER PAIN IN OUR PAIN UNIT** 12:30 - 12:30

I-D.44 **THE MEASUREMENT THE EPIDURAL SPACE DISTANCE BASED ON MRI DATA FOR BETTER SAFETY OF INTERLAMINAR STEROID INJECTIONS** 12:30 - 12:30

Poster Presenter: Irina Sharinova (Moscow, Russian Federation)

I-D.46 **ULTRASOUND GUIDED MAXILLARY NERVE BLOCKS AS A RESCUE THERAPY FOR POST GASSERIAN GANGLION RADIOFREQUENCY ABLATION PAIN** 12:30 - 12:30

Poster Presenter: Yun Hao Leong (Singapore, Singapore)

I-D.47 **CONTINUOUS PERICAPSULAR NERVE GROUP (PENG) BLOCK INFUSION FOR PAIN CONTROL IN A PATIENT WITH SUPERIOR AND INFERIOR PELVIC RAMI FRACTURES: A CASE REPORT** 12:30 - 12:30

Poster Presenter: Jacklyn Yek (Singapore, Singapore)

I-D.48 **WHAT IF IT HURTS? PHYSICAL ACTIVITY BEFORE AND AFTER BACK SURGERY: A QUALITATIVE STUDY** 12:30 - 12:30

Poster Presenter: Heidi Tegner (Glostrup, Denmark)

I-D.49 **THE EFFICACY OF INTRA ARTICULAR SHOULDER INJECTION VERSES COMBINED SUPRASCAPULAR AND AXILLARY NERVE BLOCK FOR ADHESIVE CAPSULITIS: A DOUBLE-BLIND RANDOMIZED CONTROL TRIAL** 12:30 - 12:30

Poster Presenter: Waqas Ashraf Chaudhary (Lahore, Pakistan)

I-D.51 **ULTRASOUND-GUIDED ERECTOR SPINAE PLANE BLOCK FOR PAIN RELIEF IN PATIENTS WITH CHRONIC THORACIC HERPES ZOSTER** 12:30 - 12:30

Poster Presenter: Ümit Akkemik (Eskişehir, Turkey)

I-D.52 **USE OF ULTRASOUND-GUIDED SUPRASCAPULAR NERVE (SSN)** 12:30 - 12:30

### **BLOCK IN THE SELECTION OF PATIENTS FOR RADIOFREQUENCY ABLATION - PRELIMINARY RESULTS**

*Poster Presenter:* Grisell Vargas-Schaffer (Montreal, Canada)

I-D.54                    **ANGIOGRAPHIC EVALUATION OF VESSEL STAINING AND INTERVENTION EFFICACY IN PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME**                    12:30 - 12:30

I-D.55                    **PATIENT SATISFACTION WITH SINGLE-SHOT SPINAL ANALGESIA FOR LABOR**                    12:30 - 12:30

*Poster Presenter:* Nermin Ismić (Sarajevo, Bosnia and Herzegovina)

I-D.56                    **NEW INDICATIONS□UNPAIRED GANGLION BLOCK PROVIDES ANALGESIA FOR CANCER AND TRAUMATIC PAIN OF THE PUBIC, SCIATIC, AND ACETABULAR BONES, A CASE SERIES**                    12:30 - 12:30

*Poster Presenter:* Toshifumi Kosugi (Saga, Japan)

I-D.57                    **VIRTUAL REALITY FOR ANALGESIA FOR SPINE SURGERYI IN ADOLESCENTS: A PROSPECTIVE RANDOMIZED OPEN-LABEL STUDY**                    12:30 - 12:30

*Poster Presenter:* Servane Legoas Uguen (Toulouse, France)

I-D.58                    **RETROSPECTIVE STUDY OF SERRATUS POSTERIOR SUPERIOR INTERCOSTAL PLAN BLOCK IN PATIENTS WITH MYOFASCIAL PAIN SYNDROME IN THE LOWER NECK AND BACK REGION**                    12:30 - 12:30

*Poster Presenter:* Humay Ismayilzada (Ankara, Turkey)

I-D.59                    **INTERPEDICULAR APPROACH IN PERCUTANEOUS SACROPLASTY FOR TREATING PAIN DUE TO DIRECT INVASION OF RECTAL CANCER INTO THE S3 BODY: A CASE REPORT**                    12:30 - 12:30

*Poster Presenter:* Jinseok Yeo (Daegu, Korea, Republic of)

I-D.60                    **EFFECTS OF LUMBAR FACET NERVE BLOCK ON BACK PAIN, POSTURAL SWAY AND HEALTH RELATED QUALITY OF LIFE, IN PATIENTS WITH CHRONIC BACK PAIN**                    12:30 - 12:30

*Poster Presenter:* Hannu Heikkilä (Pori, Finland)

I-D.61                    **A PROSPECTIVE STUDY OF PREDICTIVE FACTORS INFLUENCING THE EFFECTIVENESS OF INTERLAMINAR EPIDURAL INFILTRATION IN THE MANAGEMENT OF SCIATICA DUE TO LUMBAR DISC HERNIATION**                    12:30 - 12:30

*Poster Presenter:* Joseph Maarrawi (Beirut, Lebanon)

I-D.62                    **EVALUATING THE EFFICACY OF EMERGENCY DEPARTMENT FEMORAL NERVE BLOCKS FOR PAIN MANAGEMENT IN PAEDIATRIC FEMORAL FRACTURES AT ALDER HEY CHILDREN'S HOSPITAL**                    12:30 - 12:30

*Poster Presenter:* Eliza Rodgus (Liverpool, United Kingdom)

I-D.63                    **ACUTE PAIN SERVICE NEEDS AND INTERVENTION IN A MAJOR TRAUMA CENTRE: A 1 YEAR RETROSPECTIVE OBSERVATIONAL STUDY**                    12:30 - 12:30

*Poster Presenter:* Aoife Murray (Cork, Ireland)

I-D.64                    **SACROPLASTY IN-LEU-OF SURGICAL FIXATION FOR INSUFFICIENCY FRACTURE IN THE MEDICALLY COMPLEX PATIENT LEADING TO SIGNIFICANT PAIN RELIEF AND IMPROVEMENT IN FUNCTIONAL STATUS**                    12:30 - 12:30

*Poster Presenter:* David Gutierrez (Farmington, United States)

I-D.66                    **ATELOCOLLAGEN VS. PROLOTHERAPY IN PARTIAL-THICKNESS SUPRASPINATUS TEARS: A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL WITH MRI-CONFIRMED OUTCOMES**                    12:30 - 12:30

*Poster Presenter:* Joon Hee Lee (Seongnamsi, Korea, Republic of)

I-D.67                    **ULTRASOUND-GUIDED RADIOFREQUENCY ABLATION OF THE**                    12:30 - 12:30

**GENICULAR NERVES: AN INNOVATIVE NON-OPERATIVE TREATMENT FOR KNEE OSTEOARTHRITIS**

*Poster Presenter:* Jasmin Nurković (Novi Pazar, Serbia)

I-D.68                    **ULTRASOUND GUIDED BLOCKADE OF THE ADDUCTOR CANAL WITH A LOCAL ANESTHETIC REDUCES PAIN AND IMPROVES KNEE INJURY AND OSTEOARTHRITIS OUTCOME SCORE IN THE KNEE OSTEOARTHRITIS**                    12:30 - 12:30

*Poster Presenter:* Boris Rijavec (Ljubljana, Slovenia)

I-D.70                    **TRANSCRANIAL MAGNETIC STIMULATION WITH EEG-BASED CONNECTIVITY TO IDENTIFY RESPONDERS TO RTMS TREATMENTS - A FEASIBILITY PILOT STUDY**                    12:30 - 12:30

*Poster Presenter:* Enrico De Martino (Aalborg, Denmark)

I-D.71                    **PRE-SLEEP ALPHA BRAIN ENTRAINMENT BY AUDIO OR VISUAL STIMULATION FOR PAIN AND SLEEP DISTURBANCE IN FIBROMYALGIA: A SHAM-CONTROLLED RANDOMISED CROSSOVER FEASIBILITY TRIAL**                    12:30 - 12:30

*Poster Presenter:* Stephen Halpin (Leeds, United Kingdom)

I-D.72                    **CHALLENGES WITH REPLACING THE INTRATHECAL DRUG DELIVERY SYSTEM: A CASE SERIES**                    12:30 - 12:30

I-D.73                    **SAFETY AND FEASIBILITY OF ANTERIOR CINGULATE AND THALAMUS DEEP BRAIN STIMULATION IN NEUROPATHIC PAIN**                    12:30 - 12:30

*Poster Presenter:* Denys Fontaine (Nice, France)

I-D.74                    **THETA BURST STIMULATION OVER THE RIGHT TEMPORO-PARIETAL JUNCTION MODULATES PAIN PERCEPTION IN BORDERLINE PERSONALITY DISORDER**                    12:30 - 12:30

*Poster Presenter:* Annette Löffler (Aachen, Germany)

I-D.75                    **ANALGESIC EFFICACY OF NON-INVASIVE NEUROMODULATION TECHNIQUES IN CHRONIC CANCER PAIN: A SYSTEMATIC REVIEW**                    12:30 - 12:30

*Poster Presenter:* Solène Grenouillet (Saint-Etienne, France)

I-D.76                    **NDMC SHOWS EFFICACY IN A PHASE IIA TRIAL IN CHRONIC NEUROPATHIC PATIENTS**                    12:30 - 12:30

*Poster Presenter:* Jules Desmeules (Geneva, Switzerland)

I-D.77                    **LONG-TERM EFFECTS OF A MILLIMETER-WAVE NEUROMODULATION DEVICE ON QUALITY OF LIFE AND IMPRESSION OF CHANGE IN USERS WITH FIBROMYALGIA**                    12:30 - 12:30

I-D.79                    **EFFECT OF TRANSAURICULAR VAGAL NERVE STIMULATION ON PAIN AND CARDIOCEPTION IN HEALTHY INDIVIDUALS**                    12:30 - 12:30

*Poster Presenter:* Laura De Herde (Aalborg, Denmark)

I-D.80                    **TRANSCUTANEOUS AURICULAR VAGUS NERVE STIMULATION MODULATES MASSETER MUSCLE ACTIVITY, PAIN PERCEPTION, AND ANXIETY LEVELS IN UNIVERSITY STUDENTS: A DOUBLE-BLIND, RANDOMIZED, CONTROLLED CLINICAL TRIAL**                    12:30 - 12:30

I-D.81                    **MODULATING PAIN USING SENSORY ENTRAINMENT OF SOMATOSENSORY ALPHA ACTIVITY**                    12:30 - 12:30

*Poster Presenter:* Nicolò Bruna (Munich, Germany)

I-D.82                    **PROTOCOL FOR THE USE OF MULTI-MODAL IMAGING TO GUIDE DEEP BRAIN STIMULATION FOR CHRONIC POST-STROKE PAIN**                    12:30 - 12:30

*Poster Presenter:* Rachel Crockett (Oxford, United Kingdom)

I-D.83                    **INTRATHECAL PUMP THERAPY IN CANCER PATIENTS: PRELIMINARY RESULTS FROM A MULTICENTER STUDY**                    12:30 - 12:30

*Poster Presenter:* Susana Almenara (Madrid, Spain)

I-D.84 **IMPACT OF TDCS ON NEURAL PROCESSING OF FACIAL EXPRESSIONS IN INDIVIDUALS WITH FIBROMYALGIA: AN EVENT-RELATED POTENTIAL ANALYSIS** 12:30 - 12:30

*Poster Presenter:* Behzad Sani (Palma de Mallorca, Spain)

I-D.85 **HEMODYNAMIC CHANGES INDUCED BY TDCS: IMPACTS ON CEREBRAL PERFUSION AND TECHNIQUE SAFETY** 12:30 - 12:30

*Poster Presenter:* Marta Delgado-Bitata (Palma de Mallorca, Spain)

I-D.86 **THE IMPACT OF LOW-LEVEL LASER ON THE SENESCENCE AND OXIDATIVE STRESS OF HUMAN ADIPOSE TISSUE-DERIVED MESENCHYMAL STEM CELLS** 12:30 - 12:30

*Poster Presenter:* Jasmin Nurković (Novi Pazar, Serbia)

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### A. Pain Syndromes

I-A.01 **EVALUATING THE ANALGESIC POTENTIAL OF *OXYURANUS SCUTELLATUS* SNAKE VENOM** 12:30 - 12:30

*Poster Presenter:* Marucia Chacur (São Paulo, Brazil)

I-A.02 **COMPARING CORTICAL RESPONSES TO CUTANEOUS THERMAL HEAT PAIN AND DEEP-TISSUE CUFF PRESSURE PAIN IN HUMANS** 12:30 - 12:30

*Poster Presenter:* Janne Nold (Hamburg, Germany)

I-A.03 **DEXAMETHASONE AS ADJUVANT TO CAUDAL ROPIVACAINE FOR LABOR PAIN ANALGESIA** 12:30 - 12:30

I-A.04 **EFFECT OF ADDING DEXMEDETOMIDINE TO BUPIVACAINE IN ULTRASOUND GUIDED RECTUS SHEATH BLOCK: A RANDOMIZED CONTROLLED DOUBLE-BLINDED STUDY** 12:30 - 12:30

I-A.05 **EFFECTIVENESS OF REGIONAL BLOCKS IN REDUCING POSTOPERATIVE PAIN AND IMPROVING OUTCOMES IN BREAST CANCER SURGERY: A PROSPECTIVE OBSERVATIONAL STUDY** 12:30 - 12:30

*Poster Presenter:* Amila Prathibha Nellihela (Anuradhapura, Sri Lanka)

I-A.06 **INFORMATION ABOUT PAIN AFTER MINOR VIDEOASSISTED THOROSCOPIC SURGERY: CONTENT, TIMING AND PRESENTATION METHOD** 12:30 - 12:30

*Poster Presenter:* Dusica Stamenkovic (Belgrade, Serbia)

I-A.07 **INFLUENCE OF FRAILTY STATUS ON THE HEALTH-RELATED QUALITY OF LIFE IN OLDER PATIENTS WITH CHRONIC LOW BACK PAIN: A RETROSPECTIVE OBSERVATIONAL STUDY** 12:30 - 12:30

*Poster Presenter:* Hee Jung Kim (Seoul, Korea, Republic of)

I-A.08 **COMPARING EFFICACY OF ERECTOR SPINAE PLANE BLOCK VERSUS INTERCOSTAL NERVE BLOCK IN MANAGING POSTOPERATIVE PAIN IN VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS)** 12:30 - 12:30

*Poster Presenter:* Jiaqian Cui (Singapore, Singapore)

I-A.09 **COMPARISON OF DURATION OF POSTOPERATIVE ANALGESIA WITH ADDUCTOR CANAL BLOCK USING ROPIVACAINE, BUPRENORPHINE AND DEXAMETHASONE VS ROPIVACAINE AND DEXAMETHASONE IN KNEE SURGERY PATIENTS** 12:30 - 12:30

*Poster Presenter:* Jishmi Shah (Anand, India)

I-A.10 **THE USE OF FENTANYL PATIENT-CONTROLLED ANALGESIA POSTOPERATIVELY IN OPEN VERSUS LAPAROSCOPIC CHOLECYSTECTOMIES: A RETROSPECTIVE COHORT STUDY** 12:30 - 12:30

*Poster Presenter:* Keith Haugh (Cork, Ireland)

- I-A.11                    **THE EFFECT OF PRE-INDUCTION OPIOID ADMINISTRATION ON INTRAOPERATIVE ANESTHETIC REQUIREMENTS AND POSTOPERATIVE ANALGESIC USE**                    12:30 - 12:30

*Poster Presenter:* Siri Gurandsrud Karlsen (Oslo, Norway)

- I-A.12                    **POSTOPERATIVE PAIN MANAGEMENT EFFECTIVENESS AT THE ORTHOPEDIC HOSPITAL: RESULTS FROM PAIN OUT STUDY**                    12:30 - 12:30

*Poster Presenter:* Iveta Golubovska (Riga, Latvia)

- I-A.13                    **COMPARISON OF PAIN INTENSITY ACCORDING TO TYPE OF ANALGESIA USED DURING SURGERY ON THE FIRST POSTOPERATIVE DAY IN THE ORTHOPAEDIC PATIENTS**                    12:30 - 12:30

*Poster Presenter:* Iveta Golubovska (Riga, Latvia)

- I-A.14                    **INCIDENCE AND FACTORS AFFECTING THE DEVELOPMENT AND OUTCOME OF PHANTOM LIMB PAIN (PLP) - A SINGLE-CENTRE PROSPECTIVE COHORT STUDY**                    12:30 - 12:30

*Poster Presenter:* Kai Wen Yeo (Singapore, Singapore)

- I-A.15                    **THE EFFECTIVENESS OF ACUPUNCTURE IN NEUROPATHIC PAIN FROM CHEMOTHERAPY-INDUCED POLYNEUROPATHY**                    12:30 - 12:30

*Poster Presenter:* Spyridon Sotiropoulos (Athens, Greece)

- I-A.16                    **A CROSS-SECTIONAL STUDY TO IDENTIFY THE SOCIAL CONTEXT OF PAIN IN CANCER PATIENTS - INDIAN PERSPECTIVE**                    12:30 - 12:30

*Poster Presenter:* Aanchal Satija (Delhi, India)

- I-A.17                    **EXPLORING THE IMPACT OF PAIN INTENSITY, ACCEPTANCE, AND CATASTROPHIZING ON PSYCHOLOGICAL DISTRESS IN CANCER PATIENTS**                    12:30 - 12:30

*Poster Presenter:* Mohammad Al Qadire (Mafraq, Jordan)

- I-A.18                    **ENHANCING MULTIDISCIPLINARY COLLABORATION IN SEVERE CANCER PAIN: A EUROPEAN EXPERT CONSENSUS ON MANAGEMENT STRATEGIES**                    12:30 - 12:30

*Poster Presenter:* Maria Luz Padilla del Rey (Geneva, Switzerland)

- I-A.19                    **GLOBAL PERSPECTIVES ON CANCER-RELATED PAIN IN IMMIGRANT AND ETHNIC MINORITIES CANCER SURVIVORS**                    12:30 - 12:30

*Poster Presenter:* Nataly Espinoza Suarez (Québec, Canada)

- I-A.20                    **EXPERIENCES AND THOUGHTS OF MULTIMODAL TEAM ASSESSMENT FOR PATIENTS WITH TRAUMATIC SPINAL CORD INJURY AND CHRONIC PAIN - FROM A PATIENT AND PERSONNEL PERSPECTIVE**                    12:30 - 12:30

*Poster Presenter:* Sofia Bjorkbacka (Umea, Sweden)

- I-A.21                    **PAIN SYNDROME IN MULTIPLE SCLEROSIS**                    12:30 - 12:30

*Poster Presenter:* Aleksandr Peshkin (Moscow, Russian Federation)

- I-A.22                    **AN ANALYSIS OF CLINICAL DIAGNOSTIC TOOL FOR THE ASSESSMENT OF CHRONIC NEUROPATHIC PAIN IN PRIMARY CARE**                    12:30 - 12:30

*Poster Presenter:* Lea Homae (Belfast, United Kingdom)

- I-A.23                    **PAIN IN CHRONIC STROKE - A SINGLE CENTER CROSS-SECTIONAL STUDY**                    12:30 - 12:30

*Poster Presenter:* Dušica Simić-Panić (Novi Sad, Serbia)

- I-A.26                    **IS AUTONOMIC FUNCTION ASSOCIATED WITH (CENTRAL) PAIN PROCESSING IN INDIVIDUALS WITH CHRONIC PAIN? A SYSTEMATIC REVIEW**                    12:30 - 12:30

*Poster Presenter:* Iris Meuwissen (Antwerp, Belgium)



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| I-A.27 | <b>THE MISMATCH-HYPOTHESIS FOR CHRONIC PAIN -<br/>INTEGRATING INSIGHTS FROM ANCIENT, COMPARATIVE AND<br/>NEUROIMAGING GENOMICS</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Ole Goltermann (Hamburg, Germany)   |               |
| I-A.28 | <b>PAIN SCIENCE EDUCATION FOR PEOPLE WITH PERSISTENT PAIN<br/>ON NHS WAITING LISTS - A PRAGMATIC EVALUATION MIXED-<br/>METHODS STUDY</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Jagjit Mankelaw (Middlesbrough, United Kingdom)   |               |
| I-A.29 | <b>EFFECTS OF CBT-I ACROSS DIFFERENT DELIVERY MODES ON<br/>SLEEP, PAIN, AND DISABILITY IN INDIVIDUALS WITH CHRONIC<br/>PAIN AND COMORBID INSOMNIA: A SYSTEMATIC REVIEW WITH<br/>META-ANALYSIS</b>      | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Henrik Bjarke Vægter (Odense, Denmark)  |               |
| I-A.30 | <b>ALTERED GUT MICROBIOME COMPOSITION AND FUNCTION IN<br/>INDIVIDUALS WITH COMPLEX REGIONAL PAIN SYNDROME</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Amir Minerbi (Rambam, Israel)   |               |
| I-A.31 | <b>THE FRACTALKINE RECEPTOR CX3CR1 MEDIATES PAIN IN THE<br/>PASSIVE TRANSFER-TRAUMA MOUSE MODEL OF COMPLEX<br/>REGIONAL PAIN SYNDROME</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Nikolett Szentes (Pécs, Hungary)  |               |
| I-A.33 | <b>RETROSPECTIVE SINGLE-CENTRE STUDY OF THE<br/>CHARACTERISTICS, MANAGEMENT AND OUTCOMES OF<br/>PEDIATRIC COMPLEX REGIONAL PAIN SYNDROME</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Anna Bruna Ronchetti (Genova, Italy)  |               |
| I-A.34 | <b>CLINICAL CHARACTERISTICS OF PATIENTS WITH PERSISTENT<br/>CRPS</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Iana Andreieva (Warsaw, Poland)   |               |
| I-A.35 | <b>MOTOR CORTICAL EXCITABILITY AND CONNECTIVITY METRICS<br/>BY TMS COUPLED TO ELECTROENCEPHALOGRAPHY OR<br/>ELECTROMYOGRAPHY IN COMPLEX REGIONAL PAIN SYNDROME</b>                                     | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Stian Ingemann-Molden (Gistrup, Denmark)  |               |
| I-A.37 | <b>CORRELATION BETWEEN SENSITIZATION-ASSOCIATED<br/>SYMPTOMS AND NEUROPATHIC-LIKE FEATURES WITH SEVERITY<br/>AND DISABILITY IN PREVIOUSLY HOSPITALIZED COVID-19<br/>SURVIVORS WITH POST-COVID PAIN</b> | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Lars Arendt-Nielsen (Aalborg, Denmark)  |               |
| I-A.38 | <b>DNA METHYLATION LEVELS OF THE ACE2 PROMOTER ARE NOT<br/>ASSOCIATED WITH SYMPTOMS-SEVERITY AND RELATED-<br/>DISABILITY IN PREVIOUSLY HOSPITALIZED COVID-19<br/>SURVIVORS</b>                         | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Lars Arendt-Nielsen (Aalborg, Denmark)  |               |
| I-A.39 | <b>ASSOCIATION BETWEEN EXPERIMENTAL PAIN MEASUREMENTS<br/>AND THE CENTRAL SENSITIZATION INVENTORY IN PATIENTS AT<br/>LEAST 3 MONTHS AFTER COVID-19 INFECTION: A CROSS-<br/>SECTIONAL PILOT STUDY</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)  |               |
| I-A.40 | <b>INTERVENTIONAL METHODS FOR MANAGEMENT OF PAIN<br/>SYNDROMES IN POST-COVID PATIENTS: A SYSTEMATIC REVIEW</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Irene Kouroukli (Athens, Greece)  |               |
| I-A.41 | <b>SERUM LIGHT CHAIN NEUROFILAMENT IN NEW-ONSET POST-<br/>COVID-19 CHRONIC PAIN: A CONTROLLED CROSS-SECTIONAL<br/>STUDY</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Gabriel Taricani Kubota (Sao Paulo, Brazil)   |               |

- I-A.42                    **AUTOANTIBODIES FROM LONG-COVID PATIENTS INDUCE SENSORY HYPERSENSITIVITY IN MICE**                    12:30 - 12:30  
*Poster Presenter:* Hanneke Willemsen (Utrecht, Netherlands)
- I-A.43                    **EFFECTS OF AN ACTIVE COPING PROGRAM IN LONG-COVID PATIENTS WITH CHRONIC PAIN. PRELIMINARY RESULTS OF A RANDOMIZED CONTROLLED TRIAL**                    12:30 - 12:30  
*Poster Presenter:* Laura Barrero-Santiago (Valladolid, Spain)
- I-A.44                    **EEG OSCILLATORY PATTERN IN NEW-ONSET LONG COVID CHRONIC PAIN PATIENTS COMPARED TO HEALTHY CONTROLS**                    12:30 - 12:30  
*Poster Presenter:* Bárbara Silva-Passadouro (Leeds, United Kingdom)
- I-A.45                    **HIGH BODILY THREAT MONITORING IS ASSOCIATED WITH REDUCED INFLAMMATORY CYTOKINE SECRETION FROM IMMUNE CIRCULATING CELLS IN FIBROMYALGIA AND DEPRESSION**                    12:30 - 12:30  
*Poster Presenter:* Angels Calvet-Mirabent (Barcelona, Spain)
- I-A.46                    **AUGMENTED CONNECTIVITY OF REWARD-RELATED AND DEFAULT MODE NETWORK REGIONS IN FIBROMYALGIA AND MAJOR DEPRESSION**                    12:30 - 12:30  
*Poster Presenter:* Lidia Izquierdo (Barcelona, Spain)
- I-A.47                    **DO PATIENTS WITH FIBROMYALGIA SYNDROME RECEIVE UPDATED MANAGEMENT STRATEGIES? A WEB MIX-METHODS SURVEY AMONG ITALIAN PHYSIOTHERAPISTS**                    12:30 - 12:30  
*Poster Presenter:* Matteo Cioeta (Campobasso, Italy)
- I-A.48                    **TOWARDS THE IDENTIFICATION OF MARKERS IN THE FIBROMYALGIA SYNDROME**                    12:30 - 12:30  
*Poster Presenter:* Marine Delay (Clermont-Ferrand, France)
- I-A.49                    **TRENDS IN FIBROMYALGIA RESEARCH: CLINICAL FEATURES, MECHANISMS, TREATMENT, EPIDEMIOLOGY AND METHODOLOGY**                    12:30 - 12:30  
*Poster Presenter:* Seo Young Lee (Oslo, Norway)
- I-A.51                    **THE INVOLVEMENT OF TRANSIENT RECEPTOR VANILLOID 1 (TRPV1) RECEPTOR IN CHRONIC RESTRAINT STRESS-INDUCED PAIN**                    12:30 - 12:30  
*Poster Presenter:* Valéria Tékus (Pécs, Hungary)
- I-A.52                    **IS THERE A RELATIONSHIP BETWEEN FIBROMYALGIA AND AUTISM? A SCOPING LITERATURE REVIEW**                    12:30 - 12:30  
*Poster Presenter:* Adam Finlay (Manchester, United Kingdom)

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### B. Basics In Pain

- I-B.01                    **HISTORY OF PAIN: A 5000-YEAR NARRATIVE REVIEW THROUGH ANCIENT CIVILIZATIONS' CONTRIBUTIONS TO MODERN PAIN THEORIES**                    12:30 - 12:30  
*Poster Presenter:* Matthieu Vincenot (Sherbrooke, Canada)
- I-B.02                    **HLA-REGION GENETIC ASSOCIATION ANALYSIS OF BREAST CANCER PATIENTS WITH AND WITHOUT CHRONIC POSTSURGICAL NEUROPATHIC PAIN**                    12:30 - 12:30  
*Poster Presenter:* Hanna Harno (Helsinki, Finland)
- I-B.03                    **RELATIONSHIP BETWEEN SCAPULA POSITION AND PAIN, RANGE OF MOTION, MUSCLE STRENGTH AND UPPER EXTREMITY PERFORMANCE IN CHILDREN WITH THORACIC HYPERKYPHOSIS**                    12:30 - 12:30

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| I-B.04 | <b>BEYOND THE BIOMEDICAL: UNVEILING CHRONIC PAIN THROUGH AUTOPATHOGRAPHS. EXPLORING CONTEMPORARY PAIN EXPERIENCES</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Eva Tordera Nuño (Espoo, Finland)   |               |
| I-B.05 | <b>ISOLATING BRAIN REGIONS THAT MODULATE THE PAIN EXPERIENCE THROUGH EMOTION AND COGNITION</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Laura Malaguti Modernell (Lyon, France)   |               |
| I-B.06 | <b>TEMPORAL CONTRAST ENHANCEMENT DURING AUDITORY AND THERMAL STIMULATION: AN EXPERIMENTAL STUDY</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Jakob Pöhlmann (Lübeck, Germany)  |               |
| I-B.07 | <b>CHARACTERIZATION OF THE FIRST AND SECOND PAIN SENSATION IN OFFSET ANALGESIA</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Tibor M. Szikszay (Lübeck, Germany)   |               |
| I-B.08 | <b>AN EXPLORATORY APPROACH ON THE NEURONAL PROCESSING OF THE TEMPORAL DERIVATIVES OF PAINFUL STIMULI INDICATE INVOLVEMENT OF THE SUBCALLOSAL AREA</b>                              | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Uli Bromberg (Hamburg, Germany)   |               |
| I-B.09 | <b>SEX DIFFERENCES IN OXYTOCINERGIC NEURON PROJECTIONS TO THE AMYGDALOID COMPLEX IN MALE AND FEMALE MICE SUBJECTED TO THE HYPERALGESIC PRIMING MODEL</b>                           | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Ana Claudia Braga-Dias (Araraquara, Brazil)   |               |
| I-B.10 | <b>MECHANISMS UNDERLYING LONG-TERM PAIN SENSITIVITY INDUCED BY NEONATAL REPETITIVE PINPRICK STIMULATION</b>  | 12:30 - 12:30 |
| I-B.11 | <b>PAIN CATASTROPHIZING ATTENUATES ENDOGENOUS PAIN INHIBITION BY REWARD</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Simon Desch (Düsseldorf, Germany)   |               |
| I-B.12 | <b>PAIN IN PARKINSON'S DISEASE: THE INFLUENCE OF THE BASAL GANGLIA OVER THE DESCENDING INHIBITORY PAIN PATHWAY</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Rémi Soutrenon (La Tronche, France)   |               |
| I-B.13 | <b>LATENT CLASS ANALYSIS REVEALS SUBGROUPS OF INHIBITORY CONDITIONED PAIN MODULATION ACROSS PATIENT COHORTS AND CONTROLS</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Laura Sirucek (Zurich, Switzerland)   |               |
| I-B.14 | <b>CORTICAL EXCITABILITY MEASURED BY EEG APERIODIC EXPONENT SHAPES THE BRAIN'S RESPONSE TO PAINFUL LASER STIMULATION</b>   | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Dominika Sulcova (Hamburg, Germany)   |               |
| I-B.15 | <b>OSCILLATORY DYNAMICS UNDERLYING REWARD-INDUCED PAIN MODULATION: AN MEG ACCOUNT</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Fabrice Hubschmid (Düsseldorf, Germany)   |               |
| I-B.16 | <b>THE INFLUENCE OF THE SPATIO-TEMPORAL CONFIGURATION OF NOCICEPTIVE INPUT ON SPATIAL SUMMATION</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Daria Nowak (Katowice, Poland)  |               |
| I-B.17 | <b>THE ECONOMIC ANALYSIS OF THE OVERLOOKED RECURRENT LOW BACK PAIN - THREE YEARS OF OBSERVATION</b>  | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Jaroslaw Szyszka (Korfantow, Poland)  |               |
| I-B.18 | <b>EVALUATION OF THE STRUCTURAL AND CONSTRUCT VALIDITY OF THE PAIN UNDERSTANDING AND CONFIDENCE QUESTIONNAIRE FOR ASSESSING THE PAIN MANAGEMENT COMPETENCE OF PHYSIOTHERAPISTS</b> | 12:30 - 12:30 |
|        | <i>Poster Presenter:</i> Hiroshi Takasaki (Koshigaya, Japan)   |               |

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| I-B.19   | <b>KNOWLEDGE AND ATTITUDE ON THIRD YEAR NURSING STUDENTS REGARDING PAIN MANAGEMENT AT UBT COLLEGE</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Fadil Kryeziu (Prizren, Kosovo, Albania)                        |  |               |
| I-B.20   | <b>PHYSIOTHERAPISTS' USAGE AND NEEDS REGARDING PAIN NEUROSCIENCE EDUCATION. AN ONLINE SURVEY</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Alexandra Litzenburger (Bern, Switzerland)                      |  |               |
| I-B.21   | <b>THE ROLE OF FAMILY DOCTORS IN PAIN MANAGEMENT</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Iana Burmistr (Chisinau, Moldova)                               |  |               |
| I-B.22   | <b>THE FEASIBILITY, FACILITATORS, AND BARRIERS OF THE 'PAIN IN PRIVATE PRACTICE' PROFESSIONALIZATION COURSE: A QUALITATIVE PILOT STUDY</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Han van Dijk (Netherlands)                                      |  |               |
| I-B.23   | <b>PRE- AND POST-EDUCATIONAL COURSE EVALUATION ASSESSING EVIDENCE-BASED KNOWLEDGE OF LOW BACK PAIN AMONG PHYSICAL THERAPISTS IN SPAIN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Pablo Bellosta-López (Villanueva de Gállego (Zaragoza), Spain)  |  |               |
| I-B.24   | <b>LEVERAGING MEMORY STRUCTURES IN PAIN PERCEPTION: A LATENT CAUSE PERSPECTIVE ON PLACEBO ANALGESIA</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Alina Elisabeth Catharina Panzel (Hamburg, Germany)             |  |               |
| I-B.25   | <b>AN ANALYSIS OF SERBIAN NURSES' APPROACH TO PATIENTS' PAIN</b>   | 12:30 - 12:30 |
| I-B.26   | <b>TRENDS IN EDUCATION OF PAIN MEDICINE</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Arunas Sciupokas (Kaunas, Lithuania)                            |  |               |
| I-B.27   | <b>MEETINGS ON PAIN IN PORTUGAL: WORLD CAFE FOR EDUCATION AND SHARING EXPERIENCES</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Maria Teresa Flor-de-Lima (Ponta Delgada, Portugal)             |  |               |
| I-B.28   | <b>NURSING PRACTICES FOR EARLY DETECTION OF OPIOID-INDUCED VENTILATORY IMPAIRMENT (OIVI): A FOCUS ON SEDATION SCORING AND DOCUMENTATION</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Fernando Ferreira (London, United Kingdom)                      |  |               |
| I-B.29   | <b>CO-DESIGNING PAIN EDUCATION FOR SCHOOLS IN SWITZERLAND</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Helen Schwerdt (Dublin, Ireland)                                |  |               |
| I-B.30   | <b>AN EVALUATION OF A ONE-DAY PAIN SCIENCE EDUCATION EVENT IN A HIGH SCHOOL SETTING TARGETING PAIN-RELATED BELIEFS, KNOWLEDGE, AND BEHAVIOUR: A MIXED-METHODS, NON-RANDOMISED CONTROLLED TRIAL</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Jagjit Mankelow (Middlesbrough, United Kingdom)                 |  |               |
| I-B.31   | <b>KNOWLEDGE OF PAIN NEUROPHYSIOLOGY AMONG PRIMARY HEALTHCARE PROFESSIONALS: GAPS AND IMPLICATIONS FOR BIOPSYCHOSOCIAL CARE</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Laura Barrero-Santiago (Valladolid, Spain)                      |  |               |
| I-B.32   | <b>PRELIMINARY RESULTS FROM AN EUROPEAN SURVEY ON ONLINE INFORMATION SEEKING ABOUT MUSCULOSKELETAL PAIN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Víctor Domenech-Garcia (Villanueva de Gállego, Zaragoza, Spain) |  |               |
| I-B.33   | <b>PREOPERATIVE PAIN HISTORY IS ESSENTIAL IN ACUTE POST-OPERATIVE PAIN ASSESSMENT AND MANAGEMENT</b>   | 12:30 - 12:30 |
| I-B.34   | <b>PAIN PERCEPTION AND SELF-PERCEIVED SENSITIVITY: SEX DIFFERENCES IN ADOLESCENTS FROM THE GENERATION XXI BIRTH COHORT</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Nare Navasardyan (Porto, Portugal)                              |  |               |

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| I-B.35  | <b>PREVALENCE OF CHRONIC MUSCULOSKELETAL PAIN AND WORK PRODUCTIVITY IN BRAZILIAN UNIVERSITY PROFESSORS</b>  | 12:30 - 12:30                                     |
| <i>Poster Presenter:</i> Priscilla Hortense (Sao Carlos, Brazil)      |   |   |
| I-B.36  | <b>THE PREVALENCE OF PEDIATRIC SPINE-RELATED DIAGNOSES IN DENMARK: A NATIONWIDE REGISTER-BASED STUDY</b>  | 12:30 - 12:30                                     |
| I-B.39  | <b>MAPPING THE SPATIOTEMPORAL TRAJECTORIES OF PAIN ACROSS THE LIFESPAN</b>  | 12:30 - 12:30                                     |
| <i>Poster Presenter:</i> Matt Fillingim (Montreal, QC, Canada)        |   |   |
| I-B.40  | <b>ASSOCIATION BETWEEN CHRONIC PAIN AND TINNITUS PREVALENCE: A POPULATION STUDY</b>   | 12:30 - 12:30                                     |
| <i>Poster Presenter:</i> Lise Hobeika (Montreal, Canada)              |   |   |
| I-B.41  | <b>EXPLORING THE ASSOCIATION OF WOMEN'S EMPOWERMENT WITH SYMPTOMS OF CHRONIC MUSCULOSKELETAL PAIN AND DEPRESSION AMONG WOMEN IN CYPRUS</b>  | 12:30 - 12:30                                     |
| <i>Poster Presenter:</i> Marina Couva (Nicosia, Cyprus)               |   |   |
| I-B.42  | <b>THE IMPACT OF ADVERSE CHILDHOOD EXPERIENCES ON SENSORY THRESHOLDS IN ADULTS LIVING WITH MULTIMORBIDITY AND/OR CHRONIC PAIN (THE ACE-MAP STUDY): AN OBSERVATIONAL FEASIBILITY STUDY</b> | 12:30 - 12:30                                     |
| <i>Poster Presenter:</i> Dhaneesha Senaratne (Dundee, United Kingdom) |   |   |
| <i>Breaks</i>   |   |   |
| 12:30 - 14:00   |   | Forum 4&5: Exhibition & Poster Area (Level Forum) |
| <b>Lunch Break</b>  |   |   |
| <i>Industry Sessions and Workshops</i>                                |   |   |
| 12:35 - 13:55   |   | Forum 1 (Level Forum)                             |
| <b>Industry Sponsored Session</b>                                     |   |   |
| <i>Industry Sessions and Workshops</i>                                |   |   |
| 12:35 - 13:55   |   | Salon Pasteur (Level Rhône Pasteur)               |
| <b>Industry Sponsored Session</b>                                     |   |   |
| <i>Industry Sessions and Workshops</i>                                |   |   |
| 12:45 - 13:30   |   | Auditorium Pasteur (Level Rhône Pasteur)          |
| <b>Industry Sponsored Session</b>                                     |   |   |
| <i>Guided Poster Walk</i>   |   |   |
| 12:45 - 13:45   |   | Forum 4&5: Exhibition & Poster Area (Level Forum) |
| <b>D1. Opioid Use</b>   |   |   |
| <i>Moderator:</i> Anne-Priscille Trouvin (Paris, France)              |   |   |
| <i>Moderator:</i> Patrice Forget (Aberdeen, United Kingdom)           |   |   |
| <i>Moderator:</i> Yacine Hadjiat (Paris, France)                      |   |   |
| I-D1.W.01   | <b>QUALITY OF PERIOPERATIVE SURGICAL AND ANESTHESIOLOGIC MEASURES FOR PAIN REDUCTION AFTER HYSTERECTOMY: EVALUATION OF THE INTERNATIONAL PAIN REGISTRY PAIN-OUT</b>                       | 12:45 - 12:45                                     |
| <i>Poster Presenter:</i> Laura Tascón Padrón (Bonn, Germany)          |   |   |
| I-D1.W.02   | <b>INCIDENCE AND PREVALENCE OF PAIN MEDICATION PRESCRIPTIONS IN PATHOLOGIES WITH A POTENTIAL FOR CHRONIC PAIN</b>   | 12:45 - 12:45                                     |
| <i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)             |   |   |
| I-D1.W.03   | <b>INFORMATION RECEIVED BY PEOPLE PRESCRIBED OPIOIDS IN</b>   | 12:45 - 12:45                                     |

**PRIMARY CARE AND THE ROLE OF COMMUNITY PHARMACIES:  
FINDINGS FROM A CROSS-SECTIONAL SURVEY FROM ENGLAND,  
UK**

*Poster Presenter:* Louise Wilson (Nottingham, United Kingdom)

I-D1.W.04      **OPIOID PRESCRIPTION IN A TERTIARY PAIN CENTER IN SWEDEN FOLLOWING THE COVID-19 PANDEMIC**      12:45 - 12:45

*Poster Presenter:* Maria Ioannidou (Uppsala, Sweden)

I-D1.W.05      **PROPORTION OF TRUE ALLERGIC REACTIONS TO OPIOIDS IN DANISH HOSPITALS: A REGISTER-BASED STUDY WITH JOURNAL AUDIT**      12:45 - 12:45

*Poster Presenter:* Andreas Halgreen Eiset (Aarhus, Denmark)

I-D1.W.06      **DRUG INTERACTIONS IN PATIENTS VISITING THE CHRONIC PAIN CLINIC OF A UNIVERSITY GENERAL HOSPITAL: A RETROSPECTIVE STUDY**      12:45 - 12:45

*Poster Presenter:* Emmanuela Koutoulaki (Heraklion, Greece)

I-D1.W.07      **THE SHIFT TO OXYCODONE AS PHYSICIANS' FIRST CHOICE OF OPIOIDS - TRENDS IN INCIDENCE AND PREVALENCE IN SWEDEN 2007-2022**      12:45 - 12:45

*Poster Presenter:* Emmanuel Bäckryd (Linköping, Sweden)

I-D1.W.08      **EFFECTS OF IATROGENIC OPIOID WITHDRAWAL NESTED IN A COGNITIVE BEHAVIORAL TREATMENT FOR CHRONIC PAIN**      12:45 - 12:45

*Poster Presenter:* Cornelis Paul van Wilgen (Groningen, Netherlands)

I-D1.W.09      **OPIOID USE AFTER SURGICAL TREATMENT IN THE DANISH POPULATION - A REGISTER-BASED COHORT STUDY**      12:45 - 12:45

*Poster Presenter:* Mark Puch Oernskov (Copenhagen, Denmark)

I-D1.W.10      **OPIOID STEWARDSHIP INTERVENTIONS IN ENGLISH PRIMARY AND SECONDARY HEALTHCARE: A NATIONAL CROSS-SECTIONAL SURVEY STUDY**      12:45 - 12:45

*Poster Presenter:* Tuğçe Haykır (London, United Kingdom)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**I. Guided Poster Walks**

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**B2. Health Inequalities in Pain Care**

*Moderator:* Liesbet Goubert (Ghent, Belgium)

*Moderator:* Adam Hirsh (Indianapolis, United States)

*Moderator:* Sónia Bernardes (Lisbon, Portugal)

I-B2.W.01      **GLOBAL PERSPECTIVES ON CHRONIC PAIN DISPARITIES: A MULTI-COHORT ANALYSIS**      12:45 - 12:51

*Poster Presenter:* Jax Norman (Montreal, Canada)

I-B2.W.02      **THE EFFECT OF SEX/GENDER AND SOCIAL CONTEXT ON THE FACIAL RECOGNITION OF PAIN**      12:51 - 12:57

*Poster Presenter:* Emily Ford (Bath, United Kingdom)

I-B2.W.03      **BREAKING BARRIERS: CANCER PAIN MANAGEMENT AND HEALTHCARE ACCESS FOR IMMIGRANTS AND AND ETHNIC MINORITIES -- A SCOPING REVIEW**      12:57 - 13:03

*Poster Presenter:* Nataly Espinoza Suarez (Québec, Canada)

I-B2.W.04      **THE STIGMA SCALE FOR CHRONIC ILLNESSES 8-ITEM VERSION (SSCI-8): A LONGITUDINAL STUDY ASSESSING ITS DIMENSIONALITY, RELIABILITY AND CORRELATES IN A SPANISH**      13:03 - 13:09

**SAMPLE WITH CHRONIC PAIN**

*Poster Presenter:* Juan V. Luciano (Sant Boi de Llobregat, Spain)

I-B2.W.05      **EXPLORING POTENTIAL BIAS TOWARD BLACK PAIN PATIENTS WITH HIV AMONG MALE AND FEMALE OBSERVERS**      13:09 - 13:15

*Poster Presenter:* Zina Trost (Texas, United States)

*Poster Presenter:* Ama Kissi (Belgium)

I-B2.W.06      **PAIN CAFES - A SOCIAL AND COMMUNITY MODEL OF HEALTH TO MANAGE CHRONIC PAIN**      13:15 - 13:21

*Poster Presenter:* Kevin Feavious (Exeter, United Kingdom)

I-B2.W.07      **BREAKING THE CYCLE OF LOW BACK PAIN AND INEQUALITIES: A UK COHORT STUDY OF COGNITIVE FUNCTIONAL THERAPY**      13:21 - 13:27

*Poster Presenter:* Chris Newton (Coventry, United Kingdom)

I-B2.W.08      **PAIN CATASTROPHISING, MENTAL HEALTH LITERACY AND STIGMA AMONG FORMAL CAREGIVERS OF CHILDREN AND OLDER ADULTS**      13:27 - 13:33

*Poster Presenter:* Francisco Jose Lopes Júnior (Aydin, Turkey)

I-B2.W.09      **PAIN SITUATIONS SURROUNDING COMMUNITY-DWELLING OLDER ADULTS: CAN WE DO SOMETHING?**      13:33 - 13:33

*Poster Presenter:* Mimi Tse (Hong Kong, Hong Kong)

I-B2.W.10      **SOCIAL SUPPORT IN LOW-INCOME WOMEN WITH FIBROMYALGIA SYNDROME IN SUBURBAN AND PERI-URBAN AREAS OF TENERIFE: A MIXED-METHODS STUDY**      13:33 - 13:39

*Poster Presenter:* Sebastián Eustaquio Martín Pérez (Santa Cruz de Tenerife, Spain)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**C1. Childhood Pain: Assessment, Management & Impact**

*Moderator:* Lisandra Stein Bernardes (Hjørring, Denmark)

*Moderator:* Judith Kappesser (Gießen, Germany)

*Moderator:* Siloé Corvin (Saint-Etienne, France)

I-C1.W.01      **TRAJECTORIES OF SCHOOL ABSENTEEISM: LONGITUDINAL ASSOCIATIONS WITH PAIN AND STRESS IN CHILDHOOD AND WITH SICK LEAVE AND DISABILITY PENSION IN ADULTHOOD**      12:45 - 12:51

*Poster Presenter:* Nadezhda Golovchanova (Örebro, Sweden)

I-C1.W.02      **RELIABILITY AND VALIDITY OF THE PEDIATRIC PAINSCAN®: A SCREENING TOOL FOR PEDIATRIC NEUROPATHIC PAIN AND COMPLEX REGIONAL PAIN SYNDROME**      12:51 - 12:57

*Poster Presenter:* Giulia Mesaroli (Toronto, Canada)

I-C1.W.03      **PAIN AND DEPRESSIVE SYMPTOMS AMONG ADOLESCENTS: PREVALENCE AND ASSOCIATIONS WITH ACHIEVEMENT PRESSURE AND COPING IN THE NORWEGIAN UNGDATA STUDY**      12:57 - 13:03

*Poster Presenter:* Henriette Jahre (Oslo, Norway)

I-C1.W.04      **PAIN IS THE MOST ELUSIVE OF FACIAL EXPRESSIONS**      13:03 - 13:09

*Poster Presenter:* Camille Saumure (Fribourg, Switzerland)

I-C1.W.05      **MOBILE PAIN TEAM FOR PATIENTS WITH INTELLECTUAL DISABILITIES AGED 0-25 YEARS: AN INNOVATIVE APPROACH**      13:09 - 13:15

*Poster Presenter:* Philippe Le Moine (Brest, France)

I-C1.W.06      **BEHAVIORAL AND ELECTROPHYSIOLOGICAL INVESTIGATION OF PAIN THRESHOLDS AND AFFECTIVE PAIN PROCESSING IN ADULTS BORN PRETERM**      13:15 - 13:21

*Poster Presenter:* Alexiane De Munter (Brussels, Belgium)

I-C1.W.07      **PERCEPTION OF PAIN EXPRESSED BY BABY CRIES: FROM**      13:21 - 13:27

**ACOUSTICS TO NEURAL CORRELATES IN ADULT LISTENERS***Poster Presenter:* Siloé Corvin (Saint-Etienne, France)

I-C1.W.08      **LONG-TERM EFFECTS OF NEONATAL REPETITIVE PINPRICK STIMULATION ON ADULT NEUROPATHIC PAIN SENSITIVITY**      13:27 - 13:33

I-C1.W.09      **PREVALENCE OF AUTISM SPECTRUM DISORDER IN THE CHILDREN OF FIBROMYALGIA SYNDROME PATIENTS IS INCREASED RELATIVE TO OTHER TYPES OF CHRONIC PAIN**      13:33 - 13:39

*Poster Presenter:* Allegra Hirst (Liverpool, United Kingdom)

I-C1.W.10      **PAIN AND FEAR IN PERIPHERAL VENOUS CANNULATION IN CHILDREN**      13:39 - 13:45

*Poster Presenter:* Jaroslava Raudenska (Prague, Czech Republic)*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**A2. Small Fiber Neuropathy***Moderator:* Eleonora Galosi (Roma, Italy)*Moderator:* Daniela Maria Menichella (Chicago, United States)

I-A2.W.01      **COMPARISON OF THE FEMORAL NERVE RESPONSE AFTER NERVE STIMULATION IN DIABETIC AND NON-DIABETIC PATIENTS: A PILOT STUDY**      12:45 - 12:51

*Poster Presenter:* Olga Klavdianou (Athens, Greece)

I-A2.W.02      **AGE-RELATED SOMATOSENSORY MODIFICATIONS: EVALUATION OF A-BETA, A-DELTA, AND C-FIBERS INTEGRITY THROUGH QUANTITATIVE SENSORIAL TESTING AND EVOKED POTENTIALS**      12:51 - 12:57

*Poster Presenter:* Elisa Mamino (Strasbourg, France)

I-A2.W.03      **RELATIONSHIP BETWEEN CUTANEOUS VASODILATION AND HEAT PAIN TOLERANCE IN AGED TYPE 2 DIABETICS**      12:57 - 12:57

*Poster Presenter:* Bruno Rojas-Roel (Strasbourg, France)

I-A2.W.04      **BLUE POO PROJECT: HIGHLIGHTING GASTROINTESTINAL SYMPTOMS AS A POTENTIAL INDICATOR OF AUTONOMIC INVOLVEMENT IN PAINFUL, IDIOPATHIC SMALL FIBER NEUROPATHIES**      12:57 - 13:03

*Poster Presenter:* Greta Z. Peschke (Aachen, Germany)

I-A2.W.05      **TREATMENT OF PERIPHERAL NEUROPATHIC PAIN WITH CAPSAICIN (179 MG) PATCH: A RETROSPECTIVE COHORT STUDY EVALUATING TREATMENT RESPONSE AND TOLERABILITY ACROSS INDICATIONS**      13:03 - 13:09

*Poster Presenter:* Mariëlle Eerdekens (Aachen, Germany)

I-A2.W.06      **CANNABIS AEROSOL FOR THE TREATMENT OF DIABETIC PERIPHERAL NEUROPATHIC PAIN VIA FIXED-DOSE INHALER - A PHASE II RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL DESIGN CLINICAL TRIAL PROTOCOL**      13:09 - 13:15

*Poster Presenter:* Joshua Aviram (Tel Aviv, Israel)

I-A2.W.07      **EARLY NEUROPATHIC CHANGES IN METABOLIC SYNDROME: CHARACTERIZING C-FIBER DYSFUNCTION AND SKIN MARKERS**      13:15 - 13:21

*Poster Presenter:* Miriam M. Düll (Erlangen, Germany)

I-A2.W.08      **ANTINOCICEPTIVE EFFECTS OF NOVEL CAPSAICIN-BASED INJECTABLE HYDROGELS IN A RAT MODEL OF OSTEOARTHRITIS PAIN**      13:21 - 13:27

*Poster Presenter:* Rosmara Infantino (Naples, Italy)

I-A2.W.09      **SEX AND PHARMACOGENETIC MARKERS IN NEUROPATHIC PAIN MANAGEMENT: PRELIMINARY RESULTS**      13:27 - 13:33

*Poster Presenter:* Dolores Ochoa (Madrid, Spain)



I-A2.W.10      **THERAPEUTIC POTENTIAL OF ASTAXANTHIN IN ALLEVIATING HYPERSENSITIVITY- BEHAVIORAL STUDIES IN MICE WITH DIABETIC NEUROPATHIC PAIN**      13:33 - 13:39

*Poster Presenter:* Katarzyna Ciapała (Kraków, Poland)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**B1. Mechanisms Linking Chronic Pain and its Comorbidities**

*Moderator:* Ginevra Sperandio (Kiel, Germany)

*Moderator:* Vandana Shree Vedartham Srinivasan (Strasbourg, France)

I-B1.W.01      **SPINAL IL-1B SIGNALLING MEDIATES CHRONIC STRESS-INDUCED POTENTIATION OF POST-SURGICAL SOMATOSENSORY HYPERSENSITIVITY AND PAIN-RELATED AVERSION IN MALE RATS**      12:45 - 12:51

*Poster Walk Presenter:* Ariadni Bella (Galway, Ireland)

I-B1.W.02      **ANHEDONIA AS A TRANSDIAGNOSTIC LINK AND TREATMENT TARGET FOR COMORBID CHRONIC PAIN, DEPRESSION, AND FATIGUE**      12:51 - 12:57

*Poster Presenter:* Henrik Heitmann (München, Germany)

I-B1.W.04      **CHRONIC PAIN INDUCED DEPRESSION IN A SEX-SPECIFIC FASHION: ROLE OF THE ANTERIOR CINGULATE CORTEX**      12:57 - 13:03

*Poster Walk Presenter:* Vandana Shree Vedartham Srinivasan (Strasbourg, France)

I-B1.W.05      **NEURAL AND PSYCHOSOCIAL SIGNATURES OF THE COMORBIDITY BETWEEN PAIN AND AFFECTIVE SYMPTOMS: A CROSS-SECTIONAL STUDY IN YOUNG ADULTS FROM THE GENERAL POPULATION**      13:03 - 13:09

*Poster Presenter:* Francesco Scarlatti (Mannheim, Germany)

I-B1.W.06      **THE ROLE OF SYSTEM XC<sup>-</sup> IN ANXIETY AS A COMORBIDITY OR PREDISPOSING FACTOR IN NEUROPATHIC PAIN**      13:09 - 13:15

*Poster Presenter:* Pauline Braconnier (Bruxelles, Belgium)

I-B1.W.07      **CANNABINOID CB<sub>1</sub> RECEPTOR INVOLVEMENT IN THE BENEFICIAL EFFECTS OF ENRICHED ENVIRONMENT IN A RAT MODEL OF NEUROPATHIC PAIN?**      13:15 - 13:21

*Poster Presenter:* Annamária Liptáková (Braga, Portugal)

I-B1.W.08      **A NEUROPSYCHOBIOLOGICAL STRESS-TRIGGERED SIGNATURE OF PAIN AND COMORBIDITY USING DATA FROM LARGE LONGITUDINAL AND CLINICAL SAMPLES**      13:21 - 13:27

*Poster Presenter:* Ginevra Sperandio (Kiel, Germany)

I-B1.W.09      **IDENTIFICATION OF SUSCEPTIBILITY AND RESILIENCE FACTORS RELATED TO THE IMMUNE SYSTEM FOR CHRONIC PAIN AND ITS COMORBIDITY: EVIDENCE FROM ANIMAL AND HUMAN STUDIES**      13:27 - 13:33

*Poster Presenter:* Anh Le (Braga, Portugal)

I-B1.W.10      **EXPLORING SEX DIFFERENCES IN EEG ACTIVITY AND BEHAVIOR IN A MURINE MODEL OF NEUROPATHIC PAIN: THE ANALGESIC AND ANTIDEPRESSANT EFFECTS OF NITROUS OXIDE**      13:33 - 13:39

*Poster Presenter:* Gemma González Hernández (Helsinki, Finland)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**D2. Non-Invasive Brain Stimulation For Chronic Pain**

*Moderator:* Giulia Liberati (Brussels, Belgium)

*Moderator:* Thomas Graven-Nielsen (Aalborg, Denmark)

*Moderator:* Markus Ploner (Munich, Germany)

I-D2.W.01      **REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION HINDERS**      12:45 - 12:45

**FUNCTIONAL RECOVERY IN A SUBGROUP OF PATIENTS WITH CHRONIC LOW BACK PAIN AND CLINICAL FEATURES OF CENTRAL SENSITIZATION**

*Poster Presenter:* Hugo Massé-Alarie (Quebec City, Canada)

I-D2.W.02      **ANALGESIC EFFECTS OF REPEATED TRANSCRANIAL MAGNETIC STIMULATION IN FIBROMYALGIA PATIENTS**      12:45 - 12:45

*Poster Presenter:* Abdul Ansari (Banke, Nepal)

I-D2.W.03      **HOW CAN INDIVIDUALIZED TRANSCRANIAL ALTERNATING CURRENT STIMULATION (TACS) MODULATE PAIN PERCEPTION?**      12:45 - 12:45

*Poster Presenter:* Yaser Fathi Arateh (Brussels, Belgium)

I-D2.W.04      **DELVING INTO THE EFFECTIVENESS AND PAIN PROCESSING MECHANISMS OF AT-HOME TRANSCRANIAL ELECTRICAL STIMULATION IN CANCER PAIN—A SHAM-CONTROLLED TRIPLE-BLINDED RANDOMISED MULTICENTRE CLINICAL TRIAL**      12:45 - 12:45

*Poster Presenter:* Perianen Ramasawmy (Göttingen, Germany)

I-D2.W.05      **MODULATION OF EVENT-RELATED POTENTIALS IN FIBROMYALGIA PATIENTS THROUGH 10HZ TRANSCRANIAL ALTERNATING CURRENT STIMULATION (TACS)**      12:45 - 12:45

*Poster Presenter:* Marta Delgado (Palma, Spain)

I-D2.W.06      **CAN A SINGLE 2MA TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS) SESSION ENHANCE EXERCISE-INDUCED HYPOALGESIA (EIH) COMPARED TO SHAM IN INDIVIDUALS WITH KNEE OSTEOARTHRITIS (OA)?**      12:45 - 12:45

*Poster Presenter:* David Toomey (Auckland, New Zealand)

I-D2.W.07      **USING TRANSCRANIAL DIRECT CURRENT STIMULATION TO REDUCE CHRONIC PAIN IN CLINICAL SETTING - CENTRAL SENSITIZATION AS A PREDICTOR?**      12:45 - 12:45

*Poster Presenter:* Marie-Philippe Harvey (Sherbrooke, Canada)

I-D2.W.08      **EFFECTS OF TDCS ON AFFECTIVE AND COGNITIVE PROCESSING IN HEALTHY INDIVIDUALS: PRELIMINARY RESULTS**      12:45 - 12:45

*Poster Presenter:* Behzad Rostami Sani (Palma de Mallorca, Spain)

I-D2.W.09      **BRAIN OSCILLATIONS EVOKED BY DEEP TRANSCRANIAL MAGNETIC STIMULATION: TARGETING THE ANTERIOR CINGULATE AND POSTERIOR INSULAR CORTICES**      12:45 - 12:45

*Poster Presenter:* Bruno Andry Couto (Aalborg, Denmark)

I-D2.W.10      **A RANDOMIZED, SHAM-CONTROLLED TRIAL OF NAVIGATED REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS) TARGETING PARIETAL OPERCULUM IN DEEP-PHENOTYPED PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME**      12:45 - 12:45

*Poster Presenter:* Eeva Mulo (Turku, Finland)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**A1. Intersection of Lived Experiences: Depression & Chronic Pain**

*Moderator:* Chris Djurtoft (Aalborg, Denmark)

*Moderator:* Lance M. McCracken (Uppsala, Sweden)

*Moderator:* Christopher Veal (Paris, France)

I-A1.W.01      **EXAMINING CLINICALLY MEANINGFUL CHANGE IN PEDIATRIC CHRONIC PAIN TREATMENT ON OUTCOMES OF ANXIETY AND DEPRESSION**      12:45 - 12:51

*Poster Presenter:* Ellison Choate (Palo Alto, United States)

I-A1.W.02      **6-WEEK PAIN EDUCATION GROUP THERAPY HELPS TO MANAGE DEPRESSION AND ANXIETY IN CHRONIC PAIN PATIENTS IN ESTONIA**      12:51 - 12:57

*Poster Presenter:* Annika Albert-Aksjonov (Tartu, Estonia)

I-A1.W.03                    **THE PSYCHOLOGY OF VISCERAL PAINS: EXPLORING WITH QUALITATIVE METHODS**                    12:57 - 13:03

*Poster Presenter:* Amanda C. de C. Williams (London, United Kingdom)

I-A1.W.04                    **INCIDENCE AND PREVALENCE OF THE COMORBIDITY BETWEEN PSYCHOLOGICAL DISTRESS AND FUNCTION-LIMITING MUSCULOSKELETAL PROBLEMS**                    13:03 - 13:09

*Poster Presenter:* Martina Nanteza (Stockholm, Sweden)

I-A1.W.05                    **SCREENING FOR DEPRESSION, ANXIETY, AND DISTRESS ASSOCIATED WITH LOW BACK PAIN. A SCOPING REVIEW**                    13:09 - 13:15

*Poster Presenter:* Julie Sugrue (Limerick, Ireland)

I-A1.W.06                    **PSYCHOLOGICAL PROFILES OF CHRONIC PAIN PATIENTS**                    13:15 - 13:21

*Poster Presenter:* Lilla Nemes-Farle (Szeged, Hungary)

I-A1.W.07                    **EXPLORING SELF-CONCEPT DIFFERENCES AMONG WOMEN WITH FIBROMYALGIA, MAJOR DEPRESSION AND HEALTHY WOMEN**                    13:21 - 13:27

*Poster Presenter:* Miguel Montero-Escobedo (Barcelona, Spain)

I-A1.W.08                    **SLEEP, MEDICATION, AND HEALTH-RELATED QUALITY OF LIFE (HRQOL) OF CHRONIC PAIN PATIENTS IN TWO FINNISH TERTIARY PAIN CLINICS: A CROSS-SECTIONAL STUDY**                    13:27 - 13:33

*Poster Presenter:* Jaakko Ilola (Helsinki, Finland)

I-A1.W.09                    **WHAT IS THE RELATIONSHIP BETWEEN PAIN AND ANXIETY/DEPRESSION IN YOUNG PEOPLE? A PROTOCOL FOR A SYSTEMATIC REVIEW AND META-ANALYSIS OF LONGITUDINAL PROSPECTIVE STUDIES.**                    13:33 - 13:39

*Poster Presenter:* Thi Viet Hai Tran (Falmer, United Kingdom)

I-A1.W.10                    **THE ROLE OF SELF-COMPASSION IN CHRONIC PAIN AND MENTAL HEALTH OUTCOMES**                    13:39 - 13:45

*Poster Presenter:* Jenna Gillett (Coventry, United Kingdom)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

## **C2. Spinal Cord Stimulation**

*Moderator:* Jaroslaw Maciacyk (Bonn, Germany)

*Moderator:* Ilona Obara (Newcastle upon Tyne, United Kingdom)

I-C2.W.01                    **LONG-TERM FOLLOW-UP OF BURST SPINAL CORD STIMULATION IN PATIENTS WITH PAINFUL DIABETIC NEUROPATHY**                    12:45 - 12:51

*Poster Presenter:* Cecile de Vos (Rotterdam, Netherlands)

I-C2.W.02                    **CONSISTENT NEURAL ACTIVATION USING PRECISION, DOSE-CONTROL CLOSED-LOOP SCS LEADS TO DURABLE 3-YEAR OUTCOMES**                    12:51 - 12:57

*Poster Presenter:* Nagy Mekhail (Cleveland, United States)

I-C2.W.03                    **DOSE-DEPENDENT DORSAL COLUMN ACTIVATION AND ITS ESSENTIAL ROLE IN SPINAL CORD STIMULATION-INDUCED ANALGESIA IN AN EXPERIMENTAL MODEL OF NEUROPATHIC PAIN IN RATS**                    12:57 - 13:03

*Poster Presenter:* Eline Versantvoort (United Kingdom)

I-C2.W.04                    **THE IMPACT OF FREQUENCY AND PULSE WIDTH ON ECAP MORPHOLOGY AND DORSAL COLUMN ACTIVATION: INSIGHTS FROM A PRECLINICAL INVESTIGATION**                    13:03 - 13:09

*Poster Presenter:* Kimberley Ladner (Newcastle Upon Tyne, United Kingdom)

I-C2.W.05                    **CLOSED LOOP SPINAL CORD STIMULATION FOR CONTROLLING**                    13:09 - 13:15

**CHRONIC PAIN CONDITIONS; A CASE SERIES**

|  |   |               |
|--|---|---------------|
| I-C2.W.06  | <b>EFFICACY OF SPINAL CORD STIMULATION (SCS) ON QUALITY OF LIFE (QOL): A RETROSPECTIVE STUDY</b>  | 13:15 - 13:21 |
| <i>Poster Presenter:</i> Alberto Merlini (Occhiobello, Italy)    |   |               |
| I-C2.W.07  | <b>THE PREDICTIVE FORMULA TO CHOOSE SPINAL CORD STIMULATION VERSUS TARGETED DRUG DELIVERY IN TREATING CHRONIC PAIN MAY IMPROVE OUTCOMES AND REDUCE EXPLANT: CLEVELAND CLINIC EXPERIENCE</b> | 13:21 - 13:27 |
| <i>Poster Presenter:</i> Nagy Mekhail (Cleveland, United States) |   |               |
| I-C2.W.07  | <b>THERAPISTS' PERSPECTIVES ON A PERSONALIZED BIOPSYCHOSOCIAL REHABILITATION POST SPINAL CORD STIMULATION IMPLANTATION</b>  | 13:27 - 13:27 |
| <i>Poster Presenter:</i> Dries Ceulemans (Gent, Belgium)         |   |               |
| I-C2.W.09  | <b>CLINICAL HOLISTIC RESPONDERS IN PATIENTS WITH PERSISTENT SPINAL PAIN SYNDROME TYPE II TREATED BY SUBTHRESHOLD SPINAL CORD STIMULATION COMPARED TO BEST MEDICAL TREATMENT: A RCT</b>      | 13:27 - 13:33 |
| <i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)        |   |               |
| I-C2.W.10  | <b>EVALUATION OF A SINGLE-TIME E-HEALTH TOOL TO PREDICT EFFICACY OF SPINAL CORD STIMULATION IMPLANTATION IN CHRONIC PAIN PATIENTS</b>   | 13:33 - 13:39 |
| <i>Poster Presenter:</i> Concepción Pérez (Madrid, Spain)        |   |               |

*Topical Workshops*

14:00 - 15:30

Auditorium Lumière (Level Lumière)

**Interoception: Bridging Chronic Pain and Mental Health? Exploring New Insights and Intervention Opportunities Throughout the Lifespan***Chair:* Lauren Heathcote (London, United Kingdom)**Beyond Accuracy: Enhancing Interoception for Anxiety and Pain Relief in Cancer Survivors**

14:00 - 14:25

*Speaker:* Lauren Heathcote (London, United Kingdom)**The fear from insight: Fearful responses to internal bodily sensations in adolescents with chronic pain and their relevance for conception of interoceptive exposure**

14:25 - 14:50

*Speaker:* Tanja Hechler (Münster, Germany)**Meditation and Interoception: Insights into Chronic Low Back Pain Relief**

14:50 - 15:15

*Speaker:* Fadel Zeidan (San Diego, United States)**Joint discussion**

15:15 - 15:30

*Debate Workshops*

14:00 - 15:30

Forum 1 (Level Forum)

**Debate: Work-Related Safety and Ergonomic Guidelines - A Barrier or Facilitator for Musculoskeletal Pain Care?***Chair:* Michiel Reneman (Groningen, Netherlands)**Introduction to the topic of the debate**

14:00 - 14:05

*Speaker:* Michiel Reneman (Groningen, Netherlands)**What have we learnt from 50 years of research in ergonomics and spinal pain management?**

14:05 - 14:15

*Speaker:* Morten Hoegh (Aalborg, Denmark)**Recommendations to bridge ergonomic and clinical guidelines**

14:15 - 14:25

*Speaker:* Michiel Reneman (Groningen, Netherlands)

**General Discussion with the Audience**

14:25 - 15:30

*Topical Workshops*

14:00 - 15:30

Forum 2 (Level Forum)

**Investigating Brain Networks Relevant to Emotional Pain Processing: Emphasis on Research in Special Pediatric and Adult Populations***Chair:* Marina Lopez-Sola (Barcelona, Spain)**Resilience in juvenile fibromyalgia protects against suffering but not sensory symptoms: a Default Mode Network brain signature associated with cognitive flexibility vs. readiness to react**

14:00 - 14:25

*Speaker:* Marina Lopez-Sola (Barcelona, Spain)**Stressful experiences in childhood - Catalyst for vulnerability across pain-related brain regions and opportunity for intervention enhancement.**

14:25 - 14:50

*Speaker:* Sarah Nelson (Boston, United States)**The role of the hippocampus in pain - convergent evidence from pain in hippocampal dysfunction to hippocampal abnormalities in chronic pain**

14:50 - 15:15

*Speaker:* Massieh Moayedi (Toronto, Canada)**Joint discussion**

15:15 - 15:30

*Masterclass Course*

14:00 - 15:30

Rhône 3AB (Level Rhône Pasteur)

**Clinical Masterclass: Risk Factors for Developing Pain: Implications for Real-Life Clinical Practice.***Chair:* Jan Vollert (Exeter, United Kingdom)**Pain and mental health ,À untangling a complex picture and vicious cycle**

14:00 - 14:20

*Speaker:* Jan Vollert (Exeter, United Kingdom)**How quality of sleep impacts pain mechanisms ,À an overview of clinical and experimental studies**

14:20 - 14:40

*Speaker:* Kristian Kjær-Staal Petersen (Aalborg, Denmark)**The differential regulation of facilitatory versus inhibitory processes ,À balancing modulation**

14:40 - 15:00

*Speaker:* Kirsty Bannister (London, United Kingdom)*Topical Workshops*

14:00 - 15:30

Saint-Claire 3AB (Level Saint-Claire)

**Exploring the Shared Experience and Impact of Cancer-Related Pain***Chair:* Martin Galligan (London, United Kingdom)**The Experience of Living with Cancer-related Pain: Patient Story**

14:00 - 14:25

*Speaker:* Felicia Cox (London, United Kingdom)**Exploring the provision of cancer-related pain services across Europe**

14:25 - 14:50

*Speaker:* Johan Haunmann (Amsterdam, Netherlands)**Exploring the experience of healthcare professionals when supporting those with cancer-related pain: findings from phenomenology interviews with healthcare professionals.**

14:50 - 15:15

*Speaker:* Martin Galligan (London, United Kingdom)**Joint discussion**

15:15 - 15:30

*Topical Workshops*

14:00 - 15:30

Auditorium Pasteur (Level Rhône Pasteur)

**The Paradox of Non-Suicidal Self-Injury: Why Do People Cut Themselves - Because of or in Spite of Pain?***Chair:* Christian Schmahl (Mannheim, Germany)**Emotion Dysregulation and Pain Processing: Insights from Stress-Related Disorders**

14:00 - 14:25

*Speaker:* Christian Schmahl (Mannheim, Germany)**Pain Perception and Self-Harm in BPD: Thresholds, Stress Response, and Coping Mechanisms**

14:25 - 14:50

*Speaker:* ULF Baumgärtner (Hamburg, Germany)**Neurophysiological Insights: Disentangling Pain Sensitivity in Self-Harm With and Without Borderline Personality Disorder**

14:50 - 15:15

*Speaker:* Caterina Maria Leone (Roma, Italy)**Joint discussion**

15:15 - 15:30

*Host Society*

14:00 - 15:30

Salon Pasteur (Level Rhône Pasteur)

**French Research Network: Advances in Pain Mechanisms and Therapeutic Approaches***Chair:* Xavier Moisset (Clermont-Ferrand, France)*Chair:* Ipek Yalcin (Strasbourg, France)**C-Low Threshold Mechanoreceptors: from pleasant touch to pain modulation.**

14:00 - 14:12

*Speaker:* Guillaume Robert (Marseille, France)**Plasticity of the opioid system in neuropathic pain**

14:12 - 14:24

*Speaker:* Dominique Massotte (Strasbourg, France)**Molecular mechanisms of analgesic tolerance associated with chronic administration of delta opioid receptor agonists in persistent pain**

14:24 - 14:36

*Speaker:* Frédéric Simonin (Strasbourg, France)**Gut microbiota promotes pain chronicity in Myosin1A deficient male mice**

14:36 - 14:48

*Speaker:* Ana Reynders (Marseille, France)**The human DRG/spinal cord approach in the study of calcium channels in pain**

14:48 - 15:00

*Speaker:* Emmanuel Bourinet (Montpellier, France)**Interaction of psychosocial factors and pain in women victims of violence**

15:00 - 15:12

*Speaker:* Iris Chabrier-Trinkler (Strasbourg, France)*Debate Workshops*

14:00 - 15:30

Rhône 2 (Level Rhône Pasteur)

**Debate: Patient-Centered Management of Osteoarthritis-Related Pain - Recommendations from an International Patient Voice Panel***Chair:* Gudula Petersen (Aachen, Germany)**Introduction to the Topic of the Debate**

14:00 - 14:10

*Speaker:* Gudula Petersen (Aachen, Germany)**Patient-centered management of pain associated with osteoarthritis - view from a pain specialist**

14:10 - 14:20

*Speaker:* Aikaterini Amaniti (Thessaloniki, Greece)**Patient-centered management of pain associated with osteoarthritis - patient perspective**

14:20 - 14:30

Speaker: Nadia Malliou (Brussels, Belgium)

**How patients are partnering with clinicians and researchers in Europe to address the burden of osteoarthritis**

14:30 - 14:40

Speaker: Elsa Frazão Mateus (Portugal)

**General Discussion with the Audience**

14:40 - 15:30

*Breaks*

15:30 - 16:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

**Coffee Break**

*Topical Workshops*

16:00 - 17:30

Auditorium Lumière (Level Lumière)

**Chronic Pain and Substance Use Disorders: Co-Morbidities and Treatment Solutions**

Chair: Martin Cheatle (Philadelphia, United States)

**Behavioral pain management strategies to improve pain and substance use disorder outcomes**

16:00 - 16:20

Speaker: Mark Ilgen (Ann Arbor, United States)

**The relevance of grief in chronic pain, substance abuse and suicide**

16:20 - 16:40

Speaker: Marian Clarke (Dublin, Ireland)

**Pain, substance use disorders and suicide: risk factors and mitigation strategies**

16:40 - 17:00

Speaker: Martin Cheatle (Philadelphia, United States)

**Opioid Use Disorders in Europe: Challenges and Opportunities**

17:00 - 17:20

Speaker: Patrice Forget (Aberdeen, United Kingdom)

**Joint discussion**

17:20 - 17:30

*Topical Workshops*

16:00 - 17:30

Forum 1 (Level Forum)

**Motor Behaviour and Pain in Real Life Settings: Current Clinical and Research Advances**

Chair: Diego Vitali (London, United Kingdom)

**Observing physical activity as an adaptive behavioural pattern: technological resources to monitor, model and interpret movement data in the wild**

16:00 - 16:25

Speaker: Diego Vitali (London, United Kingdom)

**From lab to real life: opportunities and challenges to measure spinal motor behavior**

16:25 - 16:50

Speaker: Guillaume Christe (Lausanne, Switzerland)

**Moving in pain ... Is it a pain point and where does it hurt?**

16:50 - 17:15

Speaker: Mira Meeus (Antwerpen, Belgium)

**Joint discussion**

17:15 - 17:30

*Topical Workshops*

16:00 - 17:30

Forum 2 (Level Forum)

**Spinal Cord Stimulation: Technological Innovations, Recent Clinical Evidence and Preclinical Data on Mechanisms of Action**

Chair: Ilona Obara (Newcastle upon Tyne, United Kingdom)

**Innovation in SCS technology: The impact of recording evoked compound action potentials and closed-loop stimulation on objective clinical outcomes**

16:00 - 16:20

Speaker: Jan Willem Kallewaard (Arnhem, Netherlands)

**Innovation in SCS application: Advancing treatment of Raynaud's syndrome** 16:20 - 16:40

Speaker: Jaroslaw Maciaczyk (Bonn, Germany)

**Innovation in SCS application: Advancing treatment of diabetic neuropathy** 16:40 - 17:00

Speaker: Cecile de Vos (Rotterdam, Netherlands)

**Innovation in pre-clinical SCS research: New directions for improved clinical relevance** 17:00 - 17:20

Speaker: Ilona Obara (Newcastle upon Tyne, United Kingdom)

**Joint discussion** 17:20 - 17:30

#### Masterclass Course

16:00 - 17:30

Rhône 3AB (Level Rhône Pasteur)

#### **Clinical Masterclass: Best Practices for the Management of Acute Low Back Pain**

Chair: Morten Hoegh (Aalborg, Denmark)

**Introduction and Welcome by the Session Chair** 16:00 - 16:05

Speaker: Morten Hoegh (Aalborg, Denmark)

**Non-pharmacological therapies and best practice recommendations for working with pain** 16:05 - 16:25

Speaker: Morten Hoegh (Aalborg, Denmark)

**Acute spine-related leg pain: triaging and management approaches** 16:25 - 16:45

Speaker: Annina Schmid (Oxford, United Kingdom)

**Pharmacological and interventional therapies for acute LBP: Dos or don'ts** 16:45 - 17:05

Speaker: Serge Perrot (Paris, France)

**Joint discussion** 17:05 - 17:20

#### Topical Workshops

16:00 - 17:30

Saint-Claire 3AB (Level Saint-Claire)

#### **Interdisciplinary Approaches to Prevent and Treat the Impact(s) of Psychological , Racism-Based, and Socio-Political Trauma on Youth and Families with Pain**

Chair: Sarah Nelson (Boston, United States)

**Thinking outside the box: Identifying and integrating avenues to optimize healthcare for historically marginalized and/or traumatized youth with pain.** 16:00 - 16:25

Speaker: Sarah Nelson (Boston, United States)

**Using ethologically relevant preclinical models of trauma to understand the neurobiological mechanisms that underlie the intergenerational transmission of risk for pain** 16:25 - 16:50

Speaker: Richelle Mychasiuk (Melbourne, Australia)

**Introducing a model that connects racism exposure and trauma and highlights actionable steps to address barriers for racialized children living with chronic pain** 16:50 - 17:15

Speaker: Anna Hood (Manchester, United Kingdom)

**Joint discussion** 17:15 - 17:30



*Topical Workshops*

16:00 - 17:30

Auditorium Pasteur (Level Rhône Pasteur)

**Cellular and Population-Level Coding of Temperature and Pain in the Rodent and Human Brain***Chair:* Alexandra G. Mitchell (Aarhus, Denmark)**The cellular coding of temperature in the insular cortex**

16:00 - 16:25

*Speaker:* Mikkel Vestergaard (Copenhagen, Denmark)**Nociceptive temperature coding in the anterior cingulate cortex and its contribution to pain behavior in chronic pain**

16:25 - 16:50

*Speaker:* Thomas Nevian (Bern, Switzerland)**From rodent to human: neural codes of temperature and pain in the healthy human brain**

16:50 - 17:15

*Speaker:* Alexandra G. Mitchell (Aarhus, Denmark)**Joint discussion**

17:15 - 17:30

*Topical Workshops*

16:00 - 17:30

Salon Pasteur (Level Rhône Pasteur)

**CB1-Mediated Analgesia: Disambiguating Therapeutic Efficacy and Central Side Effects***Chair:* Livio Luongo (Naples, Italy)**Deciphering functional specificity for CB1 in the brain**

16:00 - 16:25

*Speaker:* Luigi Bellocchio (Bordeaux, France)**The new potent cannabinoid THCP: getting higher...in pain control**

16:25 - 16:50

*Speaker:* Livio Luongo (Naples, Italy)**Can cannabinoid analgesic efficacy be separated from unwanted central nervous system side effects?**

16:50 - 17:15

*Speaker:* Andrea Hohmann (Bloomington, IN, United States)**Joint discussion**

17:15 - 17:30

*Topical Workshops*

16:00 - 17:30

Rhône 2 (Level Rhône Pasteur)

**Temporomandibular Disorders: Novel Insights on the Roles of the Brain, Sleep and Behaviors***Chair:* Iacopo Cioffi (Toronto, Canada)**Temporomandibular disorders: novel insight from behaviour, muscular imaging and neuroimaging**

16:00 - 16:20

*Speaker:* Iacopo Cioffi (Toronto, Canada)**Sleep bruxism, OSA, and temporomandibular disorders: revising the concept of comorbidity**

16:20 - 16:40

*Speaker:* Maria Clotilde Carra (Paris, France)**Temporomandibular disorders: the need for a multimodal approach**

16:40 - 17:00

*Speaker:* Sandro Palla (Zurich, Switzerland)

II-C.09

**ARTIFICIAL INTELLIGENCE FOR DETECTING TEMPOROMANDIBULAR JOINT ABNORMALITIES USING PANORAMIC IMAGES: A SCREENING TOOL FOR MRI-DETECTED PATHOLOGIES**

17:00 - 17:10

*Poster Presenter:* Younjung Park (Seoul, Korea, Republic of)**Joint discussion**

17:10 - 17:30

*Topical Workshops*

17:45 - 19:15

Auditorium Lumière (Level Lumière)

**The Concept of Mixed Pain: Should We Update Pain Taxonomy?***Chair:* Rainer Freynhagen (Feldafing, Germany)**Introduction to mixed pain**

17:45 - 18:05

*Speaker:* Rainer Freynhagen (Feldafing, Germany)**What is Mixed Pain? Do We Need an Additional Definition in Pain Taxonomy?**

18:05 - 18:25

*Speaker:* Andrea Truini (Rome, Italy)**How to Detect Mixed Pain in Clinical Practice**

18:25 - 18:45

*Speaker:* Ralf Baron (Kiel, Germany)**Does Mixed Pain Require a Dedicated Therapeutic Approach?**

18:45 - 19:05

*Speaker:* Bart Morlion (Leuven, Belgium)**Joint discussion**

19:05 - 19:15

*Topical Workshops*

17:45 - 19:15

Forum 1 (Level Forum)

**Translating Non-Invasive Neuromodulation into Clinical Practice in Chronic Pain (and Depression)***Chair:* Giulia Liberati (Brussels, Belgium)**Novel pain neuromodulation approaches inspired by the treatment of depression: real-time EEG-based TMS**

17:45 - 18:09

*Speaker:* Giulia Liberati (Brussels, Belgium)**Non-invasive neuromodulation of one or more cortical targets and the effects on pain mechanisms and neurophysiological correlates**

18:09 - 18:33

*Speaker:* Thomas Graven-Nielsen (Aalborg, Denmark)**How can we integrate non-invasive neuromodulation into the multimodal treatment of pain?**

18:33 - 18:57

*Speaker:* Markus Ploner (Munich, Germany)**I-D.71 PRE-SLEEP ALPHA BRAIN ENTRAINMENT BY AUDIO OR VISUAL STIMULATION FOR PAIN AND SLEEP DISTURBANCE IN FIBROMYALGIA: A SHAM-CONTROLLED RANDOMISED CROSSOVER FEASIBILITY TRIAL**

18:57 - 19:02

*Poster Presenter:* Stephen Halpin (Leeds, United Kingdom)**Joint discussion**

19:02 - 19:15

*Topical Workshops*

17:45 - 19:15

Forum 2 (Level Forum)

**The Interplay between Pain and Mental Health Disturbances in Autism and Neurodevelopmental Disabilities: From the Lab to the Real-World***Chair:* Irit Weissman-Fogel (Haifa, Israel)**The enigma of pain in autism: An integrative overview of the relationships between physiology, behaviour, and coping with pain**

17:45 - 18:10

*Speaker:* Irit Weissman-Fogel (Haifa, Israel)**Self injurious behaviour, pain, and neurodevelopmental disability: Investigating and integrating biomarkers and behavioural observation to improve our understanding of risk**

18:10 - 18:35

*Speaker:* Frank Symons (Minneapolis, United States)**The co-morbidity of pain and mental health difficulties: Prevalence, impact and prospects for psychological interventions**

18:35 - 19:00

*Speaker:* Brian McGuire (Galway, Ireland)

**Joint discussion**

19:00 - 19:15

*Masterclass Course*

17:45 - 19:15

Rhône 3AB (Level Rhône Pasteur)

**Clinical Masterclass: Evaluation, Management, and Treatment of Pruritus***Chair:* Laurent Misery (Brest, France)**Pruritus and pain**

17:45 - 18:10

*Speaker:* Martin Schmelz (Mannheim, Germany)**Neuropathic itch**

18:10 - 18:35

*Speaker:* Manuel Pereira (Berlin, Germany)**Pathophysiology and treatment of pruritus**

18:35 - 19:00

*Speaker:* Laurent Misery (Brest, France)**Joint Discussion**

19:00 - 19:15

*Topical Workshops*

17:45 - 19:15

Saint-Claire 3AB (Level Saint-Claire)

**Improving Work Outcomes in Chronic Pain: Insights on Pain-Work Relationship and the Effects of Work-Focused Interventions***Chair:* Joanna McParland (Glasgow, United Kingdom)**New approaches to reduce the size of the impact of pain on work**

17:45 - 18:10

*Speaker:* Marty Lynch (Keele, United Kingdom)**Work-focussed healthcare: how to overcome barriers?**

18:10 - 18:35

*Speaker:* Nathan Hutting (Arnhem, Netherlands)**A systematic review of psychological interventions to improve work outcomes among people with chronic pain**

18:35 - 19:00

*Speaker:* Joanna McParland (Glasgow, United Kingdom)**Joint discussion**

19:00 - 19:15

*Topical Workshops*

17:45 - 19:15

Auditorium Pasteur (Level Rhône Pasteur)

**The Intersection of Pain, Reward and Addiction: Preclinical and Clinical Insights into Opioid Motivation***Chair:* Marie Eikemo (Oslo, Norway)**Opioid-Sensitive Habenular Neurons: Key Regulators of Negative Affect**

17:45 - 18:10

*Speaker:* Emmanuel Darcq (Strasbourg, France)**Pharmacological Treatment of Opioid Use Disorder and Implications for Pain**

18:10 - 18:35

*Speaker:* Martin Trøstheim (Oslo, Norway)**Short- and Long-Term Effects of Opioid Receptor Drugs on Reward Behavior, Experience and Motivation**

18:35 - 19:00

*Speaker:* Marie Eikemo (Oslo, Norway)**Joint discussion**

19:00 - 19:15

*Host Society*

17:45 - 19:15

Salon Pasteur (Level Rhône Pasteur)

**French Touch: Crossed Views on Ocular Pain/Regards Croisés sur la Douleur Oculaire***Chair:* Geneviève Demarquay (Lyon, France)*Chair:* Nathan Moreau (Paris, France)

|  |                                    |
|--|------------------------------------|
| <b>Ocular nociception and corneal pain / <i>Nociception oculaire et douleurs cornéennes</i></b>  | 17:45 - 18:10                      |
| <i>Speaker:</i> Annabelle Reaux-Le Goazigo (Paris, France)   |                                    |
| <b>Acute eye pain and neuro-ophthalmic pathologies/<i>Douleurs oculaires aiguës et pathologies neuro-ophtalmiques</i></b>                        | 18:10 - 18:35                      |
| <i>Speaker:</i> Catherine Vignal-Clermont (Paris, France)  |                                    |
| <b>Eye pain and headaches/<i>Douleurs oculaires et céphalées</i></b>   | 18:35 - 19:00                      |
| <i>Speaker:</i> Anne Donnet (Marseille, France)  |                                    |
| <b>Joint Discussion</b>  | 19:00 - 19:15                      |
| <br><i>Demonstration Workshops</i>   |                                    |
| 17:45 - 19:15  | Rhône 2 (Level Rhône Pasteur)      |
| <b>Intrathecal Drug Delivery To Treat Refractory Pain</b>  |                                    |
| <i>Chair:</i> Denis Dupoiron (Angers, France)  |                                    |
| <b>Intrathecal drug delivery: Evidence - drugs diffusion and management - devices: recent insights</b>   | 17:45 - 18:10                      |
| <i>Speaker:</i> Maria Luz Padilla del Rey (Geneva, Switzerland)  |                                    |
| <b>Intrathecal Drug Delivery for cancer pain: it's time to change the paradigm</b>   | 18:10 - 18:35                      |
| <i>Speaker:</i> Denis Dupoiron (Angers, France)  |                                    |
| <b>Recent Poly Analgesic Conference consensus: What is the process of adapting it to healthcare systems in Europe: European recommendations?</b> | 18:35 - 19:00                      |
| <i>Speaker:</i> Christophe C. Perruchoud (Meyrin/Geneve, Switzerland)  |                                    |
| <b>Discussion &amp; Q&amp;A</b>  | 19:00 - 19:15                      |
| <br><i>Networking and Orientation</i>  |                                    |
| 19:30 - 20:50  | Auditorium Lumière (Level Lumière) |
| <b>Opening Ceremony &amp; Reception</b>  |                                    |
| <b>Welcome from the EFIC President, Recognitions and Awards</b>  | 19:30 - 20:30                      |

**Friday, 25. April 2025***Networking and Orientation*

08:00 - 09:00

Rhône 3AB (Level Rhône Pasteur)

**Pain & Pastries: After your PhD: Perspectives in Industry and Academia***Chair:* Jan Vollert (Exeter, United Kingdom)*Chair:* Kristian Kjær-Staal Petersen (Aalborg, Denmark)**Panel Discussion - How to Prepare for the End of Your PHD (Academia and Industry)**

08:00 - 08:30

**Academia Perspective**

08:30 - 08:40

*Speaker:* Esther Berrocoso (Cadiz, Spain)**Industry Perspective**

08:40 - 08:50

*Speaker:* Jens Nagel (Frankfurt Main, Germany)*Speaker:* Trine Andresen (Aalborg, Denmark)**Post-Doc Perspective**

08:50 - 09:00

*Speaker:* Sonia Medina (Exeter, United Kingdom)*Industry Sessions and Workshops*

08:00 - 09:00

Salon Pasteur (Level Rhône Pasteur)

**Industry Sponsored Session***Networking and Orientation*

08:00 - 09:00

Rhône 2 (Level Rhône Pasteur)

**Pain and Pastries: Integrating Research into your Clinical Practice***Chair:* André Mouraux (Louvain-la-Neuve, Belgium)**Panel Discussion: How to Prepare for the End of Your PHD (clinical)**

08:00 - 09:00

*Speaker:* Daniel Ciampi de Andrade (Aalborg, Denmark)*Speaker:* Xavier Moisset (Clermont-Ferrand, France)*Speaker:* Daniela Rosenberger (Muenster, Germany)*Speaker:* Esther Pogatzki-Zahn (Münster, Germany)*Poster Prize Session*

08:00 - 09:00

Foyer Rhône: ePoster Foyer (Level Rhône Pasteur)

**Poster Prize Presentation Session II: Basic and Translational + Clinical***Chair:* Thomas Graven-Nielsen (Aalborg, Denmark)*Moderator:* Ipek Yalcin (Strasbourg, France)*Moderator:* Massieh Moayedi (Toronto, Canada)*Moderator:* Susanne Becker (Düsseldorf, Germany)*Moderator:* Andrea Bedini (Italy)*Moderator:* Paul Jarle Mork (Trondheim, Norway)*Moderator:* Serge Perrot (Paris, France)*Moderator:* Madelon Peters (Maastricht, Netherlands)*Moderator:* Caterina Maria Leone (Roma, Italy)

I-C.40

**EFFECTS OF SUPPRESSED MOTOR RESPONSES ON NEURAL PAIN SIGNATURES**

08:00 - 08:06

*Poster Presenter:* Lars Keuter (Hamburg, Germany)

III-B.30

**CRITICAL CONTRIBUTION OF  $NA_v1.7$  AND  $NA_v1.9$  TO ACTION POTENTIAL UPSTROKE IN MECHANOINSENSITIVE C-FIBERS**

08:06 - 08:12

*Poster Presenter:* Marie Mehlfeldt (Aachen, Germany)

II-C2.W.01

**UNCOVERING THE FUNCTIONAL RELATIONSHIP BETWEEN PAIN PERCEPTION AND THE MODULATION OF ONGOING OSCILLATIONS IN THE HUMAN POSTERIOR INSULA USING INTRACEREBRAL EEG**

08:12 - 08:18

*Poster Presenter:* Chiara Leu (Brussels, Belgium)

II-B1.W.01      **ALTERATIONS OF PERIPHERAL BLOOD MONONUCLEAR CELL AND DORSAL ROOT GANGLIA TRANSCRIPTOMICS AND PLASMA METABOLITE PROFILE IN THE CHRONIC RESTRAINT STRESS-INDUCED PAIN MODEL OF MICE**      08:18 - 08:24

*Poster Presenter:* Ágnes Király (Pécs, Hungary)

I-C1.W.01      **TRAJECTORIES OF SCHOOL ABSENTEEISM: LONGITUDINAL ASSOCIATIONS WITH PAIN AND STRESS IN CHILDHOOD AND WITH SICK LEAVE AND DISABILITY PENSION IN ADULTHOOD**      08:24 - 08:30

*Poster Presenter:* Nadezhda Golovchanova (Örebro, Sweden)

I-D1.W.08      **EFFECTS OF IATROGENIC OPIOID WITHDRAWAL NESTED IN A COGNITIVE BEHAVIORAL TREATMENT FOR CHRONIC PAIN**      08:30 - 08:36

*Poster Presenter:* Cornelis Paul van Wilgen (Groningen, Netherlands)

II-A.51      **CENTRALISED PAIN PREDICTS WORSE PAIN OUTCOMES IN EARLY RHEUMATOID ARTHRITIS: A PROSPECTIVE COHORT STUDY WITH EMBEDDED NEUROIMAGING STUDY**      08:36 - 08:42

*Oral Abstract Presenter:* Eoin Kelleher (Oxford, United Kingdom)

II-C2.W.02      **NEURAL CORRELATES OF AFFECTIVE SYMPTOMS IN JUVENILE FIBROMYALGIA: A MULTISENSORY FMRI STUDY**      08:42 - 08:48

*Poster Presenter:* Laura Martín Herrero (Barcelona, Spain)

I-D2.W.01      **REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION HINDERS FUNCTIONAL RECOVERY IN A SUBGROUP OF PATIENTS WITH CHRONIC LOW BACK PAIN AND CLINICAL FEATURES OF CENTRAL SENSITIZATION**      08:48 - 08:54

*Poster Presenter:* Hugo Massé-Alarie (Quebec City, Canada)

II-B.17      **THE ROLE OF PAIN EXPECTANCY AND ITS CONFIDENCE IN PLACEBO HYPOALGESIA AND NOCEBO HYPERALGESIA**      08:54 - 09:00

*Poster Presenter:* Eleonora Maria Camerone (Milan, Italy)

*Networking and Orientation*

08:30 - 09:00

Auditorium Lumière (Level Lumière)

**EFIC Exams Diploma Ceremony**

*Plenary*

09:00 - 09:30

Auditorium Lumière (Level Lumière)

**Translation and Back-translation: Animal Models of Chronic Pain and Mood Disorders**

*Chair:* Ipek Yalcin (Strasbourg, France)

**Translation and back-translation: animal models to understand the neurobiological mechanisms and interactions between chronic pain and mood disorders**      09:00 - 09:30

*Plenary Speaker:* Michelle Roche (Ireland)

*Plenary*

09:30 - 10:00

Auditorium Lumière (Level Lumière)

**Brain Stimulation to Treat Chronic Pain and Psychiatric Disorders**

*Chair:* Denys Fontaine (Nice, France)

**Non-invasive brain stimulation to treat chronic pain and psychiatric disorders: targets, (shared) mechanisms and clinical outcome**      09:30 - 09:45

*Plenary Speaker:* Daniel Ciampi de Andrade (Aalborg, Denmark)

**Deep brain stimulation to treat chronic pain and psychiatric disorders: targets, (shared) mechanisms and clinical outcome**      09:45 - 10:00

*Plenary Speaker:* Dirk Rasche (Germany)

*Plenary*

10:00 - 10:30

Auditorium Lumière (Level Lumière)

**Joint Plenary Lecture with the European Headache Federation (EHF): Monoclonal Antibody Therapies for Chronic Pain***Chair:* Geneviève Demarquay (Lyon, France)*Chair:* Eric Serra (Amiens, France)**Monoclonal antibodies targeting the CGRP pathway for migraine prophylaxis**

10:00 - 10:15

*Plenary Speaker:* Simona Sacco (Italy)**Anti-NGF monoclonal antibodies for the treatment of chronic pain**

10:15 - 10:30

*Plenary Speaker:* Martin Schmelz (Mannheim, Germany)*Breaks*

10:30 - 11:00

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**Coffee Break***Topical Workshops*

11:00 - 12:30

Auditorium Lumière (Level Lumière)

**Revised Treatment Guidelines for Neuropathic Pain: Pharmacotherapy and Neuromodulation***Chair:* Xavier Moisset (Clermont-Ferrand, France)**Methods used for an optimal systematic review with meta-analysis**

11:00 - 11:21

*Speaker:* Nadia Soliman (London, United Kingdom)**New recommendations for the use of pharmacological treatments to relieve neuropathic pain**

11:21 - 11:42

*Speaker:* Xavier Moisset (Clermont-Ferrand, France)**New recommendations for the use of neuromodulation to relieve neuropathic pain**

11:42 - 12:03

*Speaker:* Nadine Attal (Boulogne Billancourt, France)

I-D.73

**SAFETY AND FEASIBILITY OF ANTERIOR CINGULATE AND THALAMUS DEEP BRAIN STIMULATION IN NEUROPATHIC PAIN**

12:03 - 12:13

*Poster Presenter:* Denys Fontaine (Nice, France)**Joint discussion**

12:13 - 12:30

*Topical Workshops*

11:00 - 12:30

Forum 1 (Level Forum)

**Stress-Pain Interactions: Neurobiological Mechanisms and Clinical Implications***Chair:* David Finn (Galway, Ireland)**Bidirectional effects of stress on pain: sites and mechanisms**

11:00 - 11:21

*Speaker:* David Finn (Galway, Ireland)**Unraveling the Molecular Mechanisms Behind Stress-Induced Vulnerability to Chronic Pain**

11:21 - 11:42

*Speaker:* Sandrine Géranton (London, United Kingdom)**Effects of acute and chronic stress on the pain system: The role of posttraumatic symptoms**

11:42 - 12:03

*Speaker:* Ruth Defrin (Tel Aviv, Israel)

II-A.04

**STRESS-INDUCED MECHANICAL AND THERMAL PAIN SENSITISATION MEDIATED THROUGH CENTRAL NERVOUS SYSTEM CELL SIGNALLING**

12:03 - 12:13

*Oral Abstract Presenter:* Barbara Fülöp (Pécs, Hungary)**Joint discussion**

12:13 - 12:26

*Debate Workshops*

11:00 - 12:30

Forum 2 (Level Forum)

**Debate: Can Digital Interventions Benefit People Living with Chronic Pain?***Chair:* Indre Bilevciciute-Ljungar (Stockholm, Sweden)**Introduction to the Topic of the Debate**

11:00 - 11:05

*Speaker:* Indre Bilevciciute-Ljungar (Stockholm, Sweden)**Digital tools for chronic pain management - which form and how are they used?**

11:05 - 11:15

*Speaker:* Jules Phalip (Clermont-Ferrand, France)**Long-term follow-up after team-based telerehabilitation for postcovid syndrome, including pain symptoms**

11:15 - 11:25

*Speaker:* Indre Bilevciciute-Ljungar (Stockholm, Sweden)**Different people, different benefits: A diary-based single-case experimental design study detecting effects of a digital behavioural intervention**

11:25 - 11:35

*Speaker:* Sara Laureen Bartels (Maastrich, Netherlands)

I-D.10

**EFFECTIVENESS OF ONLINE PAIN MANAGEMENT PROGRAMS ON IMPROVING PAIN SELF-EFFICACY AND KINESIOPHOBIA: A SYSTEMATIC REVIEW AND META-ANALYSIS**

11:35 - 11:45

*Poster Presenter:* Tania Gardner (Sydney, Australia)**General Discussion with the Audience**

11:45 - 12:30

*Masterclass Course*

11:00 - 12:30

Rhône 3AB (Level Rhône Pasteur)

**Clinical Masterclass: Preoperative and Post-Operative Opioids.***Chair:* Siri Leknes (Oslo, Norway)**How the opioid epidemic has changed opioid prescribing after surgery**

11:00 - 11:25

*Speaker:* Chad Brummett (Ann Arbor, United States)**Navigating safely between effect and adverse events in perioperative opioid use**

11:25 - 11:50

*Speaker:* Eske Aasvang (Copenhagen, Denmark)**Are some opioids better than others? - a closer look at opioids, and their affective side effects**

11:50 - 12:15

*Speaker:* Siri Leknes (Oslo, Norway)**Joint Discussion**

12:15 - 12:30

*Topical Workshops*

11:00 - 12:30

Saint-Claire 3AB (Level Saint-Claire)

**Connecting Emotions, Brain, and Body in Complex Regional Pain Syndrome as a Model for Pain Chronification after Trauma***Chair:* Heike Rittner (Würzburg, Germany)**A 2-year observational study in complex regional pain syndrome: pain resolution and emotional well-being**

11:00 - 11:21

*Speaker:* Heike Rittner (Würzburg, Germany)**Emotional, cognitive, and psychiatric morbidity in patients with CRPS**

11:21 - 11:42

*Speaker:* Eija Kalso (Helsinki, Finland)**Resting-state brain activity in transition from acute to chronic CRPS**

11:42 - 12:03

*Speaker:* Paul Geha (Rochester, NY, United States)



I-A.30 **ALTERED GUT MICROBIOME COMPOSITION AND FUNCTION IN INDIVIDUALS WITH COMPLEX REGIONAL PAIN SYNDROME** 12:03 - 12:13

Poster Presenter: Amir Minerbi (Rambam, Israel)

**Joint discussion** 12:13 - 12:30

Topical Workshops  
11:00 - 12:30

Auditorium Pasteur (Level Rhône Pasteur)

**Neuroimaging- and Neurophysiology-Based Predictive Models of Acute and Chronic Pain**

Chair: Etienne Vachon-Pressseau (Montreal, Canada)

**How does the environment influence my pain? The use of Multivariate Pattern Analysis to develop a brain activity signature predicting the modulation of pain perception.** 11:00 - 11:20

Speaker: Laura Malaguti Modernell (Lyon, France)

**The assistance of machine learning in pain detection from electrophysiological correlates** 11:20 - 11:40

Speaker: Florian Chouchou (Saint Denis, France)

**Exploring multiscale brain changes in neuropathic pain to isolate potential targets in neuromodulation.** 11:40 - 12:00

Speaker: Camille Fauchon (Clermont-Ferrand, France)

**Brain based signatures for the prediction of widespread pain** 12:00 - 12:20

Speaker: Etienne Vachon-Pressseau (Montreal, Canada)

**Joint discussion** 12:20 - 12:30

Topical Workshops  
11:00 - 12:30

Salon Pasteur (Level Rhône Pasteur)

**Sleep and Pain - Clearing the Brain**

Chair: Walter Magerl (Mannheim, Germany)

**Sleep and pain - a maladaptive mutual relationship** 11:00 - 11:20

Speaker: Walter Magerl (Mannheim, Germany)

**Sleep and its role in musculoskeletal disease** 11:20 - 11:40

Speaker: Nils A. Runge (Brussels, Belgium)

**Sleep and its relation to cognitive functioning and memory** 11:40 - 12:00

Speaker: Hannah Schmidt (Tübingen, Germany)

**Clearing the brain - Glymphatic flow and its relation to sleep and pain** 12:00 - 12:20

Speaker: Tuomas Lilius (Helsinki, Finland)

**Joint discussion** 12:20 - 12:30

Topical Workshops  
11:00 - 12:30

Rhône 2 (Level Rhône Pasteur)

**Innovative Approaches to Pain Management in Rheumatoid Arthritis, Mapping Mechanisms to Treatments: Insights into Peripheral and Central Sensitisation**

Chair: Stephanie Smith (Nottingham, United Kingdom)

**Activation and sensitisation of joint nociceptors by the immune system** 11:00 - 11:21

Speaker: Hans-Georg Schaible (Jena, Germany)

**How much of a role does central pain processing play in individuals with rheumatoid arthritis?** 11:21 - 11:42

Speaker: Stephanie Smith (Nottingham, United Kingdom)

|                          |  |   |
|--------------------------|--|---|
|                          | <b>From pain mechanisms to individualized analgesic treatment in RA</b>  | 11:42 - 12:03                                     |
|                          | <i>Speaker:</i> Serge Perrot (Paris, France)   |   |
| II-A-51                  | <b>CENTRALISED PAIN PREDICTS WORSE PAIN OUTCOMES IN EARLY RHEUMATOID ARTHRITIS: A PROSPECTIVE COHORT STUDY WITH EMBEDDED NEUROIMAGING STUDY</b>  | 12:03 - 12:13                                     |
|                          | <i>Oral Abstract Presenter:</i> Eoin Kelleher (Oxford, United Kingdom)   |   |
|                          | <b>Joint discussion</b>  | 12:13 - 12:30                                     |
| <i>Posters</i>           |  |   |
| 12:30 - 14:00            |  | Forum 4&5: Exhibition & Poster Area (Level Forum) |
| <b>D. Pain Therapies</b> |  |   |
| II-D-01                  | <b>PSYCHOLOGICALLY RELEVANT PATIENT REPORTED OUTCOME MEASURES (PROMS) FOR ASSESSMENT AND INTERVENTION IN PAIN NEUROMODULATION SERVICES</b>   | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> John O'Sullivan (London, United Kingdom)  |   |
| II-D-02                  | <b>NON-INVASIVE VAGUS NERVE STIMULATION TO MODULATE NOCICEPTION; HEART RATE VARIABILITY AND BALANCE: PRELIMINARY RESULTS FROM A RANDOMIZED SINGLE-BLINDED STUDY</b>                        | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Giacomo Carta (Vienna, Austria)   |   |
| II-D-03                  | <b>A RANDOMIZED SHAM-CONTROLLED CROSSOVER STUDY USING EXOPULSE MOLLII SUIT IN FIBROMYALGIA</b>   | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Joseph G. Mattar (Créteil, France)  |   |
| II-D-04                  | <b>THE THERAPEUTIC EFFECT OF PLATELET-RICH PLASMA ON CHRONIC PAIN</b>  | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Sarah Jester (Strasbourg, France)   |   |
| II-D-05                  | <b>EFFECTIVENESS OF EMG BIOFEEDBACK TRAINING ON NECK PAIN MANAGEMENT AMONG PATIENTS WITH CERVICAL SPONDYLOSIS</b>  | 12:30 - 12:30                                     |
| II-D-06                  | <b>EFFECT OF NADA EAR ACUPUNCTURE AND MEDICAL ACUPUNCTURE FOR CENTRAL SENSITIZATION, PRESSURE AND TEMPERATURE PAIN THRESHOLDS IN OLDER PATIENTS WITH CHRONIC NONSPECIFIC LOW BACK PAIN</b> | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Monika Rybicka (Los Angeles, United States)   |   |
| II-D-07                  | <b>SHORT-TERM PSYCHOEDUCATIONAL INTERVENTIONS FOR CHRONIC NON-CANCER PAIN- A SYSTEMATIC REVIEW OF EFFECTS ON PAIN CATASTROPHIZING</b>  | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Mark Puch Oernskov (Copenhagen, Denmark)  |   |
| II-D-08                  | <b>PATIENTS' EXPERIENCES OF TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION AS A POSTOPERATIVE PAIN RELIEF METHOD IN THE POST-ANAESTHESIA CARE UNIT AFTER LAPAROSCOPIC CHOLECYSTECTOMY</b>     | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Cecilia Ögren (Gothenburg, Sweden)  |   |
| II-D-09                  | <b>ENGAGING ADOLESCENTS, PARENTS AND HEALTHCARE PROVIDERS IN CO-CREATING PERSON-CENTERED INTERVENTIONS FOR ADOLESCENTS WITH PERSISTENT PAIN</b>  | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Henriette Jahre (Oslo, Norway)  |   |
| II-D-10                  | <b>IMPEDIMENTS AND SUPPORT FOR THE IMPLEMENTATION OF PAIN REPROCESSING THERAPY (PRT) IN A TERTIARY CARE CHRONIC PAIN CLINIC</b>  | 12:30 - 12:30                                     |
|                          | <i>Poster Presenter:</i> Jennifer Cogan (Montreal, Canada)   |   |
| II-D-11                  | <b>THE EFFECT OF MILD EXERCISE DURING CHEMOTHERAPY ON</b>  | 12:30 - 12:30                                     |

**CANCER PATIENTS STRESS LEVEL**

*Poster Presenter:* Christine Mavrogiannopoulou (Heraklion, Greece)

- II-D-13                    **COMPARISONS BETWEEN POST-ISOMETRIC RELAXATION  
TECHNIQUE AND MYOFASCIAL RELEASE TECHNIQUE ON  
MUSCLE STIFFNESS AND PAIN IN INDIVIDUALS WITH BRUXISM**                    12:30 - 12:30

*Poster Presenter:* Yunus Emre TÜTÜNEKEN (Istanbul, Turkey)

- II-D-15                    **SEROTONERGIC TONE AND EXTRACRANIAL PRESSURE PAIN  
THRESHOLDS ARE SURROGATES OF RESPONSE TO PAIN  
EDUCATION IN CHRONIC MIGRAINE PATIENTS**                    12:30 - 12:30

*Oral Abstract Presenter:* Daniele Lovattini (Milan, Italy)

- II-D-17                    **COMPARISON OF THE EFFECTS OF TAPING AND MANUAL  
THERAPY APPROACHES ON PAIN, FUNCTIONAL LEVEL AND  
DAILY LIVING ACTIVITIES IN HEMIPLEGIC SHOULDER PAIN**                    12:30 - 12:30

*Poster Presenter:* Çiçek Günday (İstanbul, Turkey)

- II-D-18                    **PERSISTENCE OVER AVOIDANCE: A LONGITUDINAL  
OBSERVATIONAL COHORT STUDY ON ACUTE LOW BACK PAIN**                    12:30 - 12:30

*Poster Presenter:* Sabina Hotz-Boendermaker (Winterthur, Switzerland)

- II-D-19                    **NEW COMPLEMENTARY APPROACH TO IMPROVE CONDITION OF  
PATIENTS SUFFERING FROM CHRONIC PAIN: A PILOT STUDY**                    12:30 - 12:30

*Poster Presenter:* Audrey Vanhaudenhuyse (Liege, Belgium)

- II-D-20                    **VIRTUAL REALITY HYPNOSIS AS A PAIN AND ANXIETY RELIEF  
STRATEGY IN ONCOLOGY PATIENTS DURING A PORT-A-CATH  
PLACEMENT PROCEDURE: A PILOT STUDY**                    12:30 - 12:30

*Poster Presenter:* Audrey Vanhaudenhuyse (Liege, Belgium)

- II-D-21                    **NO EVIDENCE THAT NECK-BASED LEFT/RIGHT JUDGMENT  
TASKS ELICIT MOTOR IMAGERY OF NECK MOVEMENTS**                    12:30 - 12:30

*Poster Presenter:* Ziyang Chen (Birmingham, United Kingdom)

- II-D-22                    **PRIMARY HEALTHCARE EXPERIENCES OF PATIENTS WITH NON-  
SPECIFIC LOW BACK PAIN REFERRED TO PHYSIOTHERAPY IN  
ESTONIA: A QUALITATIVE STUDY OF CONSULTATION CONTENT  
AND COMMUNICATION**                    12:30 - 12:30

*Poster Presenter:* Martin Argus (Tallinn, Estonia)

- II-D-23                    **VIRTUAL REALITY FOR FIBROMYALGIA**                    12:30 - 12:30

*Poster Presenter:* Jean-Marie Amodeo (Monaco, Monaco)

- II-D-24                    **TAILORED PHYSICAL ACTIVITY INTERVENTIONS FOR CHRONIC  
PAIN PATIENTS: INSIGHTS FROM A MIXED-METHODS STUDY**                    12:30 - 12:30

*Oral Abstract Presenter:* Ian-Ju Liang (Dundee, United Kingdom)

- II-D-25                    **EFFECTS OF PHOTOBIO-MODULATION IN DIABETIC  
NEUROPATHIC PAIN AND WOUND: SYSTEMATIC REVIEW AND  
META-ANALYSIS**                    12:30 - 12:30

*Poster Presenter:* Wei-Chih Lien (Tainan, Taiwan, China)

- II-D-26                    **ADDITIONAL EFFECTS OF PAIN NEUROSCIENCE EDUCATION  
COMBINED WITH PHYSIOTHERAPY ON HEADACHE FREQUENCY**                    12:30 - 12:30

*Oral Abstract Presenter:* Ruth Meise (Luebeck, Germany)

- II-D-27                    **DEVELOPMENT AND FEASIBILITY TESTING OF AN OPIOID-  
DEPRESCRIBING-SUPPORT-EDUCATIONAL-PROGRAM FOR  
HEALTHCARE PROFESSIONALS IN PRIMARY CARE: A PROCESS  
EVALUATION STUDY**                    12:30 - 12:30

*Poster Presenter:* Anne Mette Drastrup (Silkeborg, Denmark)

- II-D-28                    **THE USE OF AUGMENTED REALITY FOR QUTENZA RELATED  
PROCEDURAL PAIN**                    12:30 - 12:30

*Poster Presenter:* Anna Marie Kiernan (Croom, Co Limerick, Ireland)

|  |   |               |
|--|---|---------------|
| II-D-29  | <b>EVALUATING THE EFFECTIVENESS OF A VIRTUAL REALITY-BASED LUMBAR AND CERVICAL SPINE SCHOOL PROGRAM</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Hanife Abakay (Kayseri, Turkey)             |   |               |
| II-D-30  | <b>ULTRASOUND-GUIDED CRYONEUROLYSIS FOR THE TREATMENT OF ANTERIOR CUTANEOUS NERVE ENTRAPMENT SYNDROME: A CASE REPORT</b>  | 12:30 - 12:30 |
| II-D-33  | <b>PNEUMOTHORAX AFTER ACUPUNCTURE: A CASE REPORT</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Robin Rongbing Hua (Singapore, Singapore)   |   |               |
| II-D-35  | <b>INVESTIGATING NOCICEPTIVE NEURAL RESPONSES UNDER FOCUSED HYPNOANALGESIA: LOCAL AND REMOTE EFFECTS</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Amélie Van Caekenberghe (Brussels, Belgium) |   |               |
| II-D-37  | <b>DANCE THERAPY AS A NON-PHARMACOLOGICAL INTERVENTION FOR CHRONIC PAIN IN ADOLESCENTS</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Caroline Perchet (Lyon, France)             |   |               |
| II-D-38  | <b>INSULA DEEP BRAIN STIMULATION FOR CHRONIC NEUROPATHIC PAIN - A CLINICAL TRIAL</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Jeff Liu (Charlottesville, United States)   |   |               |
| II-D-39  | <b>HIGH-INTENSITY LASER THERAPY IN CHRONIC LOW BACK PAIN: COMPREHENSIVE ANALYSIS OF TREATMENT EFFECTIVENESS AND CHANGES IN QUALITY OF LIFE</b>                          | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Avetis Avetisyan (Yerevan, Armenia)         |   |               |
| II-D-40  | <b>LOW FREQUENCY PULSED ELECTROMAGNETIC FIELD THERAPY IN LOW BACK PAIN: ALTERNATIVE OR MANDATORY COMPONENT OF TREATMENT?</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Avetis Avetisyan (Yerevan, Armenia)         |   |               |
| II-D-41  | <b>'HALF OF THEM DON'T WANT TO KNOW AND HALF OF THEM DON'T UNDERSTAND' - THE LIVED EXPERIENCE OF SEEKING PAIN CARE IN IRISH HEALTHCARE SERVICES</b>                     | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Kate Sheridan (Dublin, Ireland)             |   |               |
| II-D-44  | <b>EFFECTIVENESS OF ONLINE-TRAINED APPLIED RELAXATION ON DEPRESSION AND UNSPECIFIC SYMPTOMS - A PILOT STUDY</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Kirsi Sipilä (Oulu, Finland)                |   |               |
| II-D-45  | <b>PAIN-RELATED VARIABLES AS CONTRIBUTING FACTORS TO PHYSICAL ACTIVITY AFTER BREAST CANCER SURGERY: A ONE-YEAR FOLLOW-UP STUDY</b>                                      | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Marthe Van Overbeke (Antwerp, Belgium)      |   |               |
| II-D-46  | <b>THE IMPACT OF AN APPLIED RELAXATION ONLINE SERVICE ON BODY PAIN - A PILOT STUDY</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Outi Huhtela (Kuopio, Finland)              |   |               |
| II-D-47  | <b>MINDFULNESS &amp; ACCEPTANCE AND COMMITMENT THERAPY (ACT) APPROACH IN MUSCULOSKELETAL PERSISTENT PAIN STATES: A CASE SERIES</b>                                      | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Andrea Celso (Maniago (PN), Italy)          |   |               |
| II-D-48  | <b>PAIN MANAGEMENT STRATEGIES: USES, SATISFACTION AND RELATED-COST</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Rubén Nieto (Barcelona, Spain)              |   |               |
| II-D-50  | <b>ENHANCING INTERDISCIPLINARY COLLABORATION AND PATIENT-CENTERED CARE IN MANAGING CHRONIC MUSCULOSKELETAL PAIN: AN ACTION RESEARCH STUDY IN A MUNICIPALITY SETTING</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Rikke Nielsen (Aalborg, Denmark)            |   |               |

|   |   |               |
|---|---|---------------|
| II-D-51   | <b>INTRODUCTION OF A THERAPEUTIC EXERCISE PROGRAM THROUGH A TELEREHABILITATION (IA) APPLICATION FOR PATIENTS IMPLANTED WITH A SPINAL CORD STIMULATION</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Cristina Crisan (Valencia, Spain)                          |   |               |
| II-D-52   | <b>COGNITIVE BEHAVIORAL THERAPY-BASED EXERCISE FACILITATION METHOD USING THE "IKI KI REHABILITATION NOTEBOOK" IN PATIENTS WITH INTRACTABLE CHRONIC PAIN</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Shinji Kimura (Niigata-shi, Japan)                         |   |               |
| II-D-53   | <b>NARRATIVES IN MUSCULOSKELETAL PERSISTENT PAIN STATES AS A PRECIOUS TOOL FOR MODELLING THERAPEUTICAL JOURNEY: A CASE REPORT</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Andrea Celso (Maniago (PN), Italy)                         |   |               |
| II-D-54   | <b>EMOTIONAL AWARENESS AND EXPRESSION THERAPY VS COGNITIVE BEHAVIOURAL THERAPY IN PATIENTS WITH CHRONIC PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS</b>                 | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Iuliana Teohar (Cluj-Napoca, Romania)                      |   |               |
| II-D-55   | <b>EVALUATING THE BENEFITS OF REDUCED DOSE BURDEN: DEXIBUPROFEN COMPARED TO IBUPROFEN IN PAIN MANAGEMENT FOR SELF-CARE -A LITERATURE REVIEW</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Preeti Kachroo (Nyon, Switzerland)                         |   |               |
| II-D-56   | <b>EMPLOYING THE COM-B MODEL TO IDENTIFY BARRIERS AND FACILITATORS TO ENGAGING IN SELF-MANAGEMENT STRATEGIES (SMS) VIA PAIN-MANAGEMENT APPLICATIONS (PMA) AMONG CHRONIC PAIN PATIENTS (CPPS)</b>        | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Rebecca Harding (Falmer, United Kingdom)                   |   |               |
| II-D-58   | <b>DEVELOPING AN EDUCATIONAL PODCAST ON FIBROMYALGIA</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Mariana Pereira Ribeiro (São Paulo, Brazil)                |   |               |
| II-D-59   | <b>A WEB-BASED INTERVENTION TO SUPPORT POST-SURGICAL PAIN AND SYMPTOM SELF-MANAGEMENT FOLLOWING BREAST CANCER SURGERY: REDUCING THE INCIDENCE AND IMPACT OF ACUTE AND PERSISTENT POST-SURGICAL PAIN</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Michelle Briggs (Liverpool, United Kingdom)                |   |               |
| II-D-60   | <b>"WHEN PAIN PERSIST, WE HAVE TO RESIST" - THERAPEUTIC ALLIANCE AND PATIENT ENGAGEMENT AT A GLANCE IN PERSISTENT NON-SPECIFIC LOW BACK PAIN (NS-LBP): A CASE-REPORT</b>                                | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Andrea Celso (Maniago (PN), Italy)                         |   |               |
| II-D-61   | <b>SUCCESSFUL USE OF ALFENTANIL AND LACOSAMIDE TO TREAT TOTAL PAIN IN END-STAGE MOTOR NEURONE DISEASE ALLOWING HEALING AND TRANSFORMATION</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Wilhelm Freiherr von Hornstein (Cullies H12 E5C7, Ireland) |   |               |
| II-D-62   | <b>DIGITAL METHADONE CONVERTER: SIMPLIFYING CANCER PAIN MANAGEMENT THROUGH PROTOCOL COMPARISON AND PRESCRIPTION SUPPORT</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Erwan Treillet (Paris, France)                             |   |               |
| II-D-64   | <b>CAN MEDICAL CANNABIS HELP TREAT NEUROPATHIC PAIN AND OPIOID USE DISORDERS IN ADOLESCENTS? A CASE REPORT</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Ilona Batko (Cracow, Poland)                               |   |               |
| II-D-65   | <b>OPIOID TREATMENT AND OPIOPHOBIA AMONG HEALTH PROFESSIONALS IN KOSOVO</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Adem Bytyqi (Prizren, Albania)                             |   |               |
| II-D-66   | <b>POSTOPERATIVE PAIN MODULATION AND CORRELATION WITH</b>   | 12:30 - 12:30 |

**OXIDATIVE STRESS AND INFLAMMATION BIOMARKERS IN SURGICALLY TREATED PATIENTS WITH LARYNGEAL CANCER**

*Poster Presenter:* Katarina Savić Vujović (Belgrade, Serbia)

II-D-67      **COMBINED TOPICAL ESTRIOL AND AMITRIPTYLINE FOR ACQUIRED VULVAL PAIN WITH SEX (SUPERFICIAL / ENTRY DYSpareunia)**      12:30 - 12:30

II-D-68      **EFFICACY OF INTRANASAL KETAMINE FOR MANAGING ACUTE PAIN AMONGST PAEDIATRIC PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS**      12:30 - 12:30

II-D-69      **INTRAVENOUS INFUSION OF LIDOCAINE, MAGNESIUM AND KETAMINE AS PART OF MULTIMODAL PAIN REGIMEN IN THORACIC SURGERY: A PROSPECTIVE OBSERVATIONAL COHORT**      12:30 - 12:30

*Poster Presenter:* Julissa Herrera Silva (Girona, Spain)

II-D-70      **THE USE OF DULOXETINE IN A PEDIATRIC PATIENT WITH PHANTOM LIMB PAIN: CASE REPORT AND REVIEW OF THE LITERATURE**      12:30 - 12:30

*Poster Presenter:* Emmanuela Koutoulaki (Heraklion, Greece)

II-D-72      **N-PALMITOYL-D-GLUCOSAMINE REDUCES PAIN BEHAVIOUR AND INFLAMMATION IN EXPERIMENTAL DYSBIOSIS CONDITION**      12:30 - 12:30

*Poster Presenter:* Antimo Fusco (Naples, Italy)

II-D-73      **CHRONIC INTRATHECAL CO-ADMINISTRATION OF NEUROPEPTIDE Y AND MORPHINE IN RATS ATTENUATE MORPHINE-INDUCED ANTI-NOCICEPTIVE TOLERANCE**      12:30 - 12:30

II-D-74      **PARACETAMOL SHIFT; EMBRACING ORAL PREMEDICATION IN PERI-OPERATIVE CARE**      12:30 - 12:30

*Poster Presenter:* Eleanor Watson (Basingstoke, United Kingdom)

II-D-75      **NEUROPATHIC PAIN FOLLOWING PERIPHERAL NERVE INJURY IN PATIENTS TREATED WITH CAPSAICIN (179 MG) PATCH: A RETROSPECTIVE COHORT STUDY OF IMPACT ON PAIN AND ITS CONSEQUENCES**      12:30 - 12:30

*Poster Presenter:* Mariëlle Eerdekens (Aachen, Germany)

II-D-76      **TREATMENT OF INTER-COSTO-BRACHIAL NEURALGIA AFTER BREAST CANCER SURGERY: OPEN LABEL FOLLOW-UP OF A MULTICENTER RANDOMIZED CONTROLLED CLINICAL TRIAL COMPARING CAPSAICIN 179 MG PATCH VS PREGABALIN**      12:30 - 12:30

*Poster Presenter:* Denis Dupoirion (Angers, France)

II-D-77      **ANALGESIC AND ANTI-INFLAMMATORY EFFECTS OF CYCLODEXTRIN DERIVATIVES IN ACUTE PAIN ANIMAL MODELS**      12:30 - 12:30

*Poster Presenter:* Andrea Nehr-Majoros (Pécs, Hungary)

II-D-78      **THE ANALGESIC EFFECT OF BOTULINUM TOXIN TYPE A (BTXA) IN RAT KNEE OSTEOARTHRITIS (OA) MODEL AND POTENTIAL MECHANISM**      12:30 - 12:30

*Poster Presenter:* Pei Chun Hsieh (Tainan, Taiwan, China)

II-D-79      **THE ANTINOCICEPTIVE EFFICACY OF TRAMADOL - MAGNESIUM COMBINATION IN AN INFLAMMATORY MODEL OF PAIN IN RATS**      12:30 - 12:30

*Poster Presenter:* Dragana Srebro (Belgrade, Serbia)

II-D-80      **SQUALENE-BASED NANOPARTICLES FOR THE TREATMENT OF CANCER-INDUCED BONE PAIN**      12:30 - 12:30

*Poster Presenter:* Adélaïde Le Franc (Paris, France)

II-D-81      **NEW PHARMACOLOGICAL INSIGHT INTO ETANERCEPT AND PREGABALIN IN ALLODYNIA AND NOCICEPTION: BEHAVIORAL STUDIES IN A MURINE NEUROPATHIC PAIN MODEL**      12:30 - 12:30

Poster Presenter: Loulwah Alothman (Riyadh, Saudi Arabia)

II-D-82                      **MODIFIED RELEASE OPIOID STEWARDSHIP**                      12:30 - 12:30

Poster Presenter: Katharine Wall (London, United Kingdom)

II-D-84                      **MELATONIN FOR CHRONIC BACK PAIN (THE MOCHA TRIAL): A STUDY PROTOCOL FOR A RANDOMIZED, DOUBLE BLIND, PLACEBO-CONTROLLED TRIAL**                      12:30 - 12:30

Poster Presenter: Kübra Kilic (Odense, Denmark)

II-D-85                      **INCOBOTULINUMTOXINA (A BONT/A) REDUCED SIGNIFICANTLY INFLAMMATION RELATED PAIN BEHAVIOUR AND EXPRESSION OF INFLAMMATORY CYTOKINES IN CFA MODEL IN RATS**                      12:30 - 12:30

Poster Presenter: Jens Nagel (Frankfurt Main, Germany)

## Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

### A. Pain Syndromes

II-A.01                      **BODY PERCEPTION IN FIBROMYALGIA SYNDROME**                      12:30 - 12:30

Poster Presenter: Hatice Ceylan (Ankara, Turkey)

II-A.02                      **REDUCED NATURAL FREQUENCY IN FIBROMYALGIA PATIENTS - ASSESSED BY ELECTROENCEPHALOGRAPHIC RESPONSES TO TRANSCRANIAL MAGNETIC STIMULATION**                      12:30 - 12:30

Poster Presenter: Anne Jakobsen (Aalborg, Denmark)

II-A.03                      **EXPECTATIONS, CONDITIONING AND THE PLACEBO RESPONSE DO NOT DIFFER BETWEEN FIBROMYALGIA AND HEALTHY CONTROLS, BUT THEY ARE DIFFERENTLY ASSOCIATED**                      12:30 - 12:30

Poster Presenter: Mariana Agostinho (Haifa, Israel)

II-A.04                      **STRESS-INDUCED MECHANICAL AND THERMAL PAIN SENSITISATION MEDIATED THROUGH CENTRAL NERVOUS SYSTEM CELL SIGNALLING**                      12:30 - 12:30

Oral Abstract Presenter: Barbara Fülöp (Pécs, Hungary)

II-A.05                      **EFFECTS OF TWO YEARS OF COVID-19 PANDEMIC ON INDIVIDUALS WITH FIBROMYALGIA**                      12:30 - 12:30

Poster Presenter: Tali Sahar (Montréal, Canada)

II-A.06                      **PAIN MODULATION, GENETICS AND INFLUENCING FACTORS IN DYSMENORRHEA**                      12:30 - 12:30

Poster Presenter: Rocío Fortún-Rabadán (Villanueva de Gállego, Spain)

II-A.07                      **PHENOTYPING INTERICTAL MIGRAINE PATIENTS ACCORDING TO CLINICAL AND PSYCHOPHYSICAL CHARACTERISTICS**                      12:30 - 12:30

Poster Presenter: Stefano Di Antonio (Aalborg, Denmark)

II-A.08                      **PSYCHOSOCIAL FACTORS IN MIGRAINE, TENSION-TYPE HEADACHE AND CERVICOGENIC HEADACHE. A MAPPING REVIEW**                      12:30 - 12:30

II-A.09                      **TWO CASES OF SECONDARY HEADACHE CAUSED BY MENINGITIS WITH NEGATIVE MENINGEAL SIGNS**                      12:30 - 12:30

Poster Presenter: Mikhail Trunov (Voskresensk, Russian Federation)

II-A.10                      **THE SILENT SABOTEUR: THE IMPACT OF HEADACHES ON SLEEP DISORDERS, CENTRAL SENSITIZATION, DEPRESSION, ANXIETY, AND STRESS**                      12:30 - 12:30

Poster Presenter: Nagihan Acet (Ankara, Turkey)

II-A.11                      **A QUALITATIVE EXPLORATION OF MIGRAINE IN STUDENTS ATTENDING IRISH UNIVERSITIES**                      12:30 - 12:30

Poster Presenter: Orla Flynn (Dublin, Ireland)

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| II-A.12   | <b>PROPRIOCEPTION : POSTURAL ANALYSIS, A NEW NEUROPHYSIOLOGICAL APPROACH</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Leïla Bousbaïne Van de Kerckhove (Paris, France) |  |               |
| II-A.14   | <b>MEMORY AND PAIN: LOWER MEMORY PERFORMANCE IS RELATED TO ENHANCED PAIN CONDITIONING IN MIGRAINE</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Mariana Agostinho (Haifa, Israel)                |  |               |
| II-A.16   | <b>HUMAN ASSUMED CENTRAL SENSITIZATION IN INTERICTAL MIGRAINE: A SYSTEMATIC REVIEW AND META-ANALYSIS</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Elise Cnockaert (Ghent, Belgium)                 |  |               |
| II-A.17   | <b>"I AM ACCUSTOMED TO SOMETHING IN MY BODY CAUSING PAIN" - A QUALITATIVE STUDY OF KNEE REPLACEMENT NON-IMPROVERS' STORIES OF PREVIOUS PAINFUL AND STRESSFUL EXPERIENCES</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Vibeke Bull Sellevold (Oslo, Norway)             |  |               |
| II-A.18   | <b>ASSOCIATION BETWEEN POSTPARTUM DEPRESSION AND CHRONIC POSTSURGICAL PAIN AFTER CAESAREAN DELIVERY: A SECONDARY ANALYSIS OF A RANDOMIZED TRIAL</b>                          | 12:30 - 12:30 |
| II-A.19   | <b>TREATMENT MODALITIES FOR PATIENTS WITH PERSISTENT SPINAL PAIN SYNDROME TYPE II: A NETWORK META-ANALYSIS</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)                 |  |               |
| II-A.20   | <b>RISK FACTORS FOR THE DEVELOPMENT OF CHRONIC POSTOPERATIVE INGUINAL PAIN: A SYSTEMATIC REVIEW AND META- ANALYSIS PROTOCOL</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Lydia Roper (Exeter, United Kingdom)             |  |               |
| II-A.21   | <b>PREOPERATIVE SUSCEPTIBILITY TO DEVELOPING SECONDARY HYPERALGESIA IS ASSOCIATED WITH POST-THORACOTOMY PAIN AT TWO MONTHS</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Solenn Gousset (Brussels, Belgium)               |  |               |
| II-A.22   | <b>CHRONIC PAIN AND POSTSURGICAL CARE AFTER TOTAL KNEE ARTHROPLASTY: A QUALITATIVE STUDY EXPLORING THE EXPERIENCES OF PEOPLE WITH CHRONIC PAIN</b>                           | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Jesper Bie Larsen (Aalborg, Denmark)             |  |               |
| II-A.23   | <b>PERSISTENT POST-SURGICAL PAIN MANAGEMENT IN THE PAIN CLINIC</b>   | 12:30 - 12:30 |
| II-A.24   | <b>ACTIVATED SERUM PREVENTS LONG-LASTING PAIN IN A NOVEL MOUSE MODEL OF CHRONIC POST-SURGICAL PAIN</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Lucas Vasconcelos Lima (Montreal, Canada)        |  |               |
| II-A.28   | <b>MAXIMAL INSPIRATORY PRESSURE AND EXERCISE-INDUCED INSPIRATORY MUSCLE FATIGUE IN CHRONIC NONSPECIFIC LOW BACK PAIN</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Sim Klaps (Hasselt, Belgium)                     |  |               |
| II-A.29   | <b>DISCUSSING SEXUAL HEALTH WITH PATIENTS ELIGIBLE FOR SPINE SURGERY: AN ONLINE SURVEY IN SPINE SURGEON AND PAIN PHYSICIANS</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)                 |  |               |
| II-A.30   | <b>MULTIFIDUS FAT INFILTRATION IN PATIENTS WITH PERSISTENT SPINAL PAIN SYNDROME TYPE II WHO ARE TREATED WITH SPINAL CORD STIMULATION: A PILOT STUDY</b>                      | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)                 |  |               |
| II-A.31   | <b>NEUROPATHIC PAIN AND FRAGILITY OSTEOPOROTIC FRACTURES</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Marie-Eva Pickering (Clermont-Ferrand, France)   |  |               |



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| II-A.32   | <b>CENTRAL SENSITIZATION IN PATIENTS WITH CHRONIC LOW BACK PAIN</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Snezana Tomasevic-Todorovic (Novi Sad, Serbia) |   |               |
| II-A.33   | <b>WHAT DO THEY SAY ABOUT MY PAIN? PERCEPTION OF PATIENTS WITH CHRONIC LOW BACK PAIN REGARDING INFORMATION AND ADVICE PROVIDED BY HEALTH PROFESSIONALS</b>                      | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Micheline Koerich (Florianópolis, Brazil)      |   |               |
| II-A.34   | <b>IS POSTURE RELATED TO PAIN? QUALITATIVE STUDY ON BELIEFS AND ATTITUDES OF PATIENTS WITH CHRONIC LOW BACK PAIN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Micheline Koerich (Florianópolis, Brazil)      |   |               |
| II-A.35   | <b>BACK PAIN IN PRIMARY CARE CENTRES IN THE NHS AND THE VALUE OF MRI SPINE IMAGING</b>  | 12:30 - 12:30 |
| II-A.36   | <b>REASSESSING THE ROLE OF ROUTINE RADIOGRAPHS AFTER SPINAL FUSION SURGERY</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Olivier Nachtergaele (Leuven, Belgium)         |   |               |
| II-A.37   | <b>WHO PARTICIPATES IN RANDOMISED CONTROLLED TRIALS EVALUATING PHYSIOTHERAPY INTERVENTIONS FOR PERSISTENT LOW BACK PAIN? A SCOPING REVIEW</b>                                   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> George McNamee (Coventry, United Kingdom)      |   |               |
| II-A.38   | <b>VIRTUALLY PAINLESS: CODESIGNING A VIRTUAL REALITY NATURE-BASED INTERVENTION FOR CHRONIC LOW BACK PAIN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Alexander Smith (Plymouth, United Kingdom)     |   |               |
| II-A.39   | <b>ANXIETY, DEPRESSION AND PAIN SELF-EFFICACY IN INDIVIDUALS WITH CHRONIC LOW BACK PAIN AND SYMPTOMS OF CENTRAL SENSITIZATION: A COMPARATIVE CROSS-SECTIONAL STUDY</b>          | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Sevinc Akdeniz (Izmir, Turkey)                 |   |               |
| II-A.40   | <b>A SURVEY ON SCREENING FOR DEPRESSION IN LOW BACK PAIN BY IRISH CLINICAL SPECIALIST PHYSIOTHERAPISTS WORKING IN MUSCULOSKELETAL TRIAGE</b>                                    | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Julie Sugrue (Limerick, Ireland)               |   |               |
| II-A.41   | <b>CHALLENGES AND POTENTIAL SOLUTIONS TO SCREENING FOR DEPRESSION IN A LOW BACK PAIN POPULATION. A QUALITATIVE EXPLORATION OF IRISH MUSCULOSKELETAL TRIAGE PHYSIOTHERAPISTS</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Julie Sugrue (Limerick, Ireland)               |   |               |
| II-A.43   | <b>TOPICAL AMITRIPTYLINE IN BURNING MOUTH SYNDROME: A RETROSPECTIVE REAL-WORLD EVIDENCE STUDY</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Ashley Lebel (Paris, France)                   |   |               |
| II-A.44   | <b>NEUROPATHIC FACIAL PAIN: TRIGEMINAL NEUROPATHY (TNO) OR TRIGEMINAL NEURALGIA (TN)? FIRST DIAGNOSTIC STEPS BY VPT (VERY POINT TECHNIQUE) DERIVED FROM ACUPUNCTURE</b>         | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Ute Kock (Vienna, Austria)                     |   |               |
| II-A.45   | <b>TRIGEMINAL NEURALGIA WITH AUTONOMIC SYMPTOMS</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Hyunseong Kim (Seoul, Korea, Republic of)      |   |               |
| II-A.46   | <b>INDIVIDUALS WITH TEMPOROMANDIBULAR DISORDERS AND NECK DISABILITY PRESENTED MORE SYMPTOMS RELATED TO CENTRAL SENSITIZATION</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Luana Mendes (Ribeirão Preto, Brazil)          |   |               |
| II-A.48   | <b>PATHOPHYSIOLOGY OF SUBACROMIAL PAIN SYNDROME:</b>  | 12:30 - 12:30 |

### CONTRIBUTIONS OF JOINT STRUCTURAL CHANGES AND PAIN SENSITIZATION

- II-A.49 **DIABLO MODELING FOR EFFICACY OF 3-WEEK NONSTEROIDAL ANTI-INFLAMMATORY DRUGS AND PARACETAMOL IN PATIENTS WITH PAINFUL KNEE OSTEOARTHRITIS** 12:30 - 12:30

*Poster Presenter:* Rocco Giordano (Aalborg, Denmark)

- II-A.50 **RELATIONSHIPS AMONG COGNITIVE, FUNCTIONAL, BEHAVIORAL, AND SENSORY FACTORS IN INDIVIDUALS WITH KNEE OSTEOARTHRITIS: THE NETWORK APPROACH** 12:30 - 12:30

*Poster Presenter:* Bruno Verengue (São Paulo, Brazil)

- II-A.51 **CENTRALISED PAIN PREDICTS WORSE PAIN OUTCOMES IN EARLY RHEUMATOID ARTHRITIS: A PROSPECTIVE COHORT STUDY WITH EMBEDDED NEUROIMAGING STUDY** 12:30 - 12:30

*Oral Abstract Presenter:* Eoin Kelleher (Oxford, United Kingdom)

- II-A.52 **PROBING THE TRANSCRIPTOMIC BASIS OF 17-HDHA MEDIATED ANALGESIA IN OSTEOARTHRITIS PAIN** 12:30 - 12:30

*Poster Presenter:* James Turnbull (Nottingham, United Kingdom)

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### C. Diagnosis & Measurement in Pain

- II-C.01 **VALIDITY AND RELIABILITY OF A LASER POINTER DEVICE FOR ASSESSING KNEE PROPRIOCEPTION IN HEALTHY ACTIVE INDIVIDUALS** 12:30 - 12:30

*Poster Presenter:* Héctor González-Pons (Valencia, Spain)

- II-C.02 **HEART RATE VARIABILITY IS NOT SUITABLE AS A SURROGATE MARKER FOR PAIN INTENSITY IN PATIENTS WITH CHRONIC PAIN** 12:30 - 12:30

*Poster Presenter:* Lisa Goudman (Brussels, Belgium)

- II-C.03 **CULTURAL ADAPTATION AND TURKISH VERSION OF THE WORRY ABOUT PAIN QUESTIONNAIRE IN MUSCULOSKELETAL PAIN PATIENTS: RELIABILITY AND VALIDITY STUDY** 12:30 - 12:30

*Poster Presenter:* Kubra Kardes (Istanbul, Turkey)

- II-C.04 **THE RELIABILITY AND VALIDATION OF THE TURKISH VERSION OF THE KEELE START MSK TOOL FOR INDIVIDUALS WITH MUSCULOSKELETAL PAIN** 12:30 - 12:30

*Poster Presenter:* Burcu Işıkcı (Istanbul, Turkey)

- II-C.05 **PAIN MONITORING WITH ENTROPY MODULE DURING UROLOGICAL SURGERY** 12:30 - 12:30

*Poster Presenter:* Ralitsa Marinova (Sofia, Bulgaria)

- II-C.06 **TEST-RETEST RELIABILITY OF VON FREY FILAMENT'S INDUCED TEMPORAL SUMMATION IN A HEALTHY POPULATION** 12:30 - 12:30

*Poster Presenter:* Aleksandar Knezevic (Novi Sad, Serbia)

- II-C.07 **CROSS-CULTURAL ADAPTATION AND PSYCHOMETRIC PROPERTIES OF THE SPANISH VERSION OF THE PREVENT FOR WORK QUESTIONNAIRE** 12:30 - 12:30

*Poster Presenter:* Julia Blasco-Abadía (Villanueva de Gállego, Spain)

- II-C.08 **DISABILITY PROFILE ACCORDING TO ADAPTED BRIEF ICF (INTERNATIONAL CLASSIFICATION OF FUNCTIONING, DISABILITY AND HEALTH) CORE SET IN PATIENTS VISITING MULTIDISCIPLINARY PAIN CLINIC** 12:30 - 12:30

*Poster Presenter:* Indre Bileviciute-Ljungar (Stockholm, Sweden)

- II-C.09                    **ARTIFICIAL INTELLIGENCE FOR DETECTING TEMPOROMANDIBULAR JOINT ABNORMALITIES USING PANORAMIC IMAGES: A SCREENING TOOL FOR MRI-DETECTED PATHOLOGIES**                    12:30 - 12:30

*Poster Presenter:* Younjung Park (Seoul, Korea, Republic of)

- II-C.10                    **ASSESSMENT OF CENTRAL SENSITIZATION IN HEAD AND NECK CANCER PATIENTS - PRELIMINARY RESULTS**                    12:30 - 12:30

*Poster Presenter:* Magdalena Bitner-Bielezszak (Wrocław, Poland)

- II-C.11                    **PROGRESSIVE GENETICALLY CONTROLLED DOPAMINERGIC NEURONS APOPTOSIS IN SUBSTANTIA NIGRA RELATED TO SENSORY DEFICITS: RELEVANCE FOR PARKINSON DISEASE?**                    12:30 - 12:30

*Poster Presenter:* Gawain Grellier-Cavaignac (Montpellier, France)

- II-C.12                    **EMBODIED INTEROCEPTION QUESTIONNAIRE (INTERO-10) IN PATIENTS WITH CHRONIC NEUROPATHIC PAIN: DIVERGENT AND DISCRIMINANT VALIDITIES**                    12:30 - 12:30

*Poster Presenter:* Ana Mércia Fernandes (São Paulo, Brazil)

- II-C.13                    **THE ASSOCIATION BETWEEN PAIN THRESHOLD AND FRACTURE RISK IN POSTMENOPAUSAL WOMEN WITH REDUCED BONE MINERAL DENSITY**                    12:30 - 12:30

*Poster Presenter:* Damjan Savić (Novi Sad, Serbia)

- II-C.14                    **ENHANCING POSTOPERATIVE RECOVERY: PATIENT EXPERIENCES WITH A DIGITAL TOOL FOR PAIN MONITORING AND REHABILITATION FOLLOWING KNEE REPLACEMENT SURGERY**                    12:30 - 12:30

*Poster Presenter:* Emilie Stensaker (Bergen, Norway)

- II-C.15                    **NEUROPHYSIOLOGICAL ASSESSMENT OF CONDITIONED PAIN MODULATION USING THE NOCICEPTIVE BLINK REFLEX**                    12:30 - 12:30

*Poster Presenter:* Josh Murphy (Exeter, United Kingdom)

- II-C.16                    **USABILITY AND CLINICAL FEASIBILITY OF ALGO(S)RITHM: A DECISION-SUPPORT APP FOR CHRONIC PAIN CLASSIFICATION**                    12:30 - 12:30

*Poster Presenter:* Paraskevi Bilika (Lamia, Greece)

- II-C.17                    **EXTRA MOTOR CORTICAL EXCITABILITY AND CONNECTIVITY METRICS BY TRANSCRANIAL MAGNETIC STIMULATION COUPLED TO ELECTROENCEPHALOGRAPHY IN ACUTE PAIN MODELS**                    12:30 - 12:30

*Poster Presenter:* Margit Midtgaard Bach (Aalborg, Denmark)

- II-C.18                    **DETECTING POSTOPERATIVE PAIN RELIEF USING ELECTROCARDIOGRAM (ECG) SIGNALS**                    12:30 - 12:30

*Poster Presenter:* Cândida Sofia Pereira (Viseu, Portugal)

- II-C.19                    **DEVELOPMENT AND EVALUATION OF A CLIMBING TEST IN MICE: A NOVEL APPROACH FOR ASSESSING PAIN-LIKE BEHAVIOUR**                    12:30 - 12:30

*Poster Presenter:* Morten Malmberg (Copenhagen, Denmark)

- II-C.20                    **RELATIONSHIP BETWEEN SUBJECTIVELY-RATED AND OBJECTIVELY-TESTED PHYSICAL FUNCTION ACROSS SIX DIFFERENT MEDICAL DIAGNOSES**                    12:30 - 12:30

*Poster Presenter:* Thomas Benz (Bad Zurzach, Switzerland)

- II-C.21                    **VALIDITY AND RELIABILITY OF THE EUROPEAN PORTUGUESE VERSION OF THE MULTISENSORY AMPLIFICATION SCALE IN ADOLESCENTS**                    12:30 - 12:30

- II-C.22                    **RELATIONSHIP BETWEEN UPPER EXTREMITY MUSCLE PRESSURE PAIN THRESHOLDS WITH PAIN, FUNCTION, AND**                    12:30 - 12:30

**SLEEP QUALITY IN ROTATOR CUFF INJURIES***Poster Presenter:* Faruk Tanik (İzmir, Turkey)

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| II-C.23 | <b>INNOVATIVE APPLICATION OF MAGNETIC RESONANCE IMAGE SEGMENTATION OF THE PELVIC MUSCLES IN THE DIAGNOSIS OF CHRONIC LOW BACK PAIN</b> | 12:30 - 12:30 |
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*Poster Presenter:* Wiktoria Frącz (Poznan, Poland)

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| II-C.24 | <b>HOW TO EXPERIMENTALLY INDUCE AND OBJECTIVELY MEASURE PAIN-RELATED FEAR OF MOVEMENT - A SCOPING REVIEW</b> | 12:30 - 12:30 |
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*Poster Presenter:* Larissa Pagels (Luebeck, Germany)

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| II-C.25 | <b>ELECTROMYOGRAPHIC ACTIVITY IN REFERRED PAIN REGIONS DURING PROLONGED DRY NEEDLING OF GLUTEUS MINIMUS: POTENTIAL INDICATOR OF CENTRAL SENSITIZATION</b> | 12:30 - 12:30 |
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*Poster Presenter:* Jakub Matuska (Poznań, Poland)

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| II-C.26 | <b>PSYCHOPHYSIOLOGICAL CORRELATES OF PAIN INTENSITY IN HEALTHY VOLUNTEERS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Faidra Papanikolaou (Copenhagen, Denmark)

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| II-C.27 | <b>THE RELATIONSHIP BETWEEN PAIN MODULATION AND PREDICTION ERRORS DURING SECONDARY HYPERALGESIC STATES: A NOVEL VIRTUAL REALITY PROTOCOL</b> | 12:30 - 12:30 |
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*Poster Presenter:* Sonia Medina (Exeter, United Kingdom)

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| II-C.28 | <b>THE IMPACT OF SARCOPENIA ON CERVICAL MECHANOSENSITIVITY AND KINESIOPHOBIA IN GERIATRIC INDIVIDUALS RESIDING IN NURSING HOMES</b> | 12:30 - 12:30 |
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*Poster Presenter:* Beyzanur Doğanbaz (Ankara, Turkey)

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| II-C.29 | <b>PAIN INTEROCEPTION ASSESSMENT</b> | 12:30 - 12:30 |
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*Poster Presenter:* Ludivine Lahaeye (Bruxelles, Belgium)

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| II-C.30 | <b>EVALUATION OF ASSESSMENT TOOLS FOR EARLY DETECTION OF CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY IN BREAST CANCER PATIENTS TREATED WITH TAXANES</b> | 12:30 - 12:30 |
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*Poster Presenter:* Carsten Dahl Mørch (Aalborg, Denmark)

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| II-C.31 | <b>PAIN AND FUNCTIONAL DISABILITY IN PATIENTS WITH PROGRESSIVE FORMS OF MULTIPLE SCLEROSIS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Sindi Mitrovic (Belgrade, Serbia)

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| II-C.32 | <b>THE USE OF YELLOW FLAG SCREENING TOOLS BY AUSTRIAN PHYSIOTHERAPISTS IN THE MANAGEMENT OF MUSCULOSKELETAL-ASSOCIATED PAIN</b> | 12:30 - 12:30 |
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*Poster Presenter:* Markus Kopfauf (Pinkafeld, Austria)

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| II-C.33 | <b>VALIDATING THE EXPERIENCE OF COGNITIVE INTRUSION OF PAIN WHEN DRIVING SCALE (ECIP-D): A CONFIRMATORY FACTOR ANALYSIS STUDY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Zina Trost (Texas, United States)

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| II-C.34 | <b>MEASUREMENT PROPERTIES OF THE EUROPEAN PORTUGUESE VERSION OF THE CHILD AND ADOLESCENT SOCIAL AND ADAPTATIVE FUNCTIONING SCALE</b> | 12:30 - 12:30 |
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| II-C.35 | <b>AN ASSESSMENT OF THE LONGITUDINAL CONSTRUCT VALIDITY OF THE PAIN BEHAVIORAL SCALE IN A SAUDI POPULATION WITH CHRONIC LOW BACK PAIN (LBP): A PRELIMINARY STUDY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Hana I. Alsobayel (Riyadh, Saudi Arabia)

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| II-C.36 | <b>EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN RESILIENCE AND MENTAL HEALTH IN BRAZILIAN PATIENTS WITH CHRONIC PAIN</b> | 12:30 - 12:30 |
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*Poster Presenter:* Barbara Maria Müller (São Paulo, Brazil)

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| II-C.37 | <b>THE PRESENCE OF PAIN IN LOWER LIMB LYMPHOEDEMA: RELATIONSHIP WITH SEVERITY OF OEDEMA, FUNCTION, ANXIETY, DEPRESSION AND QUALITY OF LIFE</b> | 12:30 - 12:30 |
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*Poster Presenter:* Ege Nur Atabey Gerlegiz (Ankara, Turkey)

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| II-C.38 | <b>PERCEIVED PARENTING STYLES AND INCIDENCE, PERSISTENCE AND REMISSION OF CHRONIC PAIN IN MID-LIFE IN THE GENERAL POPULATION</b> | 12:30 - 12:30 |
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*Poster Presenter:* Isabelle Rouch (Saint-Etienne and Bordeaux, France)

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| II-C.39 | <b>CHRONIC PAIN INTENSITY PREDICTS LONG-TERM DEPRESSIVE DISORDERS IN OLDER COMMUNITY-DWELLERS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Isabelle Rouch (Saint-Etienne and Bordeaux, France)

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| II-C.40 | <b>ASSESSING SELF-REPORTED FEAR OF MOVEMENT IN CHRONIC LOW BACK PAIN: HOW SPECIFIC SHOULD WE BE?</b> | 12:30 - 12:30 |
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*Poster Presenter:* Thomas Matheve (Ghent, Belgium)

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| II-C.41 | <b>NOT ALL PREGNANCY-RELATED PAINS ARE THE SAME: A COMPREHENSIVE ASSESSMENT OF FACTORS ASSOCIATED WITH DE NOVO CHRONIC PAIN IN PREGNANCY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Lisandra Stein Bernardes (Hjørring, Denmark)

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| II-C.42 | <b>PAIN CATASTROPHIZING, GREATER THAN PERCEIVED INJUSTICE, IS ASSOCIATED WITH PAIN INTENSITY ACROSS THE PAIN DURATION CONTINUUM</b> | 12:30 - 12:30 |
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| II-C.43 | <b>RELATIONSHIP BETWEEN PAIN SYMPTOMS IN ADOLESCENTS AND FAMILY FUNCTIONALITY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Saša Bole (Ljubljana, Slovenia)

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| II-C.44 | <b>ACCURACY OF SCREENING FOR ANXIETY IN PATIENTS WITH CHRONIC NECK AND/OR SHOULDER PAIN WITHIN PHYSIOTHERAPY PRACTICES</b> | 12:30 - 12:30 |
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*Poster Presenter:* Ana Ramalho (Leuven, Belgium)

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| II-C.45 | <b>RELIABILITY AND VALIDITY OF THE DUTCH BODILY THREAT MONITORING SCALE IN BREAST CANCER SURVIVORS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Marthe Van Overbeke (Antwerp, Belgium)

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| II-C.46 | <b>THE RELATIONSHIP BETWEEN PAIN TOLERANCE AND PAIN BELIEFS IN ELITE LEVEL VOLLEYBALL PLAYERS: A PROSPECTIVE COHORT STUDY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Eda Aslan (İstanbul, Turkey)

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| II-C.47 | <b>HOW DOES PAIN-RELATED DISTRESS CHANGE IN THE TRANSITION FROM ACUTE TO CHRONIC MUSCULOSKELETAL PAIN?</b> | 12:30 - 12:30 |
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*Poster Presenter:* Hollie Birkinshaw (Southampton, United Kingdom)

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### B. Basics in Pain

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| II-B.01 | <b>BIOPSYCHOSOCIAL DIFFERENCES IN ALCOHOL AND CANNABIS USE AMONG ADOLESCENTS WITH CHRONIC PAIN</b> | 12:30 - 12:30 |
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*Poster Presenter:* Camila Koike (Boston, United States)

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| II-B.02 | <b>DO PARENTAL MUSCULOSKELETAL PAIN AND USE OF PRESCRIPTION OPIOIDS INFLUENCE THE RISK OF OPIOID USE IN ADOLESCENTS AND YOUNG ADULTS?</b> | 12:30 - 12:30 |
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*Poster Presenter:* Paul Jarle Mork (Trondheim, Norway)

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| II-B.03  | <b>CHRONIC PAIN IN OLDER ADULTS WITH PSYCHIATRIC DISORDERS: THE DOCPPA STUDY PROTOCOL</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Hélène Saint-Martin (Bron, France)                            |   |               |
| II-B.04  | <b>ASSESSING BARRIERS TO OPIOID-BASED PAIN MANAGEMENT IN ARMENIA: AN EMPIRICAL REVIEW OF ACCESS, POLICY, AND HUMAN RIGHTS IMPLICATIONS</b>                                    | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Vaghinak Ter-Hovhannisyan (Stockholm, Sweden)                 |   |               |
| II-B.05  | <b>ETHICAL ASPECTS OF PAIN MANAGEMENT IN TURKEY</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Sevim Coskun (Ankara, Turkey)                                 |   |               |
| II-B.06  | <b>SPEED AND VOLUME OF WALKING AND RISK OF CHRONIC LOW BACK PAIN: LONGITUDINAL DATA FROM THE HUNT STUDY, NORWAY</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Paul Jarle Mork (Trondheim, Norway)                           |   |               |
| II-B.07  | <b>TOOL FOR REDUCING INAPPROPRIATE OPIOID USE FOR PHYSICIAN, PHARMACIST AND PATIENT (TRIO-3P): FEASIBILITY IN PRIMARY CARE</b>  | 12:30 - 12:30 |
| <i>Oral Abstract Presenter:</i> Elsemiek Jansen - Groot Koerkamp (Leiden, Netherlands) |   |               |
| II-B.08  | <b>INTERDISCIPLINARY PAIN CLINIC OF THE FEDERAL UNIVERSITY OF SÃO CARLOS - BRAZIL: NURSING ACTIONS</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Priscilla Hortense (Sao Carlos, Brazil)                       |   |               |
| II-B.09  | <b>IMPLEMENTATION OF A NEW MUSCULOSKELETAL MULTIDISCIPLINARY PATHWAY AND REDUCTION IN PAIN INTERVENTION WAITING LISTS</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> James Smith (Brighton, United Kingdom)                        |   |               |
| II-B.10  | <b>PATIENTS AND CLINICIANS HAVE DIFFERENT PRIORITIES WHEN DISCUSSING PAIN IN THE IBD CLINIC</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Danielle Huisman (Cambridge, United Kingdom)                  |   |               |
| II-B.11  | <b>PAIN IN PATIENTS WITH COGNITIVE COMORBIDITIES, HOW TO ASSESS? SYNTHESIS OF EVIDENCE FOR OBSERVATIONAL OR DIGITAL PAIN INSTRUMENTS</b>                                      | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Wilco Achterberg (Leiden, Netherlands)                        |   |               |
| II-B.12  | <b>TRANSITIONAL PAIN SERVICES IN THE NETHERLANDS, A SURVEY OF TASKS AND RESPONSIBILITIES</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Marion Giesberts (Nijmegen, Netherlands)                      |   |               |
| II-B.13  | <b>“LET’S AVOID HAVING TO CHOOSE BETWEEN THE PLAGUE AND CHOLERA”: CRITICAL DISCOURSE ANALYSIS OF BELGIAN POLICY REGARDING OPIOID PRESCRIPTION FOR CHRONIC NON-CANCER PAIN</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Lena De Bonte (Ghent, Belgium)                                |   |               |
| II-B.14  | <b>A FEEDBACK REPORT FROM A PAIN CENTER SPECIALIZED IN MENTAL HEALTH</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Juliette Grison-Curinier (Lyon, France)                       |   |               |
| II-B.15  | <b>CRITICAL REFLECTIONS ON ESTABLISHING PUBLIC INVOLVEMENT FOR A CHRONIC PAIN RESEARCH CONSORTIUM</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Sharon Grieve (Bath, United Kingdom)                          |   |               |
| II-B.16  | <b>PAIN AND COGNITIVE FUNCTIONING: THE ROLE OF EFFORT</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Britt Di Vita (Ghent, Belgium)                                |   |               |
| II-B.17  | <b>THE ROLE OF PAIN EXPECTANCY AND ITS CONFIDENCE IN PLACEBO HYPOALGESIA AND NOCEBO HYPERALGESIA</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Eleonora Maria Camerone (Milan, Italy)                        |   |               |
| II-B.18  | <b>THE DYNAMICS OF COPING WITH CHRONIC PAIN - A</b>   | 12:30 - 12:30 |

**THEORETICAL MODEL AND SYSTEMATIC REVIEW***Poster Presenter:* Merethe Blandhol (Oslo, Norway)

- II-B.19                    **USING FREE ASSOCIATION METHODS TO ELICIT UNCONSTRAINED ACCOUNTS OF VISCERAL PAIN**                    12:30 - 12:30

*Poster Presenter:* Afra Azadi (London, United Kingdom)

- II-B.20                    **EMPATHY AND PROSOCIAL RESPONSES TO HUMAN AND NON-HUMAN ANIMAL SUFFERING: THE ROLE OF PAIN CUES AND PSYCHOSOCIAL FACTORS**                    12:30 - 12:30

*Poster Presenter:* Maria Suñol (Barcelona, Spain)

- II-B.21                    **MECHANISMS OF MOTIVATED ENDOGENOUS PAIN MODULATION**                    12:30 - 12:30

*Poster Presenter:* Leonard Asan (Hamburg, Germany)

- II-B.22                    **EXPLORING COMMUNICATION IN CLINICAL ENCOUNTERS: A LONGITUDINAL QUALITATIVE STUDY OF ADOLESCENTS WITH NON-TRAUMATIC KNEE PAIN ATTENDING IN SECONDARY CARE**                    12:30 - 12:30

*Poster Presenter:* Chris Djurtoft (Aalborg, Denmark)

- II-B.23                    **VLPAG-SST NEURONS CONTROL PAIN DESCENDING PATHWAY IN A PHYSIOPATHOLOGICAL CONTEXT**                    12:30 - 12:30

*Poster Presenter:* Juliette Viellard (Bordeaux, France)

- II-B.24                    **THE EFFECT OF VERBAL SUGGESTION ON THE RESPONSE GENERALIZATION OF THE NOCEBO EFFECT**                    12:30 - 12:30

*Poster Presenter:* Jacek Skalski (Katowice, Poland)

- II-B.25                    **TO INVESTIGATE PERSONALITY AND PAIN RATINGS OF EXPERIMENTAL PAIN IN HEALTHY SUBJECTS: TOWARDS THE ELUCIDATION OF FACTORS THAT CAUSE DIFFERENCES IN THE EXPRESSION OF PAIN**                    12:30 - 12:30

*Poster Presenter:* Aya Nakae (Soraku-gun, Japan)

- II-B.26                    **THE INTERACTION OF CHRONIC PAIN AND PSYCHIATRIC DISORDERS**                    12:30 - 12:30

*Poster Presenter:* Lindsay Neuert (Montreal, Canada)

- II-B.27                    **A LONGITUDINAL EXPLORATION OF THE ROLE OF STICKINESS AND EXECUTIVE FUNCTION IN CHRONIC PAIN**                    12:30 - 12:30

*Poster Presenter:* Laura Carter (Bath, United Kingdom)

- II-B.28                    **SUPPORTING EMPLOYEES WITH CHRONIC PRIMARY PAIN TO BE IN WORK: EXPERIENCES OF SUPPORT AMONG EMPLOYEES AND EMPLOYERS IN SMALL-TO-MEDIUM-SIZED ENTERPRISES**                    12:30 - 12:30

*Poster Presenter:* Ronald O'Kane (Glasgow, United Kingdom)

- II-B.29                    **MENTAL HEALTH AND SOCIAL DEMOGRAPHIC CHARACTERISTICS IN PAINFUL DIABETIC NEUROPATHY IN A TETIARY HOSPITAL**                    12:30 - 12:30

- II-B.30                    **NEW METHODS FOR EXPLORING DYADIC CONNECTEDNESS IN PAIN: A STUDY PROTOCOL**                    12:30 - 12:30

*Poster Presenter:* Evie Telfer (Bath, United Kingdom)

- II-B.31                    **CAN MODELS AND THEORIES OF GRIEF HELP US BETTER UNDERSTAND THE EXPERIENCE OF LIVING WITH CHRONIC PAIN? A BEHEMOTH-FRAMED SCOPING REVIEW**                    12:30 - 12:30

*Poster Presenter:* Marian Clarke (Dublin, Ireland)

- II-B.32                    **PAIN INTERFERENCE IN INDIVIDUALS WITH CENTRAL SENSITIVITY SYNDROMES: THE ROLE OF TYPE OF TRAUMA AND RESILIENCE**                    12:30 - 12:30

*Poster Presenter:* Elena R. Serrano-Ibáñez (Malaga, Spain)

- II-B.33                    **THE EFFECT OF NOCEBO VERBAL SUGGESTION ON BODY IMAGE**                    12:30 - 12:30

*Poster Presenter:* Aleksandra Budzisz (Katowice, Poland)

II-B.34                    **PAIN PREVALENCE RATES AND THE MEDIATING ROLE OF  
NEGATIVE AFFECT IN ADULTS REFERRED TO PERSONALITY  
DISORDER TREATMENT: A CROSS-SECTIONAL STUDY**                    12:30 - 12:30

*Poster Presenter:* Fillip Ferreira Eikeseth (Oslo, Norway)

II-B.35                    **THE IMPACT OF ANXIETY, DEPRESSION AND STRESS ON THE  
INTENSITY OF ACUTE POSTOPERATIVE PAIN IN PATIENTS AFTER  
UROLOGY INTERVENTIONS**                    12:30 - 12:30

*Poster Presenter:* Katarina Mladenovic (Belgrade, Serbia)

II-B.36                    **PROTOCOL FOR DEVELOPMENT OF A QUESTIONNAIRE MAPPING  
GENDER AND PAIN DYNAMICS**                    12:30 - 12:30

*Poster Presenter:* Robrecht De Baere (Brussels, Belgium)

II-B.37                    **UNVEILING THE IMPACT OF EXPECTATIONS AND THEIR  
PRECISION ON CHRONIC PAIN: AN ECOLOGICAL MOMENTARY  
ASSESSMENT STUDY**                    12:30 - 12:30

*Poster Presenter:* Eleonora Maria Camerone (Milan, Italy)

II-B.38                    **THE ROLE OF TYPE OF TRAUMA AND STRESS IN THE  
RELATIONSHIP BETWEEN HEALTH-RELATED SYMPTOMS  
COMMON TO CENTRAL SENSITIVITY SYNDROMES AND  
PERCEIVED PAIN INTENSITY**                    12:30 - 12:30

*Poster Presenter:* Elena R. Serrano-Ibáñez (Malaga, Spain)

II-B.39                    **PAIN PERCEPTION IS RELATED TO DIFFERENCES IN  
ALEXITHYMIA AND INTEROCEPTIVE SENSIBILITY**                    12:30 - 12:30

*Poster Presenter:* Boo Young Chung (Ulm, Germany)

II-B.40                    **RESILIENCE OR VULNERABILITY TO PAIN IN CLIMBERS: A  
SURVEY EXPLORING THE RELATIONSHIPS BETWEEN  
PSYCHOLOGICAL FLEXIBILITY, PSYCHOLOGICAL INFLEXIBILITY,  
AND PAIN CATASTROPHIZING**                    12:30 - 12:30

*Poster Presenter:* Samantha Kathleen Millard (Aalborg, Denmark)

II-B.41                    **ENDOGENOUS OPIOID MODULATION OF SAFETY LEARNING IN  
HUMANS - PRELIMINARY DATA**                    12:30 - 12:30

*Poster Presenter:* Isabell M. Meier (Oslo, Norway)

#### *Breaks*

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### **Lunch Break**

#### *Posters*

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### **II. Poster viewing**

#### *Industry Sessions and Workshops*

12:35 - 14:00

Forum 1 (Level Forum)

#### **Industry Sponsored Session**

#### *Industry Sessions and Workshops*

12:35 - 13:55

Forum 2 (Level Forum)

#### **Industry Sponsored Session**

#### *Industry Sessions and Workshops*

12:45 - 13:45

Salon Pasteur (Level Rhône Pasteur)

#### **Industry Sponsored Session**



*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**A2. Headache And Orofacial Pain***Moderator:* Simona Sacco (Italy)

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| II-A2.W.01 | <b>RESTING-STATE FUNCTIONAL CONNECTIVITY ALONE IS NOT A REPRODUCIBLE BIOMARKER FOR PREDICTING THE EFFICACY OF CGRP-ANTIBODY THERAPY IN MIGRAINE PATIENTS WHEN USING A RIGOROUS METHODOLOGICAL APPROACH</b> | 12:45 - 12:51 |
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*Poster Presenter:* Jan Mehnert (Hamburg, Germany)

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| II-A2.W.02 | <b>ROLE OF INTERLEUKIN-6 IN MIGRAINE CHRONIFICATION AND SUGGESTED TH17/REGULATORY T CELL IMBALANCE IN MIGRAINE PATHOPHYSIOLOGY</b> | 12:51 - 12:57 |
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*Poster Presenter:* Emily Stuchfield-Denby (Clermont-Ferrand, France)

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| II-A2.W.03 | <b>CONTRIBUTION OF THE SATELLITE GLIAL CELLS IN PACAP-INDUCED MIGRAINE-LIKE SYMPTOMS</b> | 12:57 - 12:57 |
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*Poster Presenter:* Mathis Hocine (Clermont-Ferrand, France)

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| II-A2.W.04 | <b>DECREASED INTRACORTICAL INHIBITION IN PATIENTS WITH HEMIPLEGIC MIGRAINE - A TRANSCRANIAL MAGNETIC STIMULATION (TMS) STUDY</b> | 12:57 - 13:03 |
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*Poster Presenter:* Geneviève Demarquay (Lyon, France)

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| II-A2.W.05 | <b>CLINICAL CASE OF REFRACTORY CHRONIC MIGRAINE TO BOTULINUM TOXIN TYPE A AND MONOCLONAL ANTIBODIES</b> | 13:03 - 13:09 |
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*Poster Presenter:* Aleksandr Peshkin (Moscow, Russian Federation)

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| II-A2.W.06 | <b>PURPLE CORN ANTHOCYANINS PREVENT THE PROGRESSION OF MULTIPLE SCLEROSIS-ASSOCIATED TRIGEMINAL PAIN: ROLE OF GLIAL CELLS</b> | 13:09 - 13:15 |
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*Poster Presenter:* Benedetta Riboldi (Milan, Italy)

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| II-A2.W.07 | <b>MIGRAINE: THE EFFECT OF COLD PRESSOR ON PAIN INTENSITY OF MIGRAINE - WHETHER COLD COULD RELIEVE MIGRAINE OR NOT?</b> | 13:15 - 13:21 |
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*Poster Presenter:* Tzu-Ying Chuang (Kunshan, China)

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| II-A2.W.08 | <b>THE BAYESIAN BRAIN HYPOTHESIS AND MIGRAINE PAIN</b> | 13:21 - 13:27 |
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*Poster Presenter:* Mariana Agostinho (Haifa, Israel)

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| II-A2.W.09 | <b>THE EFFECTIVENESS OF CONNECTIVE TISSUE MANIPULATION IN ADOLESCENTS WITH TENSION-TYPE HEADACHE: A PILOT, RANDOMIZED, CONTROLLED STUDY</b> | 13:27 - 13:33 |
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*Poster Presenter:* Emine Baran (Ankara, Turkey)

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| II-A2.W.10 | <b>THE SELF-REPORT FREQUENCY AND IMPACT OF TINNITUS IS SIMILAR IN MIGRAINE SUBGROUPS AND ITS IMPACT IS EXPLAINED BY FEAR OF FALLING, NECK DISABILITY AND KINESIOPHOBIA</b> | 13:33 - 13:39 |
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*Poster Presenter:* Juliana Pradela (Ribeirão Preto, Brazil)*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**D1. Digital Interventions For Chronic Pain***Moderator:* Jules Phalip (Clermont-Ferrand, France)*Moderator:* Indre Bilevciciute-Ljungar (Stockholm, Sweden)*Moderator:* Sara Laureen Bartels (Maastrich, Netherlands)

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| II-D1.W.01 | <b>EASYCOG: A DIGITAL COGNITIVE SELF-ASSESSMENT TOOL FOR CHRONIC PAIN PATIENTS</b> | 12:45 - 12:51 |
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*Poster Presenter:* Lisa Hadri (Strasbourg, France)

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| II-D1.W.02 | <b>SUPPORTING SELF-MANAGEMENT THROUGH EHEALTH - EXPLORING THE NEEDS, CHALLENGES AND SOLUTIONS IN</b> | 12:51 - 12:57 |
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### GENERAL PRACTICE: A QUALITATIVE AND PARTICIPATORY DESIGN STUDY

Poster Presenter: Chris Djurtoft (Aalborg, Denmark)

II-D1.W.03      **THE EFFECTS OF TELEREHABILITATION ON PAIN, STRENGTH AND BALANCE IN ADULT PATIENTS WITH KNEE OSTEOARTHRITIS: A SYSTEMATIC REVIEW OF THE LITERATURE**      12:57 - 13:03

Poster Presenter: George Georgoudis (Athens, Greece)

II-D1.W.04      **CHAIR YOGA VIA TELEREHABILITATION IN THE ELDERLY: EFFECTS ON PAIN, SLEEP QUALITY AND QUALITY OF LIFE**      13:03 - 13:09

Poster Presenter: Gul Deniz Yilmaz Yelvar (İstanbul, Turkey)

II-D1.W.05      **"HOW CAN AN APP POSSIBLY HELP WITH PHYSICAL PAIN?" - EXPERIENCES OF USING THE CURABLE APP FOR CHRONIC PAIN**      13:09 - 13:15

Poster Presenter: Elisha Doi (Middlesbrough, United Kingdom)

II-D1.W.06      **A CONNECTED WEARABLE TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION DEVICE IMPROVES PAIN MANAGEMENT, PHYSICAL ACTIVITY, AND DRUG CONSUMPTION IN PATIENTS WITH PAINFUL KNEE OSTEOARTHRITIS**      13:15 - 13:21

Poster Presenter: Laurence Goigoux (Paris, France)

II-D1.W.07      **TO EXPLORE THE SMARTPHONE APP USE HABITS AND PREFERENCE AMONG COMMUNITY-DWELLING OLDER ADULTS WITH CHRONIC PAIN**      13:21 - 13:27

Poster Presenter: Zi Ji Chen (Hong Kong, Hong Kong)

II-D1.W.08      **INDIVIDUAL-LEVEL EFFECTS OF A DIGITAL BEHAVIORAL INTERVENTION FOR CHRONIC PAIN: A SINGLE-CASE EXPERIMENTAL DESIGN STUDY AND PROOF-OF-CONCEPT**      13:27 - 13:33

Poster Presenter: Haya Al Sharaa (Stockholm, Sweden)

II-D1.W.09      **USING CO-DESIGN TO DEVELOP GAMIFICATION PAIN MANAGEMENT PROGRAM TO ADDRESS CLIENTS WITH CHRONIC PAIN**      13:33 - 13:39

Poster Presenter: He Jiafan (Kowloon, Hong Kong)

II-D1.W.10      **EXPLORING THE USE AND PERCEPTION OF VIRTUAL REALITY FOR CHRONIC PAIN MANAGEMENT: A MIXED METHODS STUDY**      13:39 - 13:45

Poster Presenter: Xenia Porta (Barcelona, Spain)

#### Guided Poster Walk

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### A1. Rheumatoid Arthritis and Osteoarthritis

Moderator: Hans-Georg Schaible (Jena, Germany)

Moderator: Stephanie Smith (Nottingham, United Kingdom)

II-A1.W.01      **PRE- AND EARLY POSTOPERATIVE PROGNOSTIC FACTORS FOR PAIN INTENSITY AFTER TOTAL HIP ARTHROPLASTY: PRELIMINARY RESULTS OF THE HIPPROCLIPS-TRIAL**      12:45 - 12:51

Poster Presenter: Abner Sergooris (Hasselt, Belgium)

II-A1.W.02      **INSOMNIA PREVALENCE AND ASSOCIATED CHARACTERISTICS IN PATIENTS WITH OSTEOARTHRITIS: DATA FROM THE GOOD LIFE WITH OSTEOARTHRITIS IN DENMARK (GLA:D®) REGISTRY**      12:51 - 12:51

Poster Presenter: Jonas Bloch Thorlund (Odense M, Denmark)

II-A1.W.03      **TRANSCRIPTOMIC ANALYSIS OF PERIPHERAL BLOOD MONONUCLEAR CELLS REVEALS PAIN- AND INFLAMMATION-SPECIFIC GENES IN DIFFICULT-TO-TREAT RHEUMATOID ARTHRITIS PATIENTS**      12:51 - 12:57

Poster Presenter: Lilla Gunkl-Tóth (Pécs, Hungary)

II-A1.W.04      **FUNCTIONAL MRI IDENTIFIES ALTERED PAIN-RELATED BRAIN**      12:57 - 13:03

### ACTIVATION AND CONNECTIVITY PATTERNS IN DIFFICULT-TO-TREAT RHEUMATOID ARTHRITIS

Poster Presenter: Lilla Gunkl-Tóth (Pécs, Hungary)

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| II-A1.W.05 | <b>CAN A TARGETED PRE-EXERCISE EDUCATION INTERVENTION ENHANCE THE EXERCISE INDUCED HYPOALGESIA (EIH) RESPONSE IN INDIVIDUALS WITH KNEE OSTEOARTHRITIS (OA)?</b> | 13:03 - 13:09 |
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Poster Presenter: David Toomey (Auckland, New Zealand)

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| II-A1.W.06 | <b>WHAT KEY CLINICAL, PSYCHOLOGICAL AND NEUROPHYSIOLOGICAL FACTORS ARE ASSOCIATED WITH THE MAGNITUDE OF EXERCISE INDUCED HYPOALGESIA (EIH) IN INDIVIDUALS WITH KNEE OSTEOARTHRITIS (OA)?</b> | 13:09 - 13:15 |
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Poster Presenter: David Toomey (Auckland, New Zealand)

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| II-A1.W.07 | <b>EFFECTS OF EXERCISE AND PAIN NEUROSCIENCE EDUCATION ON SENSITIZATION IN PATIENTS WITH CHRONIC PAIN AFTER TOTAL KNEE ARTHROPLASTY. SECONDARY ANALYSIS FROM A RANDOMIZED CONTROLLED TRIAL</b> | 13:15 - 13:21 |
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Poster Presenter: Jesper Bie Larsen (Aalborg, Denmark)

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| II-A1.W.08 | <b>THE CAUSAL RELATIONSHIP BETWEEN INFLAMMATORY FACTORS AND PAIN IN DIFFERENT DISEASE COURSES: A MENDELIAN RANDOMIZATION STUDY</b> | 13:21 - 13:27 |
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| II-A1.W.09 | <b>INVOLVEMENT OF IL-16 IN TNF-A-INDUCED INFLAMMATORY PAIN</b> | 13:27 - 13:33 |
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Poster Presenter: María González-Amor (Oviedo, Spain)

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| II-A1.W.10 | <b>EXPLAINING PAIN VARIANCE IN RHEUMATOID ARTHRITIS: CENTRAL ASPECTS OF PAIN (CAP) AND CENTRAL SENSITISATION INVENTORY SHORT FORM (CSI-9) QUESTIONNAIRES COMPARED, TOGETHER WITH INFLAMMATION AND QST</b> | 13:33 - 13:33 |
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Poster Presenter: Stephanie Smith (Nottingham, United Kingdom)

#### Guided Poster Walk

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### II. Guided Poster Walks

#### Guided Poster Walk

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### C2. Sleep-Pain Interactions

Moderator: Walter Magerl (Mannheim, Germany)

Moderator: Hannah Schmidt (Tübingen, Germany)

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| II-C2.W.01 | <b>SLEEP DISRUPTIONS &amp; IMMUNE MARKERS PREDICT LONGITUDINAL PAIN OUTCOMES FOLLOWING ORTHOPEDIC SURGERY</b> | 12:45 - 12:51 |
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Poster Presenter: Nicholas Giordano (Atlanta, United States)

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| II-C2.W.02 | <b>INTEGRATION OF COGNITIVE BEHAVIOURAL THERAPY FOR INSOMNIA IN PAIN MANAGEMENT FOR NONSPECIFIC CHRONIC SPINAL PAIN: A RANDOMISED CONTROLLED TRIAL</b> | 12:51 - 12:57 |
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Poster Presenter: Thomas Bilterys (Brussel, Belgium)

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| II-C2.W.03 | <b>HOW ANXIETY, PAIN PERCEPTION, SENSITIZATION, AND SLEEP QUALITY AFFECT BREAST CANCER SURVIVORS WITH CHRONIC PAIN: A SECONDARY DATA ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL</b> | 12:57 - 13:03 |
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Poster Presenter: Alexandru Berki-Stir (Brussels, Belgium)

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| II-C2.W.04 | <b>DISRUPTED CONNECTIVITY IN LARGE-SCALE BRAIN NETWORKS IS ASSOCIATED WITH COGNITIVE DECLINE IN OLDER ADULTS</b> | 13:03 - 13:09 |
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**WITH CHRONIC PAIN***Poster Presenter:* Alejandro Dorado (Palma, Spain)

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| II-C2.W.05 | <b>MENSTRUAL CYCLE PHASES: IMPACT ON SLEEP QUALITY, DURATION, AND PAIN CATASTROPHIZING IN PRIMARY DYSMENORRHEA</b> | 13:09 - 13:15 |
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*Poster Presenter:* Gamze Nalan Çinar (Ankara, Turkey)

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| II-C2.W.06 | <b>ASSESSING THE RELATIONSHIP BETWEEN PAIN, SLEEP, MENTAL HEALTH, AND COGNITION IN PEDIATRIC PATIENTS WITH CHRONIC PAIN</b> | 13:15 - 13:21 |
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*Poster Presenter:* Nicole Tacugue (Boston, United States)

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| II-C2.W.07 | <b>THE IMPACT OF SLEEP AND GUT MICROBIOTA ON PAIN : PRELIMINARY RESULTS</b> | 13:21 - 13:27 |
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*Poster Presenter:* Gwenaëlle Mievis (Brussels, Belgium)

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| II-C2.W.08 | <b>THE EFFECT OF SLEEP DEPRIVATION ON PLACEBO HYPOALGESIA INDUCED BY OBSERVATIONAL LEARNING</b> | 13:27 - 13:33 |
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*Poster Presenter:* Izabela Łaska (Poland)

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| II-C2.W.09 | <b>IMPACT OF SLEEP DISRUPTION ON EXPERIMENTAL SHOULDER PAIN AND QUANTITATIVE SENSORY TESTING IN HEALTHY PARTICIPANTS: A NOVEL EXPERIMENTAL MODEL</b> | 13:33 - 13:39 |
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*Poster Presenter:* Aske Hostrup Graversen (Aalborg, Denmark)

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| II-C2.W.10 | <b>THE INFLUENCE OF EVENINGNESS CHRONOTYPE ON THE TRANSITION FROM LOW TO HIGH IMPACT CHRONIC PAIN: A LONGITUDINAL ANALYSIS PROTOCOL USING DATA FROM UK BIOBANK</b> | 13:39 - 13:45 |
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*Poster Presenter:* Victoria Collard (Bath, United Kingdom)*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**D2. Diagnosis & Treatment Of Neuropathic Pain***Moderator:* Xavier Moisset (Clermont-Ferrand, France)

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| II-D2.W.01 | <b>THE EFFECTS OF NON-INVASIVE TRANSCRANIAL MAGNETIC STIMULATION ON COMORBIDITIES IN INDIVIDUALS WITH CHRONIC NEUROPATHIC PAIN</b> | 12:45 - 12:51 |
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*Poster Presenter:* Joy Thomas (Saint-Etienne, France)

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| II-D2.W.02 | <b>DAILY REPORTS OF PAIN INTENSITY DECREASED AFTER TREATMENT WITH HOME-BASED TRANSCRANIAL ELECTRICAL STIMULATION (HB-TES) IN CHRONIC PAIN PATIENTS</b> | 12:51 - 12:57 |
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*Poster Presenter:* Antonio Gil-Ugidos (Santiago de Compostela, Spain)

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| II-D2.W.03 | <b>EARLY DETECTION AND TREATMENT OF INTER-COSTO-BRACHIAL NEURALGIA AFTER BREAST CANCER SURGERY: A MULTICENTER RANDOMIZED CONTROLLED CLINICAL TRIAL COMPARING CAPSAICIN 179 MG PATCH VS PREGABALIN</b> | 12:57 - 13:03 |
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*Poster Presenter:* Denis Dupoirion (Angers, France)

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| II-D2.W.04 | <b>RETROSPECTIVE COHORT STUDY EVALUATING THE TREATMENT EFFECT OF CAPSAICIN (179 MG) PATCH ON POST HERPETIC NEURALGIA</b> | 13:03 - 13:09 |
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*Poster Presenter:* Mariëlle Eerdekens (Aachen, Germany)

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| II-D2.W.05 | <b>SCREENING FOR CHRONIC NEUROPATHIC PAIN AFTER SURGERY: DN4 COMPARED TO THE DN2</b> | 13:09 - 13:15 |
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*Poster Presenter:* Debora Hofer (Bern, Switzerland)

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| II-D2.W.06 | <b>USING VALIDATED SCREENING TOOLS TO AID THE NEUPSIG GRADING SYSTEM AND IMPROVE THE DIAGNOSTIC PROCESS FOR NEUROPATHIC PAIN: A MULTI-CENTRE CROSS-SECTIONAL</b> | 13:15 - 13:21 |
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**STUDY**

Poster Presenter: Tommaso Cavicchi (Rome, Italy)

II-D2.W.07      **DEVELOPMENT AND INTERNAL VALIDATION OF A PRELIMINARY CLINICAL PREDICTION MODEL FOR PRESENCE OF NOCICEPTIVE, NEUROPATHIC, OR NOCIPLASTIC PAIN IN BREAST CANCER SURVIVORS WITH PERSISTENT PAIN**      13:21 - 13:27

Poster Presenter: An De Groef (Antwerp, Belgium)

II-D2.W.08      **REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION AS NEUROPATHIC PAIN TREATMENT FOR SMALL FIBER NEUROPATHY (MAGIC-SFN): STUDY CONCEPT AND OUTLOOK**      13:27 - 13:33

Poster Presenter: Anna Baumann (Aachen, Germany)

II-D2.W.09      **GABAPENTINOIDS USE AND ABUSE IN THE NEUROPATHIC PAIN UNIT SETTING**      13:33 - 13:39

Poster Presenter: Enrico Evangelisti (Rome, Italy)

II-D2.W.10      **PAVING THE WAY FOR A NEW LOCAL PERIPHERAL NEUROPATHIC PAIN TREATMENT: PROOF-OF-CONCEPT CLINICAL TRIAL WITH INCOBOTULINUMTOXINA (PAINT)**      13:39 - 13:45

Poster Presenter: Nadine Attal (Boulogne Billancourt, France)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**B1. Stress-Pain Interactions**

Moderator: David Finn (Galway, Ireland)

Moderator: Ruth Defrin (Tel Aviv, Israel)

Moderator: Sandrine Géranton (London, United Kingdom)

II-B1.W.01      **ALTERATIONS OF PERIPHERAL BLOOD MONONUCLEAR CELL AND DORSAL ROOT GANGLIA TRANSCRIPTOMICS AND PLASMA METABOLITE PROFILE IN THE CHRONIC RESTRAINT STRESS-INDUCED PAIN MODEL OF MICE**      12:45 - 12:51

Poster Presenter: Ágnes Király (Pécs, Hungary)

II-B1.W.02      **EVALUATING THE EFFICACY OF HEART RATE VARIABILITY BIOFEEDBACK TRAINING ON EXPERIMENTAL PAIN: A POTENTIAL NON-INVASIVE APPROACH FOR PAIN MANAGEMENT**      12:51 - 12:57

Poster Presenter: Sandra Kobaiter Maarrawi (Beirut, Lebanon)

II-B1.W.03      **POST-TRAUMATIC STRESS DISORDER SYMPTOM PREVALENCE IN FIBROMYALGIA VERSUS NON-FIBROMYALGIA REFERRALS TO AN INTERDISCIPLINARY CHRONIC PAIN CLINIC IN THE UNITED KINGDOM'S NATIONAL HEALTH SERVICE**      12:57 - 13:03

Poster Presenter: Teah Douglas (London, United Kingdom)

II-B1.W.04      **THE RELATIONSHIP BETWEEN EMOTIONAL DISTRESS AND PAIN SEVERITY IN CHRONIC PAIN - A ROLE FOR INTEROCEPTION?**      13:03 - 13:09

Poster Presenter: Gadi Gilam (Jerusalem, Israel)

II-B1.W.05      **ROLE OF HEMOKININ-1 IN STRESS-INDUCED PAIN MOUSE MODELS**      13:09 - 13:15

Poster Presenter: Éva Borbély (Pécs, Hungary)

II-B1.W.06      **THE ASSOCIATION BETWEEN PHYSIOLOGICAL MARKERS OF STRESS RESPONSE SYSTEMS AND EXPERIMENTALLY INDUCED PAIN ASSESSMENTS IN CHRONIC PRIMARY PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS**      13:15 - 13:21

Poster Presenter: Joren Vyverman (Ghent, Belgium)

II-B1.W.07      **PAIN-STRESS INTERACTIONS IN MUSCULOSKELETAL PAIN: STUDY PROTOCOL OF THE 'STRESS IN PAIN' (STRAIN) STUDY**      13:21 - 13:27

Poster Presenter: Robrecht De Baere (Brussels, Belgium)

II-B1.W.08 **EXPLORING THE IMPACT OF ADVERSE CHILDHOOD EXPERIENCES, ATTACHMENT INSECURITY, AND PAIN-RESILIENCE PROCESSES ON CHRONIC PAIN OUTCOMES: FINDINGS FROM THE ESPOIR-DOULEUR STUDY** 13:27 - 13:33

*Poster Presenter:* Angeliki Gkiouzeli (Nancy, France)

II-B1.W.09 **CHRONIC STRESS-INDUCED PROLONGATION OF POST-SURGICAL PAIN-RELATED BEHAVIOUR IS ASSOCIATED WITH TRANSCRIPTOMIC CHANGES IN THE ANTERIOR CINGULATE CORTEX OF MALE RATS** 13:33 - 13:39

*Poster Presenter:* Daniela Rodrigues-Amorim (Galway, Ireland)

II-B1.W.10 **AUTONOMIC DYSFUNCTION AND PAIN - INTERPLAY IN POLINEUROPATHIES IN CANCER PATIENTS: A LITERATURE REVIEW** 13:39 - 13:45

*Poster Presenter:* Monica Moarcas (Braşov, Romania)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

## **B2. Emotions, Brain and Body In CRPS**

*Moderator:* Heike Rittner (Würzburg, Germany)

*Moderator:* Eija Kalso (Helsinki, Finland)

*Moderator:* Paul Geha (Rochester, NY, United States)

II-B2.W.01 **INVESTIGATING THE ROLE OF AFFECTIVE TOUCH BY ROMANTIC PARTNERS IN MODULATING SECONDARY HYPERALGESIA** 12:45 - 12:51

*Poster Presenter:* Márcia da-Silva (Braga, Portugal)

II-B2.W.02 **SENSORY PHENOTYPES OF 612 PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME** 12:51 - 12:57

*Poster Presenter:* Dilara Kersebaum (Kiel, Germany)

II-B2.W.04 **EPIGENETIC SIGNATURES IN CRPS PATIENTS: METHYLOME AND TRANSCRIPTOME ANALYSIS OF SKIN BIOPSIES** 12:57 - 12:57

*Poster Presenter:* Florine Feurer (Würzburg, Germany)

II-B2.W.05 **EARLY INTERDISCIPLINARY CARE OF COMPLEX REGIONAL PAIN SYNDROME (CRPS) - A STANDARDIZED PATHWAY** 12:57 - 12:57

*Poster Presenter:* Michael Alexander Harnik (Bern, Switzerland)

II-B2.W.06 **LOCAL HUMORAL FACTORS IN EARLY STAGES OF COMPLEX REGIONAL PAIN SYNDROME I** 12:57 - 13:03

*Poster Presenter:* Oleksandr Burianov (Kyiv, Ukraine)

II-B2.W.07 **DISCOMFORT DURING MIRROR THERAPY AND TACTILE ACUITY ARE ASSOCIATED WITH MIRRORED LIMB PERCEPTION IN PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME** 13:03 - 13:09

*Poster Presenter:* Akira Mibu (Kobe, Japan)

II-B2.W.08 **EARLY PROGNOSTIC FACTORS IN COMPLEX REGIONAL PAIN SYNDROME: A 1-YEAR BELGIAN PROSPECTIVE LONGITUDINAL OBSERVATIONAL STUDY (NCT05337501)** 13:09 - 13:15

*Poster Presenter:* Marc-Henri Louis (Brussels, Belgium)

II-B2.W.09 **SLEEP DISORDERS IN PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME** 13:15 - 13:21

*Poster Presenter:* Iana Andreieva (Warsaw, Poland)

II-B2.W.10 **AMPUTATION DESIRE IS RESOLVED FOLLOWING INTERDISCIPLINARY REHABILITATION IN LONGSTANDING COMPLEX REGIONAL PAIN SYNDROME: A CASE STUDY** 13:21 - 13:27

*Poster Presenter:* Marc Aureli Pique Batalla (Bristol, United Kingdom)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**C1. Neuroimaging & Neurophysiology-Based Biomarkers Of Pain***Moderator:* Camille Fauchon (Clermont-Ferrand, France)*Moderator:* Laura Malaguti Modernell (Lyon, France)*Moderator:* Florian Chouchou (Saint Denis, France)*Moderator:* Etienne Vachon-Presseau (Montreal, Canada)

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| II-C1.W.01 | <b>UNCOVERING THE FUNCTIONAL RELATIONSHIP BETWEEN PAIN PERCEPTION AND THE MODULATION OF ONGOING OSCILLATIONS IN THE HUMAN POSTERIOR INSULA USING INTRACEREBRAL EEG</b> | 12:45 - 12:51 |
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*Poster Presenter:* Chiara Leu (Brussels, Belgium)

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| II-C1.W.02 | <b>NEURAL CORRELATES OF AFFECTIVE SYMPTOMS IN JUVENILE FIBROMYALGIA: A MULTISENSORY FMRI STUDY</b> | 12:51 - 12:57 |
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*Poster Presenter:* Laura Martín Herrero (Barcelona, Spain)

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| II-C1.W.03 | <b>ELECTROENCEPHALOGRAPHIC PEAK ALPHA FREQUENCY AS A PREDICTOR OF SECONDARY HYPERALGESIA</b> | 12:57 - 13:03 |
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*Poster Presenter:* Márcia da-Silva (Braga, Portugal)

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| II-C1.W.04 | <b>STRUCTURAL AND FUNCTIONAL BRAIN SIGNAL COUPLING IN YOUTH WITH CHRONIC MUSCULOSKELETAL PAIN</b> | 13:03 - 13:09 |
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*Poster Presenter:* Saül Pascual-Díaz (Barcelona, Spain)

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| II-C1.W.05 | <b>FUNCTIONAL BRAIN CONNECTIVITY IN CHRONIC BACK PAIN AND ITS PLASTICITY THROUGH INTERDISCIPLINARY MULTIMODAL PAIN THERAPY</b> | 13:09 - 13:15 |
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*Poster Presenter:* Kung-Hui Chiang (Jena, Germany)

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| II-C1.W.06 | <b>IDENTIFICATION OF NEUROBIOLOGICAL SUBTYPES IN FIBROMYALGIA USING DESCENDING PAIN MODULATION SYSTEM FUNCTIONAL CONNECTIVITY: IMPLICATIONS FOR PERSONALISED CHRONIC PAIN MEDICINE</b> | 13:15 - 13:21 |
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*Poster Presenter:* Eoin Kelleher (Oxford, United Kingdom)

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| II-C1.W.07 | <b>DIFFERENTIAL PAIN EMPATHY IN FIBROMYALGIA AND MAJOR DEPRESSIVE DISORDER: A VICARIOUS PAIN FMRI STUDY</b> | 13:21 - 13:27 |
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*Poster Presenter:* Maria Suñol (Barcelona, Spain)

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| II-C1.W.08 | <b>THE FORECAST STUDY: LONGITUDINAL RESULTS FROM BASELINE TO 3 MONTH FOLLOW UP</b> | 13:27 - 13:33 |
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*Poster Presenter:* Lucy Ridgway (Oxford, United Kingdom)

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| II-C1.W.09 | <b>ICTAL AND INTERICTAL CLUSTER HEADACHE NEUROIMAGING: A PET/MR STUDY USING THE NEW AGONIST 5-HT<sub>1A</sub> RADIOPHARMACEUTICAL [<sup>18</sup>F]F13640</b> | 13:33 - 13:39 |
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*Poster Presenter:* Geneviève Demarquay (Lyon, France)

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| II-C1.W.10 | <b>COGNITIVE FATIGABILITY AND NEURONAL CORRELATES IN CHRONIC PAIN - A CROSS SECTIONAL FMRI STUDY</b> | 13:39 - 13:45 |
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*Poster Presenter:* Monika Löfgren (Stockholm, Sweden)*Plenary*

14:00 - 14:30

Auditorium Lumière (Level Lumière)

**Phenotyping Chronic Pain in Population Studies, and Measuring Associations with Mental Health***Chair:* Madelon Peters (Maastricht, Netherlands)

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| <b>Phenotyping chronic pain in population studies, and measuring associations with mental health</b> | 14:00 - 14:30 |
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*Plenary Speaker:* Blair Smith (United Kingdom)

*Plenary*

14:30 - 15:00

Auditorium Lumière (Level Lumière)

**How Side-Effects May Improve Analgesic Treatment Efficacy***Chair:* Susanne Becker (Düsseldorf, Germany)**How experiencing side effects may influence treatment expectations and treatment outcome**

14:30 - 15:00

*Plenary Speaker:* Christian Büchel (Hamburg, Germany)*Plenary*

15:00 - 15:30

Auditorium Lumière (Level Lumière)

**Neuroimaging Chronic Pain within a Biopsychosocial Framework***Chair:* André Mouraux (Louvain-la-Neuve, Belgium)**Neuroimaging chronic pain within a biopsychosocial framework**

15:00 - 15:30

*Plenary Speaker:* Etienne Vachon-Presseau (Montreal, Canada)*Breaks*

15:30 - 16:00

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**Coffee Break***Topical Workshops*

16:00 - 17:30

Auditorium Lumière (Level Lumière)

**Psychological Phenotyping in Chronic Pain: Methodological and Clinical Implications***Chair:* Gabrielle Pagé (Montreal, Canada)**Processes of change in a randomized controlled trial of internet-based psychological treatment to enhance psychological flexibility: An example of provoked vestibulodynia**

16:00 - 16:25

*Speaker:* Lance M. McCracken (Uppsala, Sweden)**Vulnerability and psychopathological profiles in the chronification of postoperative pain**

16:25 - 16:50

*Speaker:* Anne Masselin-Dubois (Dijon, France)**Methodological limitations of mainstream effectiveness studies and exploration of the association between pain temporal patterns and pain-related psychological responses**

16:50 - 17:15

*Speaker:* Gabrielle Pagé (Montreal, Canada)**Joint discussion**

17:15 - 17:30

*Demonstration Workshops*

16:00 - 17:30

Forum 1 (Level Forum)

**Extended Reality for Pain Management - Mechanisms of Action, Clinical Evidence and Implementation***Chair:* Courtney Hess (Palo Alto, United States)**Introduction to the Demonstration Workshop**

16:00 - 16:10

*Speaker:* Courtney Hess (Palo Alto, United States)**Mapping the Future of XR: Mechanistic Insights and Biomarker Breakthroughs**

16:10 - 16:30

*Speaker:* Chris Eccleston (Bath, United Kingdom)**Advancing Clinical XR Trials in Pain: A Comprehensive Update and Core Outcome Consensus**

16:30 - 16:50

*Speaker:* Giulia Mesaroli (Toronto, Canada)**Promoting Clinical Application of XR: The Role of Implementation Science & Stakeholder Engagement**

16:50 - 17:10

*Speaker:* Courtney Hess (Palo Alto, United States)



**Discussion & Q&A**

17:10 - 17:30

*Topical Workshops*

16:00 - 17:30

Forum 2 (Level Forum)

**Passive Transfer of Fibromyalgia Syndrome and CRPS - Towards Effective Symptom Relief***Chair:* Andreas Goebel (Liverpool, United Kingdom)**Immunoglobulin G transfer from patients with chronic primary pain to rodents - experimental and translational outcomes**

16:00 - 16:25

*Speaker:* Andreas Goebel (Liverpool, United Kingdom)**The role of connective tissue mast cells in the fibromyalgia syndrome IgG passive transfer model**

16:25 - 16:50

*Speaker:* Karla Sanchez (Baltimore, United States)**Translational evidence for etiopathological involvement of microbiota in fibromyalgia syndrome and complex regional pain syndrome**

16:50 - 17:15

*Speaker:* Amir Minerbi (Rambam, Israel)**Joint discussion**

17:15 - 17:30

*Masterclass Course*

16:00 - 17:30

Rhône 3AB (Level Rhône Pasteur)

**Nursing Masterclass: From Novice to Expert: Career Pathways for Pain Nurses across Europe.***Chair:* Joanne O'Brien Kelly (Dublin, Ireland)**The nurse role in leading change through education**

16:00 - 16:20

*Speaker:* Nadja Nestler (Salzburg, Austria)**Generating research evidence to inform and advance nursing practice**

16:20 - 16:40

*Speaker:* Rianne Van Boekel (Nijmegen, Netherlands)**Developing the next generation of pain nurse leaders**

16:40 - 17:00

*Speaker:* Joanne O'Brien Kelly (Dublin, Ireland)*Topical Workshops*

16:00 - 17:30

Saint-Claire 3AB (Level Saint-Claire)

**Novel Psychological Mechanisms In Chronic Pain: A Focus on Stickiness, Expectation Change and Effort-Based Decision Making***Chair:* Laura Carter (Bath, United Kingdom)**Stickiness- An Integrative Framework of Inflexibility, Repetition and Fixation: Applications to Chronic Pain and Mental Health**

16:00 - 16:25

*Speaker:* Laura Carter (Bath, United Kingdom)**How the perception of diagnostic information can be improved in patients with persistent pain**

16:25 - 16:50

*Speaker:* Tobias Kube (Goettingen, Germany)**Effort-based decision-making: A transdiagnostic process linking chronic pain, cognitive functioning, and mental wellbeing?**

16:50 - 17:15

*Speaker:* Stefaan Van Damme (Ghent, Belgium)**Joint discussion**

17:15 - 17:30

*Demonstration Workshops*

16:00 - 17:30

Auditorium Pasteur (Level Rhône Pasteur)

**Why and How Clinical Neurophysiology Can Be Used to Evaluate and Stratify Patients with Chronic Pain. Towards Objective Sensory Testing***Chair:* Luis Garcia-Larrea (Lyon, France)**The Unsung Role of Standard Neurophysiology in Chronic Pain**

16:00 - 16:25

*Speaker:* Caterina Maria Leone (Roma, Italy)**Nociceptive-evoked potentials triggered by heat, cold and mechanical stimulation: from laboratory tools to clinical practice**

16:25 - 16:50

*Speaker:* André Mouraux (Louvain-la-Neuve, Belgium)**Clinical neurophysiology in difficult pain conditions -well beyond QST**

16:50 - 17:15

*Speaker:* Luis Garcia-Larrea (Lyon, France)**Discussion & Q&A**

17:15 - 17:30

*Topical Workshops*

16:00 - 17:30

Salon Pasteur (Level Rhône Pasteur)

**Improving Trust and Quality In Pain Research: Recommendations from three International Networks***Chair:* Neil O'Connell (Uxbridge, United Kingdom)**How can we make pain research more trustworthy? The ENhancing TRUST in Pain Evidence (ENTRUST-PE) framework**

16:00 - 16:25

*Speaker:* Neil O'Connell (Uxbridge, United Kingdom)**Improving Translational Research for Chronic Pain - Consensus Recommendations from the IT-Pain Research group**

16:25 - 16:50

*Speaker:* Esther Pogatzki-Zahn (Münster, Germany)**Optimising clinical trial methods in Complex Regional Pain Syndrome (OptiMeth-CRPS): Developing a 'methodological framework' for a rare pain condition.**

16:50 - 17:15

*Speaker:* Keith Smart (Dublin, Ireland)**Joint discussion**

17:15 - 17:30

*Debate Workshops*

16:00 - 17:30

Rhône 2 (Level Rhône Pasteur)

**Debate: Migraine: Are specific Physiotherapy Exercises needed or not?***Chair:* Matteo Castaldo (Parma, Italy)**Introduction to the Topic of the Debate**

16:00 - 16:08

*Speaker:* Matteo Castaldo (Parma, Italy)**Manual therapy and specific neck-exercises should always be considered since approx. 90% of patients have detectable musculoskeletal dysfunctions**

16:08 - 16:16

*Speaker:* Kerstin Luedtke (Lübeck, Germany)**Manual therapy and specific neck-exercises are not necessary since migraine is a neurovascular disease**

16:16 - 16:24

*Speaker:* Henrik Schytz (University of Copenhagen, Denmark)

II-D-26

**ADDITIONAL EFFECTS OF PAIN NEUROSCIENCE EDUCATION COMBINED WITH PHYSIOTHERAPY ON HEADACHE FREQUENCY**

16:24 - 16:29

*Oral Abstract Presenter:* Ruth Meise (Luebeck, Germany)

II-D-15

**SEROTONERGIC TONE AND EXTRACRANIAL PRESSURE PAIN THRESHOLDS ARE SURROGATES OF RESPONSE TO PAIN EDUCATION IN CHRONIC MIGRAINE PATIENTS**

16:29 - 16:34

*Oral Abstract Presenter:* Daniele Lovattini (Milan, Italy)

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| <b>General Discussion with the Audience</b>   | 16:34 - 17:30                      |
| <i>Masterclass Course</i><br>17:44 - 19:14  | Rhône 3AB (Level Rhône Pasteur)    |
| <b>Clinical Masterclass: Topiceuticals for Chronic Pain</b>   |                                    |
| <i>Chair:</i> Paul Farquhar Smith (London, United Kingdom)  |                                    |
| <b>Local Anaesthetics in Topical Analgesia</b>  | 17:44 - 18:02                      |
| <i>Speaker:</i> Gisele Pickering (Clermont-Ferrand, France)   |                                    |
| <b>Menthol and the TRPM8 Pathway: Advancing Topical Analgesia for Chemotherapy-Induced Neuropathy</b>   | 18:02 - 18:20                      |
| <i>Speaker:</i> Paul Farquhar Smith (London, United Kingdom)  |                                    |
| <b>Topical Capsaicin and Botulinum Toxin: Insights into Neuropathic Pain Management</b>   | 18:20 - 18:38                      |
| <i>Speaker:</i> David Magee (London, United Kingdom)  |                                    |
| <b>Topical Analgesics: Practical Insights and Future Directions</b>   | 18:38 - 18:56                      |
| <i>Speaker:</i> Bart Morlion (Leuven, Belgium)  |                                    |
| <i>Debate Workshops</i><br>17:45 - 19:15  | Auditorium Lumière (Level Lumière) |
| <b>The Pain Catastrophizing Debate</b>  |                                    |
| <i>Chair:</i> Chris Eccleston (Bath, United Kingdom)  |                                    |
| <b>Introduction to the Topic of the Debate</b>  | 17:45 - 17:50                      |
| <i>Speaker:</i> Chris Eccleston (Bath, United Kingdom)  |                                    |
| <b>Pain Catastrophizing: Language Matters</b>   | 17:50 - 17:57                      |
| <i>Speaker:</i> Fiona Webster (London, Canada)  |                                    |
| <b>Pain Catastrophizing: What are We Talking About?</b>   | 17:57 - 18:04                      |
| <i>Speaker:</i> Geert Crombez (Ghent, Belgium)  |                                    |
| <b>Pain Catastrophizing: Will Changing the Name Change the Problem?</b>   | 18:04 - 18:11                      |
| <i>Speaker:</i> Michael Sullivan (Montreal, Canada)   |                                    |
| <b>General Discussion with the Audience</b>   | 18:11 - 19:15                      |
| <i>Topical Workshops</i><br>17:45 - 19:15   | Forum 1 (Level Forum)              |
| <b>The Complexity of Chronic Pain: How to Accept Uncertainty and Handle Multifaceted Datasets to Predict the Development of Chronic Pain and Treatment Efficacy</b> |                                    |
| <i>Chair:</i> Kristian Kjær-Staal Petersen (Aalborg, Denmark)   |                                    |
| <b>Machine Learning in Pain Research: An Introduction for Non-Specialists</b>   | 17:45 - 18:10                      |
| <i>Speaker:</i> Jan Vollert (Exeter, United Kingdom)  |                                    |
| <b>Personalized pain prediction: How ML/AI can help to capture the complex bio-psycho-social interaction of chronic pain in translational research approaches</b>   | 18:10 - 18:35                      |
| <i>Speaker:</i> Esther Pogatzki-Zahn (Münster, Germany)   |                                    |
| <b>Examples of how embracing complex data might improve our prediction of treatment outcomes</b>  | 18:35 - 19:00                      |
| <i>Speaker:</i> Kristian Kjær-Staal Petersen (Aalborg, Denmark)   |                                    |
| <b>Joint discussion</b>   | 19:00 - 19:15                      |

*Topical Workshops*

17:45 - 19:15

Forum 2 (Level Forum)

**Adapting Pain Education across Cultures***Chair:* Cornelis Paul van Wilgen (Groningen, Netherlands)**Cultural adaptation of pain neuroscience education in Lebanon: A co-design exploration.**

17:45 - 18:10

*Speaker:* Charbel Najem (Hadath Baabda, Lebanon)**Development and implementation of culture sensitive pain neuroscience education for African (Hausa-speaking) patients with chronic spinal pain**

18:10 - 18:35

*Speaker:* Naziru Bashir Mukhtar (Kano, Nigeria)**Adaptation of Pain neuroscience education into transdisciplinary treatment settings**

18:35 - 19:00

*Speaker:* Amarins Wijma (Brussel, Belgium)**Joint discussion**

19:00 - 19:15

*Topical Workshops*

17:45 - 19:15

Saint-Claire 3AB (Level Saint-Claire)

**Unraveling Itch Induction and Modulation: Bridging the Gap from Animals to Patients.***Chair:* Silvia Lo Vecchio (Aalborg, Denmark)**Introduction to itch induction and modulation in humans**

17:45 - 18:10

*Speaker:* Silvia Lo Vecchio (Aalborg, Denmark)**Assessment of itch in animals**

18:10 - 18:35

*Speaker:* Tasuku Akiyama (Miami, United States)**Measuring itch in humans: is that possible?**

18:35 - 19:00

*Speaker:* Manuel Pereira (Berlin, Germany)**Joint discussion**

19:00 - 19:15

*Topical Workshops*

17:45 - 19:15

Auditorium Pasteur (Level Rhône Pasteur)

**Pain and the Bayesian Brain: Insights from Computational Models of Placebo Hypoalgesia and the Effects of Agency on Pain***Chair:* Arthur Courtin (Aarhus, Denmark)**An introduction to Bayesian integration and predictive coding and its relevance to pain perception**

17:45 - 18:05

*Speaker:* Christian Büchel (Hamburg, Germany)**Inference on aversive states in the human brain**

18:05 - 18:25

*Speaker:* Dounia Mulders (Brussels, Belgium)**Exploring the Influence of Agency and Control in a Bayesian Pain Model**

18:25 - 18:45

*Speaker:* Andreas Strube (Belmont, United States)**Expectations and their effects on pain perception: interindividual variability, test-retest reliability, and influence of environmental (in)stability**

18:45 - 19:05

*Speaker:* Arthur Courtin (Aarhus, Denmark)**Joint discussion**

19:05 - 19:15

*Host Society*

17:45 - 19:15

Salon Pasteur (Level Rhône Pasteur)

**French Touch: Round Table - On multidisciplinary pain management/De la Multidisciplinarité dans la prise en charge de la Douleur***Chair:* Xavier Moisset (Clermont-Ferrand, France)*Chair:* Charles Quesada (Lyon, France)

**Round Table: The setting up of pain management networks -  
Discussion of the Belgian, Canadian, Swiss and French  
examples/Comment se sont créés les réseaux de prise en charge de  
la douleur ? - Discussion autour des exemples belge, canadien,  
suisse et français**

17:45 - 19:15

*Speaker:* Anne Berquin (Belgium)*Speaker:* Valeria Martinez (Garches, France)*Speaker:* Guillaume Leonard (Sherbrooke, Canada)*Speaker:* Chantal Berna (Lausanne, Switzerland)*Demonstration Workshops*

17:45 - 19:15

Rhône 2 (Level Rhône Pasteur)

**Non-Invasive Peripheral Nerve Stimulation for Chronic Pain Management***Chair:* Teodor Goroszeniuk (London, United Kingdom)**Introduction to the Workshop: Peripheral nerve stimulation**

17:45 - 18:05

*Speaker:* Teodor Goroszeniuk (London, United Kingdom)**Peripheral electrical nerve stimulation outside the pain world**

18:05 - 18:25

*Speaker:* Christopher Chan (London, United Kingdom)**Vagal Nerve Non-Invasive Neuromodulation**

18:25 - 18:45

*Speaker:* Christophe C. Perruchoud (Meyrin/Geneve, Switzerland)**Peripheral Neuromodulation (PNS) Demonstration incl. Q&A Discussion**

18:45 - 19:15

*Speaker:* Teodor Goroszeniuk (London, United Kingdom)*Speaker:* Christopher Chan (London, United Kingdom)*Speaker:* Christophe C. Perruchoud (Meyrin/Geneve, Switzerland)

**Saturday, 26. April 2025***Networking and Orientation*

08:00 - 09:00

Rhône 3AB (Level Rhône Pasteur)

**Pain and Pastries: Funding and Publishing your Research***Chair:* Jan Vollert (Exeter, United Kingdom)*Chair:* Kristian Kjær-Staal Petersen (Aalborg, Denmark)**Panel Discussion: How to Publish your Pain Research and How to Apply for Funding**

08:00 - 09:00

*Speaker:* Thomas Graven-Nielsen (Aalborg, Denmark)*Speaker:* Didier Bouhassira (France)*Speaker:* Tonya Palermo (Seattle, United States)*Society Partner Session*

08:00 - 09:00

Rhône 2 (Level Rhône Pasteur)

**SIP Session: Pain and Mental Health: Can Healthcare Professionals and Patients Have a Societal Impact?***Chair:* Patrice Forget (Aberdeen, United Kingdom)**Introduction by the chair**

08:00 - 08:02

**Patient Perspectives**

08:02 - 08:20

*Speaker:* Lars Bye-Møller (Copenhagen, Denmark)*Speaker:* Katy Antonopoulou (Belgium)**Advancing Pain and Mental Health Policies: A Societal Impact of Pain (SIP) Approach.**

08:20 - 08:30

*Speaker:* Marta Bartnicka (Brussels, Belgium)**General Discussion: Bridging Perspectives for an Enhanced Pain Care**

08:30 - 08:55

*Speaker:* Patrice Forget (Aberdeen, United Kingdom)**Closing Remarks**

08:55 - 09:00

*Speaker:* Katy Antonopoulou (Belgium)*Poster Prize Session*

08:00 - 09:00

Foyer Rhône: ePoster Foyer (Level Rhône Pasteur)

**Poster Prize Presentation Session III: Clinical***Chair:* Thomas Graven-Nielsen (Aalborg, Denmark)*Moderator:* Caterina Maria Leone (Roma, Italy)*Moderator:* Madelon Peters (Maastricht, Netherlands)*Moderator:* Serge Perrot (Paris, France)*Moderator:* Paul Jarle Mork (Trondheim, Norway)

III-C.08

**PROSPECTIVE PILOT STUDY OF A MACHINE LEARNING CLINICAL DECISION SUPPORT FRAMEWORK FOR INTERDISCIPLINARY MULTIMODAL PAIN TREATMENT (IMPT) OF PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN (CMP)**

08:00 - 08:06

*Poster Presenter:* Rob Smeets (Maastricht, Netherlands)

III-C.09

**EFFICACY OF TWO PSYCHOLOGICAL THERAPIES FOR DIFFERENT INDICES OF PAIN-RELATED OUTCOMES DERIVED FROM ECOLOGICAL MOMENTARY ASSESSMENT**

08:06 - 08:12

*Poster Presenter:* Juan V. Luciano (Sant Boi de Llobregat, Spain)

I-D.30

**IS THERE A NEED FOR PEER-EDUCATION IN INTERDISCIPLINARY MULTIMODAL PAIN THERAPY (IMPT)? RESULTS OF FOCUS GROUP INTERVIEWS WITH CHRONIC PAIN PATIENTS**

08:12 - 08:18

*Poster Presenter:* Jochen Oeltjenbruns (St.Gallen, Switzerland)

II-C2.W.01

**SLEEP DISRUPTIONS & IMMUNE MARKERS PREDICT**

08:18 - 08:24

### LONGITUDINAL PAIN OUTCOMES FOLLOWING ORTHOPEDIC SURGERY

*Poster Presenter:* Nicholas Giordano (Atlanta, United States)

III-B1.W.09      **BORDERS THAT HURT: THE GLOBAL SPREAD OF ANTI-IMMIGRATION ATTITUDES LINKED TO THE EPIDEMIC OF CHRONIC PAIN IN ADOLESCENCE**      08:24 - 08:30

*Poster Presenter:* Josep Roman-Juan (Calgary, Canada)

III-B1.W.01      **FROM BREAST CANCER DIAGNOSIS TO SURVIVORSHIP: ANALYZING PERIOPERATIVE BIOPSYCHOSOCIAL PHENOTYPES AND THEIR RELATIONSHIP TO PAIN ON LONG TERM**      08:30 - 08:36

*Poster Presenter:* Amber De Groote (Wilrijk, Belgium)

II-B2.W.02      **SENSORY PHENOTYPES OF 612 PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME**      08:36 - 08:42

*Poster Presenter:* Dilara Kersebaum (Kiel, Germany)

I-A.09      **COMPARISON OF DURATION OF POSTOPERATIVE ANALGESIA WITH ADDUCTOR CANAL BLOCK USING ROPIVACAINE, BUPRENORPHINE AND DEXAMETHASONE VS ROPIVACAINE AND DEXAMETHASONE IN KNEE SURGERY PATIENTS**      08:42 - 08:48

*Poster Presenter:* Jishmi Shah (Anand, India)

II-D2.W.01      **THE EFFECTS OF NON-INVASIVE TRANSCRANIAL MAGNETIC STIMULATION ON COMORBIDITIES IN INDIVIDUALS WITH CHRONIC NEUROPATHIC PAIN**      08:48 - 08:54

*Poster Presenter:* Joy Thomas (Saint-Etienne, France)

I-C2.W.02      **CONSISTENT NEURAL ACTIVATION USING PRECISION, DOSE-CONTROL CLOSED-LOOP SCS LEADS TO DURABLE 3-YEAR OUTCOMES**      08:54 - 08:54

*Poster Presenter:* Nagy Mekhail (Cleveland, United States)

#### Plenary

09:00 - 10:30

Auditorium Lumière (Level Lumière)

#### Plenary Debate: Nociplastic Pain

*Chair:* Mira Meeus (Antwerpen, Belgium)

*Chair:* Fernando Cervero (Montreal, Canada)

#### Introduction by the Chairs

09:00 - 09:06

#### Position Statement 1

09:06 - 09:14

*Plenary Speaker:* Fusao Kato (Tokyo, Japan)

#### Position Statement 2

09:14 - 09:22

*Plenary Speaker:* Eva Kosek (Stockholm, Sweden)

#### Position Statement 3

09:22 - 09:30

*Plenary Speaker:* Winfried Häuser (Germany)

#### Debate on Nociplastic pain: Classification/diagnosis, Pathophysiology, and Management

09:30 - 10:30

*Plenary Speaker:* Winfried Häuser (Germany)

*Plenary Speaker:* Eva Kosek (Stockholm, Sweden)

*Plenary Speaker:* Fusao Kato (Tokyo, Japan)

#### Breaks

10:30 - 11:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### Morning Break

## Topical Workshops

11:00 - 12:30

Auditorium Lumière (Level Lumière)

**A Sorrow Shared Is a Sorrow Halved: Novel Evidence on the Impact of Social Factors on Pain-Related Outcomes**

Chair: Ann Meulders (Maastricht, Netherlands)

**The Impact of Social Context on Experimental Pain and Pain-related Fear and Avoidance Learning**

11:00 - 11:21

Speaker: Ann Meulders (Maastricht, Netherlands)

**From me to you and beyond: understanding the role of social learning in placebo effects for pain and how to prevent them**

11:21 - 11:42

Speaker: Kirsten Barnes (Sydney, Australia)

**Opioid self-administration is enhanced by social stress in healthy men but not women: A randomized controlled experimental medicine study**

11:42 - 12:03

Speaker: Siri Leknes (Oslo, Norway)

III-A.28

**THE 'CUPID' COHORT STUDY: SOCIAL AND CULTURAL IMPACT OF PAIN, DISABILITY, AND QUALITY OF LIFE IN 1,350 DUTCH PRIMARY CARE PATIENTS WITH NON-SPECIFIC MUSCULOSKELETAL PAIN**

12:03 - 12:13

Oral Abstract Presenter: Renske Annevelink (Rotterdam, Netherlands)

**Joint discussion**

12:13 - 12:30

## Topical Workshops

11:00 - 12:30

Forum 1 (Level Forum)

**Habituation and Sensitization to Noxious Stimuli: History, Mechanisms and Clinical Potential**

Chair: Rich Harrison (Reading, United Kingdom)

**Habituation and sensitization to pain: latest insights and future perspectives**

11:00 - 11:21

Speaker: Maite van der Miesen (Maastricht, Netherlands)

**"I just get used to it": The neural mechanisms underlying individual differences in pain adaptation**

11:21 - 11:42

Speaker: Rich Harrison (Reading, United Kingdom)

**Clinical evidence for the use of pain habituation as a surrogate measure of central sensitization**

11:42 - 12:03

Speaker: Michèle Hubli (Zürich, Switzerland)

III-D.42

**COGNITIVE REAPPRAISAL OF PAIN OR PAIN-UNRELATED NEGATIVE EMOTION REDUCES PAIN INTENSITY, EMOTIONAL DISTRESS, AND CENTRAL SENSITIZATION**

12:03 - 12:13

Oral Abstract Presenter: Tim Salomons (Kingston, Canada)

**Joint discussion**

12:13 - 12:30

## Topical Workshops

11:00 - 12:30

Forum 2 (Level Forum)

**Rethinking Pain and Obesity: Transforming Treatment Beyond 'Eat Less, Move More'**

Chair: Natasha S. Hinwood (Dublin, Ireland)

**Multidimensional Pain Profiling in People Living with Obesity: a Longitudinal Cohort Study And Implications for Clinical Practice**

11:00 - 11:18

Speaker: Natasha S. Hinwood (Dublin, Ireland)

**Nutrition and Chronic Pain in People Living with Obesity: Addressing Eating Habits Has a Central Role in Pain Management**

11:18 - 11:36

Speaker: Huan-Ji Dong (Linköping, Sweden)



|                               |  |               |
|-------------------------------|--|---------------|
|                               | <b>Integrating Weight Reduction with Chronic Pain Management: What do we mean when we say personalised?</b>    | 11:36 - 11:54 |
|                               | <i>Speaker:</i> Anneleen Malfliet (Brussels, Belgium)  |               |
| II-D-24                       | <b>TAILORED PHYSICAL ACTIVITY INTERVENTIONS FOR CHRONIC PAIN PATIENTS: INSIGHTS FROM A MIXED-METHODS STUDY</b> | 11:54 - 12:04 |
|                               | <i>Oral Abstract Presenter:</i> Ian-Ju Liang (Dundee, United Kingdom)  |               |
| III-D.72                      | <b>RESISTANCE EXERCISE SHOWS PROMISING PAIN OUTCOMES IN WOMEN LIVING WITH OBESITY</b>                          | 12:04 - 12:14 |
|                               | <i>Oral Abstract Presenter:</i> Mary Davis (Dublin, Ireland)   |               |
|                               | <b>Joint discussion</b>  | 12:14 - 12:25 |
| <br><i>Masterclass Course</i> |  |               |
| 11:00 - 12:30                 | Rhône 3AB (Level Rhône Pasteur)  |               |
|                               | <b>Research Masterclass: Use of Routinely Collected Data and Real-World Experiments in Pain Research</b>       |               |
|                               | <i>Chair:</i> Jan Vollert (Exeter, United Kingdom)   |               |
|                               | <b>Databases and repositories for generating "real-world evidence"</b>   | 11:00 - 11:20 |
|                               | <i>Speaker:</i> Jan Vollert (Exeter, United Kingdom)   |               |
|                               | <b>Phenotyping Chronic Pain Patients Using Natural Language Processing</b>                                     | 11:20 - 11:40 |
|                               | <i>Speaker:</i> Paul Geha (Rochester, NY, United States)   |               |
|                               | <b>Best-practice considerations for pragmatic trials in pain research</b>                                      | 11:40 - 12:00 |
|                               | <i>Speaker:</i> David Hohenschurz-Schmidt (London, United Kingdom)   |               |
| <br><i>Topical Workshops</i>  |  |               |
| 11:00 - 12:30                 | Saint-Claire 3AB (Level Saint-Claire)  |               |
|                               | <b>Receptor Channels: From Molecular Mechanisms to Therapeutic Targets for Treating Acute and Chronic Pain</b> |               |
|                               | <i>Chair:</i> Romina Nassini (Florence, Italy)   |               |
|                               | <b>Receptor Channels in Neuronal and Non-Neuronal Cells: Gatekeepers for the Development of Pain</b>           | 11:00 - 11:21 |
|                               | <i>Speaker:</i> Romina Nassini (Florence, Italy)   |               |
|                               | <b>Targeting mitochondria to promote analgesia through TRPA1 channels</b>                                      | 11:21 - 11:42 |
|                               | <i>Speaker:</i> Vanessa Olzon Zambelli (Sao Paulo, Brazil)   |               |
|                               | <b>Leveraging avian resistance to capsaicin to develop TRPV1 therapeutics to treat pain</b>                    | 11:42 - 12:03 |
|                               | <i>Speaker:</i> Eric R. Gross (Stanford, United States)  |               |
| III-B.20                      | <b>THE EFFECT OF PRENATAL STRESS ON DEVELOPEMENT AND FUNCTIONS OF NOCICEPTORS</b>                              | 12:03 - 12:13 |
|                               | <i>Oral Abstract Presenter:</i> Nadine Gheziel (Toulouse, France)  |               |
|                               | <b>Joint discussion</b>  | 12:13 - 12:30 |
| <br><i>Topical Workshops</i>  |  |               |
| 11:00 - 12:30                 | Auditorium Pasteur (Level Rhône Pasteur)   |               |
|                               | <b>From Bench to Clinic: Three Novel Therapeutic Targets for Chronic Pain on the Path to Clinical Use</b>      |               |
|                               | <i>Chair:</i> Cyril Rivat (Montpellier, France)  |               |
|                               | <b>It takes two to Tango: Cytokine Fusion protein for the treatment of chronic pain</b>                        | 11:00 - 11:21 |
|                               | <i>Speaker:</i> Niels Eijkelkamp (Utrecht, Netherlands)  |               |
|                               | <b>TAF4A-based new treatment for pathological pain in human</b>  | 11:21 - 11:42 |

Speaker: Aziz Moqrich (Marseille, France)

**FLT3 as a new target for peripheral neuropathic pain**

11:42 - 12:03

Speaker: Cyril Rivat (Montpellier, France)

I-D.76

**NDMC SHOWS EFFICACY IN A PHASE IIA TRIAL IN CHRONIC NEUROPATHIC PATIENTS**

12:03 - 12:13

Poster Presenter: Jules Desmeules (Geneva, Switzerland)

**Joint discussion**

12:13 - 12:30

*Topical Workshops*

11:00 - 12:30

Salon Pasteur (Level Rhône Pasteur)

**Chronic Pain and Comorbid Affective Disorders: Towards Mechanistic Understanding and Novel Treatments, With Consideration of Sexual Dimorphism**

Chair: Ipek Yalcin (Strasbourg, France)

**Reaching circuitry level of understanding of the comorbidity between chronic pain and mood disorders.**

11:00 - 11:21

Speaker: Ipek Yalcin (Strasbourg, France)

**Sex differences in pain-induced anxiety and depression: role of the locus coeruleus-noradrenergic system**

11:21 - 11:42

Speaker: Esther Berrocoso (Cadiz, Spain)

**Role of the endocannabinoid system at the interface of pain and negative affect: preclinical and clinical evidence**

11:42 - 12:03

Speaker: David Finn (Galway, Ireland)

I-A.46

**AUGMENTED CONNECTIVITY OF REWARD-RELATED AND DEFAULT MODE NETWORK REGIONS IN FIBROMYALGIA AND MAJOR DEPRESSION**

12:03 - 12:13

Poster Presenter: Lidia Izquierdo (Barcelona, Spain)

**Joint discussion**

12:13 - 12:30

*Debate Workshops*

11:00 - 12:30

Rhône 2 (Level Rhône Pasteur)

**Lessons Learned from Three Data Harmonization Initiatives for Pain across the Lifespan**

Chair: Esther Pogatzki-Zahn (Münster, Germany)

**Lessons Learned from Development of a Core Outcome Set for Pediatric Persistent Pain: Unique Measurement and Developmental Considerations**

11:00 - 11:09

Speaker: Tonya Palermo (Seattle, United States)

**PROMPT-IMIPainCare Delphi Process on Patient Reported Outcome Measures (PROMs) for Postsurgical Pain**

11:09 - 11:18

Speaker: Daniela Rosenberger (Muenster, Germany)

**Involving Diverse People with Lived Experience as Partners when Establishing Core Outcomes: Why it Matters & Best Practices**

11:18 - 11:27

Speaker: Kate Nicholson (Boulder, United States)

**Lessons Learned from Three Initiatives Developing Core Outcome Sets (COS) for Pain Across the Lifespan**

11:27 - 11:36

Speaker: Esther Pogatzki-Zahn (Münster, Germany)

**General Discussion with the Audience**

11:36 - 12:30

## Posters

12:20 - 14:00

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**III. Poster viewing**

## Posters

12:30 - 14:00

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**C. Diagnosis & Measurement in Pain**

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| III-C.01 | <b>DISTINCTIVE SALIVARY ORAL MICROBIOME IN PATIENTS WITH BURNING MOUTH SYNDROME DEPENDING ON PAIN INTENSITY COMPARED TO HEALTHY SUBJECTS</b> | 12:30 - 12:30 |
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Poster Presenter: Hye-min Ju (Pusan, Korea, Republic of)

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| III-C.02 | <b>UNVEILING THE TRANSITION TO CHRONIC PAIN AND IDENTIFYING TREATMENT TARGETS USING SPATIAL TRANSCRIPTOMICS IN A MOUSE MODEL OF ACID-INDUCED MUSCLE PAIN</b> | 12:30 - 12:30 |
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Poster Presenter: Yu-Wang Chang (Taipei, Taiwan, China)

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| III-C.03 | <b>MOLECULAR PATHOPHYSIOLOGY OF PAIN FOLLOWING COVID-19 INFECTION</b> | 12:30 - 12:30 |
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Poster Presenter: Calvin Surbey (Montreal, Canada)

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| III-C.04 | <b>PATIENT SATISFACTION RELATED TO PAIN MANAGEMENT</b> | 12:30 - 12:30 |
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Poster Presenter: Agron Bytyqi (Prizren, Kosovo)

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| III-C.05 | <b>PREDICTIVE MODELING OF CHRONIC POSTSURGICAL PAIN: AN EXAMINATION OF PAIN TRAJECTORY, AREA UNDER THE CURVE AND CUMULATIVE PAIN INTENSITY IN TOTAL KNEE ARTHROPLASTY</b> | 12:30 - 12:30 |
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Poster Presenter: Ryota Imai (Kaizuka, Japan)

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| III-C.06 | <b>PAIN QUALITY-BASED SUBGROUP ANALYSIS OF POST-STROKE PAIN: CLINICAL OUTCOMES AND WHITE MATTER FIBER DAMAGE</b> | 12:30 - 12:30 |
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Poster Presenter: Shinji Uragami (Nara, Japan)

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| III-C.07 | <b>DEVELOPMENT AND VALIDATION OF A MULTIVARIABLE PREDICTION MODEL FOR TEMPORAL SUMMATION AND CONDITIONED PAIN MODULATION</b> | 12:30 - 12:30 |
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Poster Presenter: Matthieu Vincenot (Sherbrooke, Canada)

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| III-C.08 | <b>PROSPECTIVE PILOT STUDY OF A MACHINE LEARNING CLINICAL DECISION SUPPORT FRAMEWORK FOR INTERDISCIPLINARY MULTIMODAL PAIN TREATMENT (IMPT) OF PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN (CMP)</b> | 12:30 - 12:30 |
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Poster Presenter: Rob Smeets (Maastricht, Netherlands)

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| III-C.09 | <b>EFFICACY OF TWO PSYCHOLOGICAL THERAPIES FOR DIFFERENT INDICES OF PAIN-RELATED OUTCOMES DERIVED FROM ECOLOGICAL MOMENTARY ASSESSMENT</b> | 12:30 - 12:30 |
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Poster Presenter: Juan V. Luciano (Sant Boi de Llobregat, Spain)

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| III-C.10 | <b>PREDICTING CHRONIC POSTSURGICAL PAIN FOLLOWING VIDEO-ASSISTED THORACOSCOPIC SURGERY - AN EXPLORATORY ANALYSIS OF PREDICTORS AND PREDICTION MODELS</b> | 12:30 - 12:30 |
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Poster Presenter: Phillip Sperling (Aalborg, Denmark)

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| III-C.11 | <b>DELAYED DIAGNOSIS IN FIBROMYALGIA: A MIXED METHODS APPROACH TO INVESTIGATE THE EXPERIENCE AND IMPACT ON PHYSICAL AND MENTAL WELLBEING OF PEOPLE WITH FIBROMYALGIA</b> | 12:30 - 12:30 |
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Poster Presenter: Kabir Mayana Isah (Hatfield, United Kingdom)

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| III-C.12 | <b>PREDICTIVE MODELING FOR POSTOPERATIVE PAIN MANAGEMENT IN TOTAL KNEE ARTHROPLASTY: HARNESSING</b> | 12:30 - 12:30 |
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**ARTIFICIAL INTELLIGENCE FOR PERSONALIZED CARE***Poster Presenter:* Anissa Belbachir (Paris, France)

- III-C.13                    **VERIFICATION OF INTERVALS BETWEEN PRETEST STIMULI THAT DO NOT AFFECT EXERCISE-INDUCED HYPOALGESIA**                    12:30 - 12:30

*Poster Presenter:* Hiroki Chiba (Funabashi, Japan)

- III-C.14                    **PAIN RESILIENCE: STATE OR TRAIT ? DURATION AND RELIABILITY OF CONDITIONED PAIN MODULATION**                    12:30 - 12:30

*Poster Presenter:* Olga Minko (Maastricht, Netherlands)

- III-C.15                    **DETERMINATION OF THE OPTIMAL WAITING TIME BETWEEN REPEATED MEASUREMENTS OF THE PRESSURE PAIN THRESHOLD; PROTOCOL PRESENTATION**                    12:30 - 12:30

*Poster Presenter:* Hatice Ceylan (Ankara, Turkey)

- III-C.16                    **DO EXPECTATIONS AND ATTENTION INFLUENCE CONDITIONED PAIN MODULATION? FINDINGS AND RESEARCH PERSPECTIVES FROM A SYSTEMATIC REVIEW AND META-ANALYSIS OF THE EXISTING LITERATURE**                    12:30 - 12:30

*Poster Presenter:* Jessica Van Oosterwijck (Ghent, Belgium)

- III-C.17                    **REPRODUCIBILITY OF QUANTITATIVE SENSORY TESTING ON THE DOMINANT HAND, RIGHT FOREARM, RIGHT FLANK AND LOWER BACK OF HEALTHY VOLUNTEERS**                    12:30 - 12:30

*Poster Presenter:* Flore Van Olmen (Leuven, Belgium)

- III-C.18                    **SHAPE MATTERS: COMPARING HEMISPHERICAL AND CYLINDRICAL ALGOMETER TIPS FOR PRESSURE PAIN THRESHOLD ASSESSMENT**                    12:30 - 12:30

*Poster Presenter:* Laura Sirucek (Zurich, Switzerland)

- III-C.20                    **ASSESSMENT OF SENSITIZATION, PAIN CONTRIBUTING FACTORS AND HEALTH STATUS IN WORK-RELATED THUMB PAIN AMONG PHYSIOTHERAPISTS. A CROSS-SECTIONAL CASE-CONTROL STUDY**                    12:30 - 12:30

*Poster Presenter:* Giacomo Carta (Vienna, Austria)

- III-C.21                    **CENTRAL AND PERIPHERAL SENSITIZATION, AND PAIN CONTRIBUTING FACTORS IN SHOULDER PAIN PATIENTS AND HEALTHY PEOPLE**                    12:30 - 12:30

*Poster Presenter:* Francesca Elena Zanchettin (Orbassano, Italy)

- III-C.22                    **EXPLORING THE RELATIONSHIP BETWEEN PAIN MODULATION AND PSYCHOLOGICAL STATE IN PATIENTS WITH CANCER**                    12:30 - 12:30

*Poster Presenter:* Antonio Gil-Ugidos (Santiago de Compostela, Spain)

- III-C.23                    **CAN HUMAN SPINAL NOCICEPTION ASSESSED USING THE NOCICEPTIVE FLEXION REFLEX BE MODULATED BY NON-CONSERVATIVE TREATMENT MODALITIES? EVIDENCE FROM A SYSTEMATIC REVIEW AND META-ANALYSIS**                    12:30 - 12:30

*Poster Presenter:* Jessica Van Oosterwijck (Ghent, Belgium)

- III-C.25                    **CHRONIC CANCER-RELATED PAIN IN PATIENTS SEEKING REHABILITATION FOR VARIOUS NEEDS**                    12:30 - 12:30

*Poster Presenter:* Henrik Bjarke Vægter (Odense, Denmark)

- III-C.26                    **PREVALENCE OF CHRONIC PAIN IN 7<sup>TH</sup> AND 8<sup>TH</sup> GRADE STUDENTS: A STUDY IN A SMALL PORTUGUESE TOWN**                    12:30 - 12:30

*Poster Presenter:* Ana Sousa (Coimbra, Portugal)

- III-C.27                    **DISEASE BURDEN IN CHRONIC PAIN. A LARGE SCALE REGISTRY STUDY ACROSS THE ICD-11 CHRONIC PAIN CLASSIFICATION**                    12:30 - 12:30

*Poster Presenter:* Sara M. Vambheim (Oslo, Norway)

- III-C.28                    **VALUE4PAIN: DATA-DRIVEN IMPROVEMENT OF CHRONIC PAIN**                    12:30 - 12:30

**CARE IN THE SOUTH OF NETHERLAND, TO SUPPORT THE RIGHT CARE FOR THE RIGHT PATIENT AT THE RIGHT PLACE**

*Poster Presenter:* Sophie Waardenburg (Maastricht, Netherlands)

III-C.29      **EDOL MHEALTH APP AND WEB PLATFORM FOR MEDICAL FOLLOW-UP OF CHRONIC PAIN PATIENTS: SNAPSHOT OF THE FRENCH EDOL NATIONAL COHORT AFTER 3 YEARS**      12:30 - 12:30

*Poster Presenter:* Jules Phalip (Clermont-Ferrand, France)

III-C.30      **THE USE OF RECTAL DICLOFENAC FOR POSTOP LOWER SEGMENT CAESAREAN SECTION PAIN: AN AUDIT EXAMINING COMPLIANCE, COMPLICATIONS AND EFFICACY**      12:30 - 12:30

*Poster Presenter:* Joanna Fahey (Dublin, Ireland)

III-C.31      **COMPREHENSIVE CARE FOR METASTATIC BONE DISEASE: THE OXMINT INITIATIVE**      12:30 - 12:30

*Poster Presenter:* Mariam Latif (Oxford, United Kingdom)

III-C.32      **RESTING EEG NETWORK ABNORMALITIES ASSOCIATED WITH PHANTOM LIMB PAIN: A PRELIMINARY STUDY OF FOUR CASES**      12:30 - 12:30

*Poster Presenter:* Shiori Kinoshita (Nara, Japan)

III-C.33      **ASSESSING THE PREDICTIVE VALUE OF PEAK ALPHA FREQUENCY FOR THE SENSITIVITY TO PAIN**      12:30 - 12:30

*Poster Presenter:* Elisabeth S. May (Munich, Germany)

III-C.34      **PAIN SENSITIVITY AND EMOTIONAL PROCESSING IN CHRONIC WIDESPREAD PAIN: EXPLORING RESTING EEG BIOMARKERS**      12:30 - 12:30

*Poster Presenter:* Keiko Yamada (Tokyo, Japan)

III-C.36      **EXPLORING CHANGES AND ASSOCIATIONS IN PRIMARY MOTOR CORTEX AND MOTOR-SENSORY TESTS IN RELATION TO LOW BACK PAIN RECOVERY**      12:30 - 12:30

*Poster Presenter:* Sabrine Klerx (Utrecht, Netherlands)

III-C.37      **RESTING STATE EEG AND MEG IN MIGRAINE - A SYSTEMATIC REVIEW AND META-ANALYSIS**      12:30 - 12:30

*Poster Presenter:* Paul Theo Zebhauser (Munich, Germany)

III-C.38      **TRANSDIAGNOSTIC RESTING-STATE EEG BIOMARKERS OF CHRONIC PAIN, DEPRESSION, AND FATIGUE**      12:30 - 12:30

*Poster Presenter:* Henrik Heitmann (München, Germany)

III-C.39      **NEURAL AND PSYCHOLOGICAL PREDICTORS OF POST-STROKE PAIN: INSIGHTS FROM LESION NETWORK MAPPING**      12:30 - 12:30

*Poster Presenter:* Alina Stegemann (Berlin, Germany)

III-C.40      **ASSESSING THE TEST-RETEST RELIABILITY OF EVENT RELATED CORTICAL ACTIVITY FOLLOWING HIGH FREQUENCY STIMULATION INDUCED SENSITISATION OF CENTRAL NOCICEPTIVE PATHWAYS**      12:30 - 12:30

*Poster Presenter:* Samuel Muggleston (Plymouth, United Kingdom)

III-C.41      **HOW IS ALTERED PAIN MODULATION RELATED TO BRAIN VOLUMES IN DIFFERENT PAIN POPULATIONS?**      12:30 - 12:30

*Poster Presenter:* Matthijs Moerkerke (Ghent, Belgium)

III-C.42      **DYNAMICS OF ELECTROENCEPHALOGRAPHIC PEAK ALPHA FREQUENCY IN CAPSAICIN-INDUCED PAIN AND RESOLUTION**      12:30 - 12:30

*Poster Presenter:* Samantha Kathleen Millard (Aalborg, Denmark)

III-C.43      **THE INFLUENCE OF PAIN ON MULTISENSORY INTEGRATION AND THE UNDERLYING NEURONAL NETWORKS**      12:30 - 12:30

*Poster Presenter:* Anna Katharina Meyer (Hamburg, Germany)

III-C.44      **RESTING-STATE NEURAL CORRELATES OF DISRUPTIONS IN**      12:30 - 12:30

### **SPATIAL PERCEPTION DURING TONIC EXPERIMENTAL PAIN: A PILOT FMRI PROTOCOL**

*Poster Presenter:* Danielle Hewitt (Oxford, United Kingdom)

III-C.45      **THE KNOWLEDGE AND ATTITUDES OF MEDICAL STUDENTS REGARDING OPIOPHOBIA IN SERBIA: A CROSS - SECTIONAL STUDY**      12:30 - 12:30

III-C.46      **RECOMMENDATIONS FOR DEVELOPMENT, IMPLEMENTATION AND REPORTING OF TRANSLATIONAL CHRONIC PAIN TRIALS -A MULTIDISCIPLINARY, INTERNATIONAL DELPHI-CONSENSUS PROCESS FROM THE IT-PAIN CONSORTIUM**      12:30 - 12:30

*Poster Presenter:* Bruno Pradier (Munster, Germany)

#### *Posters*

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### **D. Pain Therapies**

III-D.01      **DIFFERENCES IN THE PREVALENCE OF LONG-TERM OPIOID USE BETWEEN OXYCODONE AND MORPHINE IN POSTOPERATIVE ORTHOPAEDIC PATIENTS: A QUASI-EXPERIMENTAL STUDY**      12:30 - 12:30

*Poster Presenter:* Eward J. Melis (Nijmegen, Netherlands)

III-D.02      **BEHAVIORAL, BIOCHEMICAL, HAEMATOLOGICAL, AND HISTOPATHOLOGICAL ASSESSMENTS OF ACUTE AND SUB-CHRONIC ADMINISTRATIONS OF SUB-PSYCHOTOMIMETIC-ANALGESIC-DOSE OF KETAMINE IN MICE**      12:30 - 12:30

*Poster Presenter:* Soliu Atunwa (Ilorin, Nigeria)

III-D.03      **ANALGESICS USE OF PEOPLE WITH NON-CANCER MUSCULOSKELETAL PAIN IN FRANCE: RESULTS FROM THE CONSTANCES COHORT**      12:30 - 12:30

*Poster Presenter:* Florian Bailly (Paris, France)

III-D.04      **THE EFFECT THE ADDITION OF MAGNESIUM SULFATE IN AN INTRA-ARTICULAR INJECTION OF ROPIVACAINE HAS ON POSTOPERATIVE ANALGESIA IN PATIENTS SUBMITTED TO HIP ARTHROPLASTY**      12:30 - 12:30

*Poster Presenter:* Lydia Theodorou (Athens, Greece)

III-D.05      **DEVELOPING AN OPIOID EFFECT EXPECTATIONS QUESTIONNAIRE: STUDY PROTOCOL**      12:30 - 12:30

*Poster Presenter:* Mathias Roland (Oslo, Norway)

III-D.06      **LEFTOVER OPIOIDS FOLLOWING AMBULATORY SURGERY IN A NORWEGIAN HOSPITAL**      12:30 - 12:30

*Poster Presenter:* Marlin Comelon (Oslo, Norway)

III-D.07      **RECONSOLIDATION BLOCKADE WITH PROPRANOLOL AS A NOVEL TREATMENT FOR FIBROMYALGIA: A DOUBLE-BLIND PLACEBO-CONTROLLED FEASIBILITY STUDY**      12:30 - 12:30

*Poster Presenter:* Alexia Coulombe-Leveque (Sherbrooke, Canada)

III-D.08      **INTRATRACHEAL OXYCODONE**      12:30 - 12:30

*Poster Presenter:* Anna Haataja (Kuopio, Finland)

III-D.09      **AUDIT OF THE INDICATIONS AND EFFECTIVENESS OF LIDOCAINE MEDICATED PLASTERS (LMPS) IN CHRONIC PAIN PATIENTS**      12:30 - 12:30

*Poster Presenter:* Chloe Hui Xin Chang (Glasgow, United Kingdom)

III-D.11      **BRAIN REGION-SPECIFIC EXPRESSION OF PROTEASOMAL SUBUNITS IN NEUROPATHIC PAIN: A POTENTIAL ROLE FOR PEPTIDE-BASED MODULATORS**      12:30 - 12:30

*Poster Presenter:* Natalia Stelmach (Wroclaw, Poland)

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| III-D.12 | <b>LONGITUDINAL OUTCOME EVALUATIONS OF INTERDISCIPLINARY MULTIMODAL PAIN TREATMENT PROGRAMS FOR PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN: A LIVING SYSTEMATIC REVIEW</b>  | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Elise Cnockaert (Ghent, Belgium)   |               |
| III-D.13 | <b>EXPLORING THE EXPERIENCES OF CONSUMERS WITH CHRONIC PAIN AND SERVICE PROVIDERS IN THE USE OF EACH TELEHEALTH MODALITY TO FACILITATE A SHARED UNDERSTANDING OF GOALS</b>  | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Yuho Okita (Melbourne, Australia)  |               |
| III-D.14 | <b>CLINICAL SUPERVISORS EXPERIENCE TEACHING PHYSIOTHERAPY STUDENTS TO SCREEN FOR SERIOUS PATHOLOGY - A FOCUS GROUP STUDY</b>  | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Gert Værgø Østergaard (Aalborg, Denmark)   |               |
| III-D.15 | <b>EFFECTIVENESS OF PILATES AND KINESIOTAPE IN OFFICE WORKERS WITH CHRONIC NECK PAIN: A RANDOMIZED CONTROLLED SINGLE-BLIND PILOT STUDY</b>                                  | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Ali Mutlu (Mersin, Turkey)   |               |
| III-D.16 | <b>ALL FOR ONE, ONE FOR ALL? A SCOPING REVIEW ON SINGLE CASE EXPERIMENTAL DESIGNS IN PHYSIOTHERAPY FOR SPINAL PAIN</b>  | 12:30 - 12:30 |
| III-D.17 | <b>THE CONTROL OF NEUROPATHIC PAIN THROUGH PERFETTI MULTISENSORY COGNITIVE REHABILITATION (RCM): AN APPROACH TO SENSORIMOTOR INCONGRUENCE</b>                               | 12:30 - 12:30 |
| III-D.18 | <b>EFFECTIVE PHYSIOTHERAPY INTERVENTIONS FOR REDUCING PAIN AFTER BURN INJURY: A SYSTEMATIC REVIEW</b>   | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Martin Argus (Tallinn, Estonia)  |               |
| III-D.20 | <b>IN-DEPTH ANALYSIS OF COMBINED MOTOR LEARNING AND BEHAVIOR CHANGE STRATEGIES TO ENHANCE MOVEMENT BEHAVIOR IN PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN</b>               | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Matthijs Tuijt (Zwolle, Netherlands)   |               |
| III-D.21 | <b>EVALUATING THE EFFECTIVENESS OF COMBINED MOTOR LEARNING AND BEHAVIOR CHANGE STRATEGIES FOR MOVEMENT BEHAVIOR IN CHRONIC MUSCULOSKELETAL PAIN: A SYSTEMATIC REVIEW</b>    | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Ingrid van Duijvenbode (Amsterdam, Netherlands)  |               |
| III-D.23 | <b>REDUCING PAIN AND IMPROVING FUNCTIONAL ABILITY AND QUALITY OF LIFE WITH APPLICATION OF RADIAL EXTRACORPOREAL SHOCK WAVE THERAPY IN PATIENTS WITH KNEE OSTEOARTHRITIS</b> | 12:30 - 12:30 |
| III-D.24 | <b>PHYSICAL THERAPY INTERVENTION IN PEOPLE WITH ANXIETY-DEPRESSION SYMPTOMS PRESENTING CHRONIC PAIN: A CASE SERIES</b>  | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Rocío Fortún-Rabadán (Villanueva de Gállego, Spain)  |               |
| III-D.25 | <b>PAIN MANAGEMENT AND EXPERIENCES IN SPINAL CORD INJURY: INSIGHTS FROM PATIENTS AND HEALTH-CARE PROFESSIONALS</b>  | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Emmanuelle Opsommer (Lausanne, Switzerland)  |               |
| III-D.26 | <b>EFFECTS OF EXPERIMENTALLY INDUCED LOCAL AND NONLOCAL ACUTE PAIN ON LUMBAR MOVEMENT CONTROL</b>   | 12:30 - 12:30 |
|          | <i>Poster Presenter:</i> Beate Schüßler (Lübeck, Germany)   |               |
| III-D.27 | <b>THE CONSISTENCY OF THE ANALGESIC PLACEBO-RESPONSE</b>  | 12:30 - 12:30 |

### ACROSS TIME AND PARADIGMS - RESULTS FROM A SHAM RANDOMIZED CLINICAL TRIAL OF CHRONIC-BACK-PAIN PATIENTS

*Poster Presenter:* Adi Shani (Haifa, Israel)

III-D.28      **THE PLACEBO RESPONSIVENESS QUESTIONNAIRE (PRQ): SELF  
OR PEER REPORTED?**      12:30 - 12:30

*Poster Presenter:* Sara Pasqualini (Milan, Italy)

III-D.29      **OPTIMIZING PAIN RELIEF: OPEN-LABEL PLACEBOS REINFORCED  
BY OPERANT CONDITIONING**      12:30 - 12:30

*Poster Presenter:* Justyna Brzączyk (Kraków, Poland)

III-D.30      **PAIN OVER EFFORT? NOCEBO HYPERALGESIA INDUCED BY  
OPERANT CONDITIONING WITH COGNITIVE EFFORT AS  
NEGATIVE REINFORCEMENT**      12:30 - 12:30

*Poster Presenter:* Ewa Buglewicz-Przewoźnik (Kraków, Poland)

III-D.31      **CAN PLACEBO HYPOALGESIA BE ACQUIRED THROUGH THE  
OBSERVATION OF OTHERS UNDERGOING OPERANT  
CONDITIONING?**      12:30 - 12:30

*Poster Presenter:* Helena Bieniek (Kraków, Poland)

III-D.33      **AURICULAR VAGAL STIMULATION PREVENTS OXALIPLATIN-  
INDUCED NEUROPATHIC PAIN IN PRE-CLINICAL MODEL:  
PERIPHERAL AND CENTRAL MOLECULAR INSIGHTS**      12:30 - 12:30

*Poster Presenter:* Rosana Pagano (São Paulo, Brazil)

III-D.34      **EFFICACY AND SAFETY OF PREEMPTIVE ANALGESIA WITH  
HYDROMORPHONE FOR PATIENTS UNDERGOING  
LAPAROSCOPIC CHOLECYSTECTOMY: A SYSTEMATIC REVIEW  
AND META-ANALYSIS**      12:30 - 12:30

*Poster Presenter:* Xingying He (Shanghai, China)

III-D.36      **INVESTIGATING THE EFFECT OF PREGABALIN ON  
POSTOPERATIVE PAIN IN NON-EMERGENCY CRANIOTOMY**      12:30 - 12:30

III-D.37      **SOCIAL MEDIA CAMPAIGN FOR CHRONIC PAIN PREVENTION:  
PROTOCOL FOR A QUASI-EXPERIMENTAL BEFORE-AFTER STUDY**      12:30 - 12:30

*Poster Presenter:* Remko Soer (Groningen, Netherlands)

III-D.38      **FREQUENCIES OF PERSISTENCE, ACTIVITY PACING, AVOIDANCE  
BEHAVIOUR AND GENERAL STRESS IN ACUTE NECK PAIN**      12:30 - 12:30

*Poster Presenter:* Rita Morf (Winterthur, Switzerland)

III-D.39      **A COMPARATIVE ANALYSIS OF THE SIDE EFFECTS OF  
PSYCHOTHERAPY IN CHRONIC PAIN PATIENTS**      12:30 - 12:30

*Poster Presenter:* Stephanie Vock (Heidelberg, Germany)

III-D.40      **RECASTING PSYCHOLOGICAL INTERVENTIONS FOR  
CUSTOMIZING, OPTIMIZING, VALIDATING, AND ENHANCING  
RECOVERY OF CHRONIC PAIN PATIENTS (RECOVER PROJECT)**      12:30 - 12:30

*Poster Presenter:* Raluca Georgescu (Padova, Italy)

III-D.41      **IN BITS AND PIECES: EXPLORING PSYCHOTHERAPISTS'  
PERSPECTIVES WORKING WITH ADULT CLIENTS EXPERIENCING  
CHRONIC PAIN - AN INTERPRETATIVE PHENOMENOLOGICAL  
ANALYSIS**      12:30 - 12:30

*Poster Presenter:* Niamh Walsh (Dublin, Ireland)

III-D.42      **COGNITIVE REAPPRAISAL OF PAIN OR PAIN-UNRELATED  
NEGATIVE EMOTION REDUCES PAIN INTENSITY, EMOTIONAL  
DISTRESS, AND CENTRAL SENSITIZATION**      12:30 - 12:30

*Oral Abstract Presenter:* Tim Salomons (Kingston, Canada)

III-D.43      **ASSESSING THE EFFECTIVENESS OF THE FEELING BETTER ASD**      12:30 - 12:30



**PAIN MANAGEMENT PROGRAM FOR AUTISTIC CHILDREN***Poster Presenter:* Rachel Fitzpatrick (Galway, Ireland)

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| III-D.44 | <b>ACCEPTANCE AND COMMITMENT THERAPY (ACT) FOR PAEDIATRIC CHRONIC NONCANCER PAIN: A SYSTEMATIC REVIEW</b> | 12:30 - 12:30 |
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*Poster Presenter:* Elena R. Serrano-Ibáñez (Malaga, Spain)

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| III-D.46 | <b>TRAINING PSYCHOLOGISTS IN PAIN REPROCESSING THERAPY: A PILOT STUDY ON THERAPIST PROFICIENCY, INTERVENTION QUALITY AND PATIENT OUTCOMES</b> | 12:30 - 12:30 |
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*Poster Presenter:* Guro Løseth (Oslo, Norway)

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| III-D.48 | <b>PATIENTS' PERSPECTIVE ON STRENGTHS AND WEAKNESSES OF THE BERN AMBULATORY INTERPROFESSIONAL REHABILITATION (BAI-REHA), A MULTIMODAL PROGRAM FOR PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN</b> | 12:30 - 12:30 |
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*Poster Presenter:* Colette Widmer Leu (Bern, Switzerland)

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| III-D.49 | <b>EFFECTS OF PHYSICAL ACTIVITY ON NEUROPATHIC PAIN PREVALENCE AND INTENSITY: SYSTEMATIC REVIEW AND META-ANALYSIS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Angélique Hardy (Lyon, France)

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| III-D.50 | <b>POTENTIAL ROLE OF BDNF IN THE ANALGESIC EFFECT OF A VIRTUAL WALKING AND THERAPEUTIC EXERCISE-BASED INTERVENTION IN PEOPLE WITH INCOMPLETE SPINAL CORD INJURY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Héctor González-Pons (Valencia, Spain)

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| III-D.51 | <b>TRANSCRANIAL DIRECT CURRENT STIMULATION IN PEOPLE WITH PATELLAR TENDINOPATHY. A PILOT STUDY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Héctor González-Pons (Valencia, Spain)

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| III-D.52 | <b>INTEGRATING PATIENTS WITH A RARE DISEASE IN ESTABLISHED PAIN REHABILITATION PROGRAMMES - EXPERIENCES FROM A FEASIBILITY STUDY CONDUCTED WITH PATIENTS WITH SKELETAL DYSPLASIAS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Ariane Kwiet (Bjørnemyr, Norway)

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| III-D.53 | <b>INTERDISCIPLINARY PAIN REHABILITATION WITH LANGUAGE INTERPRETERS FOR MIGRANT PATIENTS WITH CHRONIC PAIN: A LONG-TERM FOLLOW-UP</b> | 12:30 - 12:30 |
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*Poster Presenter:* Karin Uhlin (Stockholm, Sweden)

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| III-D.54 | <b>A NOVEL FORM OF TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION FOR DYSESTHESIAS CAUSED BY SPINAL CORD INJURY: RANDOMIZED N-OF-1 TRIAL</b> | 12:30 - 12:30 |
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*Poster Presenter:* Yuki Nishi (Nagasaki, Japan)

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| III-D.56 | <b>MECHANISM OF PAIN SCIENCE EDUCATION IN INDIVIDUALS AFTER TOTAL KNEE REPLACEMENT: CAUSAL MEDIATION ANALYSIS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Yuta Tomooka (Fukuoka, Japan)

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| III-D.57 | <b>EFFECTIVENESS OF COGNITIVE FUNCTIONAL THERAPY (CFT) FOR CHRONIC SPINAL PAIN: A SYSTEMATIC REVIEW WITH META-ANALYSIS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Matteo Cioeta (Campobasso, Italy)

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| III-D.58 | <b>MEANINGFUL CONTRIBUTIONS OF REHABILITATION FOR PEOPLE WITH PERSISTENT PAIN; A REFLEXIVE THEMATIC ANALYSIS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Roland R. Reezigt (Groningen, Netherlands)

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| III-D.59 | <b>LOW-LEVEL LASER THERAPY AMELIORATED ACUTE PAIN BY</b> | 12:30 - 12:30 |
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**REGULATING M1/M2 MACROPHAGES IN THE ACUTE PHASE OF CARRAGEENAN-INDUCED ARTHRITIS IN RATS**

*Poster Presenter:* Ryo Sasaki (Nagasaki, Japan)

III-D.60      **THE EFFECT OF IDEAL PHYSIOTHERAPY (IPRP-PT) STUDY PROTOCOL ON PAIN, FUNCTION AND KINESIOPHOBIA AFTER PLATELET-RICH PLASMA (PRP) ADMINISTRATION IN PATIENTS WITH SHOULDER IMPINGEMENT SYNDROME**      12:30 - 12:30

III-D.61      **COMPARISONS BETWEEN LOW-INTENSITY RESISTANCE TRAINING WITH BLOOD FLOW RESTRICTION AND HIGH-INTENSITY RESISTANCE TRAINING ON DELAYED ONSET MUSCLE SORENESS IN SEDENTARY WOMEN**      12:30 - 12:30

*Poster Presenter:* Yunus Emre TÛTÛNEKEN (Istanbul, Turkey)

III-D.62      **EFFECT OF ECCENTRIC STRETCHING ON PAIN, GRIP STRENGTH, AND FUNCTIONAL LEVEL IN PATIENTS WITH LATERAL EPICONDYLOPATHY**      12:30 - 12:30

*Poster Presenter:* Kubra Kardes (Istanbul, Turkey)

III-D.63      **EFFECTS OF REGULAR EXERCISE ON SUBJECTIVE PAIN PERCEPTION AND ENDOGENOUS PAIN INHIBITORY SYSTEM IN THE ELDERLY: A RANDOMIZED CONTROLLED TRIAL**      12:30 - 12:30

*Poster Presenter:* Shuhei Yamaguchi (Kitanagoya, Japan)

III-D.64      **ROLE OF MUSCLE CONTRACTION IN EXERCISE-INDUCED HYPOALGESIA: AN EXPERIMENTAL STUDY USING ELECTRICAL MUSCLE STIMULATION**      12:30 - 12:30

*Poster Presenter:* Satoshi Ohga (Kobe, Japan)

III-D.65      **HOW NERVE MECHANICAL INTERFACE TREATMENT IMPACT IN PRE-SURGICAL CARPAL TUNNEL SYNDROME PATIENTS? A RANDOMIZED CONTROLLED TRIAL**      12:30 - 12:30

*Poster Presenter:* Mar Hernández Secor  n (Zaragoza, Spain)

III-D.66      **MULTIFACTORIAL RISK ASSESSMENT OF FALLS AND PRESENCE OF KINESIOPHOBIA IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS AND OSTEOPENIA**      12:30 - 12:30

*Poster Presenter:* Snezana Tomasevic-Todorovic (Novi Sad, Serbia)

III-D.68      **EFFECTIVENESS OF KINESIOLOGY TAPING (KT) IN THE REHABILITATION OF CHILDREN WITH OSGOOD-SCHLATTER DISEASE**      12:30 - 12:30

III-D.69      **COPING MECHANISMS MAY INFLUENCE SELF-MANAGEMENT STRATEGIES IN PATIENTS WITH CHRONIC LOW BACK PAIN: A KUWAITI-BASED STUDY**      12:30 - 12:30

*Poster Presenter:* Valerie Sparkes (Cardiff, United Kingdom)

III-D.70      **BRAIN NETWORK ALTERATIONS FOLLOWING VR REHABILITATION FOR PHANTOM LIMB PAIN RELIEF - CASE REPORT**      12:30 - 12:30

*Poster Presenter:* Michihiro Osumi (Nara, Japan)

III-D.71      **EFFECT OF MULTIMODAL HIGH-INTENSITY TRAINING COMPARED TO MODERATE-INTENSITY TRAINING ON INSPIRATORY MUSCLE FUNCTION IN PERSONS WITH CHRONIC NONSPECIFIC LOW BACK PAIN: PRELIMINARY RESULTS**      12:30 - 12:30

*Poster Presenter:* Sim Klaps (Hasselt, Belgium)

III-D.72      **RESISTANCE EXERCISE SHOWS PROMISING PAIN OUTCOMES IN WOMEN LIVING WITH OBESITY**      12:30 - 12:30

*Oral Abstract Presenter:* Mary Davis (Dublin, Ireland)

III-D.76      **EFFICACY OF SPINE HIGH-VELOCITY-LOW-AMPLITUDE THRUST MANIPULATIONS IN PATIENTS WITH RADICULOPATHY: A**      12:30 - 12:30

**SYSTEMATIC REVIEW WITH META-ANALYSIS***Poster Presenter:* Matteo Cioeta (Campobasso, Italy)

- III-D.77                    **THE IMPACT OF PHYSIOTHERAPISTS' COMMUNICATION SKILLS ON HEALTH OUTCOMES IN PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN**                    12:30 - 12:30

*Poster Presenter:* Paraskevi Bilika (Lamia, Greece)

- III-D.78                    **EXPLORING THE COMBINED IMPACT OF OCULOMOTOR EXERCISES AND HANDS-ON THERAPY IN NON-SPECIFIC NECK PAIN**                    12:30 - 12:30

*Poster Presenter:* Elif Tugce Cil (İstanbul, Turkey)

- III-D.79                    **A RARE COMPLICATION OF LUMBAR MEDIAL BRANCH RADIOFREQUENCY AND DORSAL ROOT GANGLION PULSED RADIOFREQUENCY: A CASE OF BENIGN PAROXYSMAL POSITIONAL VERTIGO**                    12:30 - 12:30

*Poster Presenter:* Şahin Əzizov (Baku, Azerbaijan)

- III-D.80                    **PREGABALIN AND LACOSAMIDE DO NOT ENHANCE OXYCODON INDUCED RESPIRATORY DEPRESSION: AN EXPLORATORY STUDY IN HEALTHY VOLUNTEERS**                    12:30 - 12:30

*Poster Presenter:* Tom van Dasselaar (Leiden, Netherlands)

- III-D.82                    **EFFECT OF REMIMAZOLAM ON POSTOPERATIVE DELIRIUM AND COGNITIVE FUNCTION IN ADULTS UNDERGOING GENERAL ANESTHESIA OR PROCEDURAL SEDATION: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**                    12:30 - 12:30

*Poster Presenter:* Ji In Park (Seongnam, Korea, Republic of)

- III-D.83                    **INTRADURAL NEEDLE BREAKAGE. A RARE COMPLICATION**                    12:30 - 12:30

- III-D.84                    **"COMBINING ULTRASOUND GUIDED ERECTOR SPINAE PLANE BLOCK AND INTERSCALENE BLOCKS: A NEW INNOVATIVE ANAESTHETIC APPROACH FOR AXILLOBRACHIAL BYPASS SURGERY IN COMPROMISED PATIENTS"**                    12:30 - 12:30

*Poster Presenter:* Jishmi Shah (Anand, India)

- III-D.85                    **EVALUATION OF THE RESULTS OF EARLY AND LATE POSTOPERATIVE PAIN IN ELECTIVE TOTAL HIP ARTHROPLASTY**                    12:30 - 12:30

*Poster Presenter:* Iveta Golubovska (Riga, Latvia)

- III-D.87                    **REAL WORLD EXPERIENCE OF INDIRECT DECOMPRESSION WITH AN INTERLMINAR DEVICE TO TREAT NEUROGENIC CLAUDICATION AND RADICULOPATHY**                    12:30 - 12:30

*Poster Presenter:* Julio Olaya (Little Rock, United States)**Breaks**

12:30 - 14:00

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**Lunch Break****Posters**

12:30 - 14:00

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**B. Basics in Pain**

- III-B.01                    **SHAPING AND CHANGING PAIN EXPECTATIONS THROUGH ONLINE INTERVENTIONS**                    12:30 - 12:30

*Poster Presenter:* Izabela Łaska (Poland)

- III-B.02                    **NOCEBO HYPERALGESIA IN THE DIGITAL WORLD: INDUCTION AND MODIFICATION**                    12:30 - 12:30

*Poster Presenter:* Daryna Rubanets (Cracow, Poland)

- III-B.03                    **MEDICATION USE AND ITS RELATIONSHIP WITH PAIN**                    12:30 - 12:30

**SEVERITY, PHYSICAL FUNCTIONING, DISABILITY AND WELLBEING IN INDIVIDUALS WITH CHRONIC NON-CANCER PAIN**

*Poster Presenter:* Justine Vanbavinckhove (Ghent, Belgium)

III-B.04                    **LAMINAR PROFILE OF PAIN LEARNING**                    12:30 - 12:30

*Poster Presenter:* Gianluca Guglietti (Montreal, Canada)

III-B.05                    **INVESTIGATING THE RELATIONSHIP BETWEEN PAIN-RELATED ATTENTION BIAS AND GENERALIZATION OF PAIN-RELATED FEAR AND AVOIDANCE BEHAVIOR: A VIRTUAL REALITY (VR) STUDY**                    12:30 - 12:30

*Poster Presenter:* Haixu Du (Maastricht, Netherlands)

III-B.06                    **THE ROLE OF PAIN IN ADOLESCENTS' SELF-REPORTED ATTENTIONAL CONTROL**                    12:30 - 12:30

*Poster Presenter:* Martien Schrooten (Örebro, Sweden)

III-B.07                    **SHORT-TERM IMPACT OF PREPARATORY SUGGESTIONS ON PAIN IN THE CONTEXT OF NONPHARMACOLOGICAL ACTIVITIES: A SYSTEMATIC REVIEW WITH META-ANALYSES OF RANDOMIZED CONTROLLED TRIALS**                    12:30 - 12:30

*Poster Presenter:* Maria Beck Gaarde (Odense, Denmark)

III-B.08                    **A MISSED PSYCHIATRIC DIAGNOSIS MEANS MISSED OPPORTUNITIES AMONG PATIENTS WITH CHRONIC PAIN**                    12:30 - 12:30

*Poster Presenter:* Sofia Shemiakina (Moscow, Russian Federation)

III-B.09                    **MEMORY DYSFUNCTION AND ITS CAUSES IN CHRONIC PAIN**                    12:30 - 12:30

*Poster Presenter:* Luisa Knopf (Trier, Germany)

III-B.10                    **WHAT CONSTITUTES VALIDATION AND INVALIDATION BY CLINICIANS IN CONSULTATIONS FOR CHRONIC PAIN? A QUALITATIVE EXPLORATION**                    12:30 - 12:30

*Poster Presenter:* Hollie Birkinshaw (Southampton, United Kingdom)

III-B.11                    **INTERACTION OF PAIN, BODILY CONSCIOUSNESS AND RELATIONAL PROCESSES IN WOMEN VICTIMS OF VIOLENCE AND THE ROLE OF ADAPTED KARATE TRAINING**                    12:30 - 12:30

*Poster Presenter:* Fiona Schuliar (Strasbourg, France)

III-B.12                    **IMPULSIVITY, PSYCHOLOGICAL FLEXIBILITY AND INFLEXIBILITY AS PREDICTORS OF OPIOID MISUSE IN CHRONIC PAIN**                    12:30 - 12:30

*Poster Presenter:* Victoria Barrado-Moreno (Málaga, Spain)

III-B.13                    **BODY POSTURE INFLUENCES EVOKED PAIN**                    12:30 - 12:30

*Poster Presenter:* Dolores Santiago (Jaén, Spain)

III-B.15                    **REFLECTION OF SIP PORTUGAL ON THE ISSUE OF CHRONIC PAIN: HOW TO PUT THE SOCIETAL IMPACT OF PAIN ON THE POLITICAL AGENDA**                    12:30 - 12:30

*Poster Presenter:* Maria Teresa Flor-de-Lima (Ponta Delgada, Portugal)

III-B.16                    **FUNCTIONAL CONNECTIVITY BETWEEN CORTICAL NETWORKS AS A PREDICTOR OF AROUSAL TO NOXIOUS STIMULI DURING SLEEP**                    12:30 - 12:30

*Poster Presenter:* Hélène Bastuji (Lyon, France)

III-B.17                    **NEURONAL CIRCUIT MECHANISMS OF PAIN-ANXIETY COMORBIDITY IN THE MOUSE ANTERIOR CINGULATE CORTEX**                    12:30 - 12:30

*Poster Presenter:* Mario A. Acuna (Bern, Switzerland)

III-B.18                    **SENSORY THALAMUS SOMATOTOPY: INPUTS FROM DIRECTIONAL DEEP BRAIN STIMULATION IN CHRONIC PAIN PATIENTS**                    12:30 - 12:30

*Poster Presenter:* Denys Fontaine (Nice, France)

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|---|--|---------------|
| III-B.19  | <b>ACID-SENSING ION CHANNEL 3 (ASIC3) IN COLD SENSATION</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Maëva Meynier (Valbonne, France)                     |  |               |
| III-B.20  | <b>THE EFFECT OF PRENATAL STRESS ON DEVELOPEMENT AND FUNCTIONS OF NOCICEPTORS</b>  | 12:30 - 12:30 |
| <i>Oral Abstract Presenter:</i> Nadine Gheziel (Toulouse, France)             |  |               |
| III-B.21  | <b>THE DEVELOPMENT OF THE PAIN THRESHOLD DURING A LONG-DISTANCE RUN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Jens Frøjk Axel Dixen (Aalborg, Denmark)             |  |               |
| III-B.22  | <b>NEURAL NETWORKING: INVESTIGATING BRAIN COMMUNICATION AND WIND-UP PHENOMENON IN ACUTE LOW BACK PAIN PATIENTS</b>                                     | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Sabina Hotz-Boendermaker (Winterthur, Switzerland)   |  |               |
| III-B.23  | <b>TREK1-POSITIVE NEURONS ARE INVOLVED IN CHLOROQUINE-INDUCED ITCH IN MICE</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Romane Bony (Clermont-Ferrand, France)               |  |               |
| III-B.24  | <b>ANALYZING THE EFFECT OF CARDIORESPIRATORY FITNESS LEVELS ON EEG-BASED PINPRICK-EVOKED POTENTIALS</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Elias Dreismickenbecker (Mainz, Germany)             |  |               |
| III-B.25  | <b>SLOW RECOVERY OF PRURICEPTOR FUNCTION FOLLOWING CAPSAICIN-INDUCED SKIN DENERVATION</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Roman Rukwied (Mannheim, Germany)                    |  |               |
| III-B.26  | <b>SPATIAL AND TEMPORAL DIFFERENCES BETWEEN HEAT, MECHANICAL AND C-FIBER SELECTIVE ELECTRICAL PAIN SENSITIVITY IN CAPSAICIN DENERVATED HUMAN SKIN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Daniel Litewczuk (Rome, Italy)                       |  |               |
| III-B.27  | <b>THE THERMAL GRILL ELICITS PRIMARY AND SECONDARY HYPERALGESIA</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Matthew Cormie (Toronto, Canada)                     |  |               |
| III-B.28  | <b>MOLECULAR INSIGHTS INTO SEX DIFFERENCES IN HUMAN SENSORY NEURONS</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Aubin Moutal (Saint Louis, MO, United States)        |  |               |
| III-B.29  | <b>ANTI-PRURITIC AND ANTI-INFLAMMATORY EFFECT OF TOPICAL KETAMINE, AMITRIPTYLINE AND THEIR COMBINATION ON HISTAMINERGIC AND NON-HISTAMINERGIC ITCH</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Silvia Lo Vecchio (Aalborg, Denmark)                 |  |               |
| III-B.30  | <b>CRITICAL CONTRIBUTION OF <math>NA_v1.7</math> AND <math>NA_v1.9</math> TO ACTION POTENTIAL UPSTROKE IN MECHANOSENSITIVE C-FIBERS</b>                | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Marie Mehlfeldt (Aachen, Germany)                    |  |               |
| III-B.31  | <b>DYSREGULATION OF THE SYNAPTIC TRANSCRIPTOME ORCHESTRATES CHRONIC PAIN</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Liberty Francois-Moutal (Saint Louis, United States) |  |               |
| III-B.32  | <b>INVOLVEMENT OF NEUROPEPTIDE RECEPTORS NPFFR1 AND NPFFR2 IN NEUROADAPTATION ASSOCIATED WITH CHRONIC MORPHINE AND INFLAMMATORY PAIN</b>               | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Claire Muller (Illkirch, France)                     |  |               |
| III-B.33  | <b>DELAYED P300 LATENCIES AFTER AUDITORY FEEDBACK TO A PAINFULLY OPERANTLY CONDITIONED COGNITIVE TASK</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Giulia Erica Aliotta (Gistrup, Denmark)              |  |               |
| III-B.34  | <b>SRC MEDIATE THE INTRACELLULAR NMDAR AND PANX1 INTERACTION IN THE SPINAL CORD OF A NEUROPATHIC PAIN MODEL IN MALE RATS</b>                           | 12:30 - 12:30 |

Poster Presenter: Luis Constandil (Santiago, Chile)

III-B.35 **INVESTIGATING THE TIME COURSE OF NOCICEPTIVE MAPPING WITH CONTACT-HEAT EVOKED POTENTIALS** 12:30 - 12:30

Poster Presenter: Avgustina Kuzminova (Brussels, Belgium)

III-B.37 **HUMAN A-BETA NOCICEPTORS BECOME BRUSH-RESPONSIVE DURING INFLAMMATION: IMPLICATIONS FOR TACTILE ALLODYNIA** 12:30 - 12:30

Poster Presenter: Otmame Bouchatta (Linköping, Sweden)

III-B.38 **DEVELOPMENT AND INTERNAL VALIDATION OF A MULTIVARIABLE PROGNOSTIC MODEL TO PREDICT CHRONIC PAIN AFTER A NEW EPISODE OF NON-SPECIFIC, NON-TRAUMATIC NECK PAIN IN PRIMARY CARE.** 12:30 - 12:30

Poster Presenter: Martine Verwoerd (Utrecht, Netherlands)

III-B.39 **CAN THE SPREAD OF PAIN BE DETERMINED BY CLASSICAL CONDITIONING?** 12:30 - 12:30

Poster Presenter: Wacław Adamczyk (Katowice, Poland)

III-B.40 **BIOLOGICAL RESPONSE TO EXPERIMENTAL PAIN USING A NON-OBSERVED CONTINUOUS BLOOD PRESSURE MONITOR** 12:30 - 12:30

Poster Presenter: Aya Nakae (Soraku-gun, Japan)

III-B.41 **THE INFLUENCE OF EXECUTIVE FUNCTION IN THE MAINTENANCE OF HIGH IMPACT CHRONIC PAIN: A UK BIOBANK LONGITUDINAL ANALYSIS** 12:30 - 12:30

Poster Presenter: Anna Gibby (Bath, United Kingdom)

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### A. Pain Syndromes

III-A.01 **HOW DOES SUSTAINED OPIOID EXPOSURE WORSEN CHRONIC OSTEOARTHRITIS PAIN IN FEMALES? MECHANISTIC STUDIES IN A TRANSLATIONAL RODENT MODEL** 12:30 - 12:30

Poster Presenter: Stephen Woodhams (Nottingham, United Kingdom)

III-A.03 **PAIN AND EVERYDAY CHALLENGES OF HYPERMOBILITY IN PEOPLE WITH HYPERMOBILITY SPECTRUM DISORDER (HSD) OR HYPERMOBILITY EHLERS DANLOS SYNDROME (HEDS)** 12:30 - 12:30

Poster Presenter: Susanne Lindholm (Linköping, Sweden)

III-A.04 **MENTAL HEALTH AND INTERICTAL PAIN IN EPILEPSY PATIENTS** 12:30 - 12:30

Poster Presenter: Alena Javurkova (Prague, Czech Republic)

III-A.05 **LIPHEDEMA PATIENTS SHOW STAGE-DEPENDENT ALTERATIONS IN PAIN PERCEPTION AND QUANTITATIVE SENSORY PROFILES DIFFER FROM LYMPHEDEMA PATIENTS** 12:30 - 12:30

Poster Presenter: Rebecca Dinnendahl (Cologne, Germany)

III-A.06 **COVID (CORONA VIRUS INFECTIOUS DISEASE): SHARED COAGULOPATHY WITH LVP (LIVEDOID VASCULOPATHY) - SHARED THERAPY?** 12:30 - 12:30

Poster Presenter: Ute Kock (Vienna, Austria)

III-A.07 **PLX5622 PREVENTS INFLAMMATION IN A MURINE MODEL OF CORNEAL NEUROPATHIC PAIN** 12:30 - 12:30

Poster Presenter: Jian Huang (Paris, France)

III-A.08 **ASSOCIATION OF COGNITIVE CONTROL AND FLEXIBILITY WITH SHOULDER PAIN, CENTRAL SENSITIZATION SYMPTOMS, AND PSYCHOLOGICAL FACTORS IN PATIENTS WITH CHRONIC SUBACROMIAL PAIN SYNDROME** 12:30 - 12:30

Poster Presenter: Damla Karabay (Izmir, Turkey)

- III-A.09                    **UPPER QUARTER POSTURE, AND NECK AND TRUNK MUSCLE ENDURANCE, AND THEIR ASSOCIATIONS WITH PAIN AND DISABILITY IN PATIENTS WITH UNILATERAL LATERAL EPICONDYLALGIA: A CASE-CONTROL STUDY**                    12:30 - 12:30

Poster Presenter: Damla Karabay (Izmir, Turkey)

- III-A.10                    **EFFECTS OF HIP STRENGTHENING ON SHOULDER AND HIP MUSCLE STRENGTH, SHOULDER RANGE OF MOTION AND FUNCTIONAL PERFORMANCE IN VOLLEYBALL PLAYERS: A RANDOMIZED CONTROLLED TRIAL**                    12:30 - 12:30

Poster Presenter: Damla Karabay (Izmir, Turkey)

- III-A.12                    **BODY PERCEPTION DISTURBANCES IN CHRONIC NON-CANCER PAIN: A QUALITATIVE STUDY**                    12:30 - 12:30

Poster Presenter: Marion Dagenais (Quebec City, Canada)

- III-A.13                    **WHEN PAIN FEELS 'STUCK': AN INTEGRATIVE 'STICKINESS' FRAMEWORK AND MEASURE DEVELOPMENT**                    12:30 - 12:30

Poster Presenter: Laura Carter (Bath, United Kingdom)

- III-A.14                    **COMPARISON OF SLEEP QUALITY AND MUSCULOSKELETAL PAIN IN PATIENTS WITH MAJOR DEPRESSION, GENERALIZED ANXIETY DISORDER AND IN HEALTHY ADULTS: CASE-CONTROL STUDY**                    12:30 - 12:30

Poster Presenter: Tugce Sirin Korucu (Izmir, Turkey)

- III-A.15                    **DYNAMIC INTERPLAY OF ANXIETY, DEPRESSION AND PHYSICAL EFFORT IN EXERCISE-INDUCED PAIN**                    12:30 - 12:30

Poster Presenter: Nemanja Radovanovic (Belgrade, Serbia)

- III-A.17                    **SACRAL CEMENTOPLASTY FOR RIGHT HIP PAIN: NOT ALL OSTEOPOROTIC HIP PAINS ARE FEMUR FRACTURES**                    12:30 - 12:30

Poster Presenter: Lathiga Nambiar (Singapore, Singapore)

- III-A.18                    **IMMEDIATE EFFECT OF PAIN EDUCATION COMBINED WITH CERVICAL MOBILIZATION AND EXERCISE ON PAIN PERCEPTION AND FUNCTIONS IN CHRONIC NECK PAIN - RANDOMIZED CONTROLLED PILOT STUDY**                    12:30 - 12:30

Poster Presenter: Muge Dereli (Izmir, Turkey)

- III-A.19                    **EXERCISE-INDUCED HYPOALGESIA IN BOTH LOCAL AND REMOTE BODY AREAS ARE HIGHER IN MEN WITH CHRONIC NECK PAIN THAN IN WOMEN**                    12:30 - 12:30

Poster Presenter: Giovanna Laura Neves Antonio Gaban (São Carlos, Brazil)

- III-A.20                    **SYMPTOM PROFILE IN PATIENTS WITH WHIPLASH-ASSOCIATED DISORDER**                    12:30 - 12:30

Poster Presenter: Niklas Särkilahti (Turku, Finland)

- III-A.21                    **EXERCISE DURATION, MUSCLE PAIN INTENSITY, AND TYPE OF EXERCISE DID NOT PREDICT EXERCISE-INDUCED HYPOALGESIA IN INDIVIDUALS WITH CHRONIC NECK PAIN**                    12:30 - 12:30

Poster Presenter: Giovanna Laura Neves Antonio Gaban (São Carlos, Brazil)

- III-A.22                    **INVESTIGATION OF RESPIRATORY FUNCTION, RESPIRATORY MUSCLE STRENGTH, ENDURANCE AND POSTURAL CONTROL IN INDIVIDUALS WITH NON-SPECIFIC CHRONIC NECK PAIN AND DIFFERENT SEVERITY OF DISABILITIES**                    12:30 - 12:30

Poster Presenter: Beyza Tanrıoğen (Istanbul, Turkey)

- III-A.23                    **NECK PAIN AND PSYCHOLOGICAL DISTRESS IN ITALIAN UNIVERSITY STUDENTS: A CROSS-SECTIONAL STUDY**                    12:30 - 12:30

Poster Presenter: Matteo Cioeta (Campobasso, Italy)

- III-A.26                    **EXPLORING THE CONNECTION BETWEEN CHRONIC PAIN AND**                    12:30 - 12:30

### **MENTAL HEALTH IN CANADIAN VETERANS: A NARRATIVE INQUIRY**

*Poster Presenter:* Umair Majid (Toronto, Canada)

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| III-A.27 | <b>EXPERIMENTAL COLD PAIN SENSITIVITY IN PATIENTS RECEIVING PHARMACOTHERAPY FOR OPIOID USE DISORDER WITH OPIOID AGONISTS AND OPIOID ANTAGONISTS: A CROSS-SECTIONAL STUDY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Martin Trøstheim (Oslo, Norway)

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| III-A.28 | <b>THE 'CUPID' COHORT STUDY: SOCIAL AND CULTURAL IMPACT OF PAIN, DISABILITY, AND QUALITY OF LIFE IN 1,350 DUTCH PRIMARY CARE PATIENTS WITH NON-SPECIFIC MUSCULOSKELETAL PAIN</b> | 12:30 - 12:30 |
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*Oral Abstract Presenter:* Renske Annevelink (Rotterdam, Netherlands)

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| III-A.29 | <b>CENTRAL SENSITIZATION, PAIN CATASTROPHIZING, PSYCHOLOGICAL STATE, SLEEP QUALITY AND MUSCLE STIFFNESS IN WOMEN WITH PRIMARY DYSMENORRHEA: A CASE-CONTROL STUDY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Nida Lalecan (Ankara, Turkey)

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| III-A.31 | <b>DYSpareunia: A MECHANISM-BASED CLINICAL APPROACH TO DIAGNOSIS AND TREATMENT</b> | 12:30 - 12:30 |
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*Poster Presenter:* Tali Sahar (Montréal, Canada)

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| III-A.32 | <b>THE CORELATION BETWEEN ANXIOUS SENSITIVITY WITH EMOTIONAL AND COGNITIVE ASPECTS OF PAIN EXPERIENCE AND PAIN INTENSITY IN PATIENTS WITH CHRONIC PELVIC PAIN SYNDROME</b> | 12:30 - 12:30 |
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*Poster Presenter:* Tihana Böhm (Zagreb, Croatia)

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| III-A.33 | <b>EXPLORING THE INTERPLAY BETWEEN CATASTROPHIZING AND ENDOMETRIOSIS PAIN THROUGH TWO-WAVE AND INTENSIVE LONGITUDINAL DATA</b> | 12:30 - 12:30 |
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*Poster Presenter:* Marcelo de França Moreira (Rio de Janeiro, Brazil)

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| III-A.34 | <b>PSYCHOLOGICAL PROFILES IN PATIENTS WITH PAINFUL ENDOMETRIOSIS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Saara Pasternack (Helsinki, Finland)

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| III-A.35 | <b>RELATION OF CHANGES IN LATENCY IN MEDIAN NERVE CONDUCTION AND FUNCTIONAL OUTCOME IN CARPAL TUNNEL SYNDROME TREATED WITH LOCAL STEROID INJECTION</b> | 12:30 - 12:30 |
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| III-A.36 | <b>ACUTE CARPAL TUNNEL SYNDROME CAUSED BY A THROMBOSIS OF A PERSISTENT MEDIAN ARTERY: A CASE REPORT</b> | 12:30 - 12:30 |
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*Poster Presenter:* Hakim Bourra (Paris, France)

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| III-A.37 | <b>MULTIDISCIPLINARY MANAGEMENT OF POSTHERPETIC NEURALGIA OF THE TRIGEMINAL NERVE, OPHTHALMIC BRANCH: A CASE REPORT</b> | 12:30 - 12:30 |
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*Poster Presenter:* Iray Desiree Corro Castro (Palma, Spain)

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| III-A.39 | <b>PERIPHERAL NEUROPATHY ASSOCIATED WITH METRONIDAZOLE THERAPY: A CASE REPORT</b> | 12:30 - 12:30 |
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*Poster Presenter:* Sofia Pouloupoulou (Athens, Greece)

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| III-A.40 | <b>WHAT DO PATIENTS WITH SPINE-RELATED LEG PAIN (A.K.A. SCIATICA) SEARCH ONLINE? WHAT ANSWERS DO THEY GET FROM DR. GOOGLE? AN ANALYSIS OF ITALIAN WEB-BASED DATA</b> | 12:30 - 12:30 |
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*Poster Presenter:* Matteo Cioeta (Campobasso, Italy)

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| III-A.41 | <b>INVOLVEMENT OF MEMBRANE REMODELING IN BORTEZOMIB-INDUCED PERIPHERAL NEUROPATHY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Océane Parente Teixeira (Clermont-Ferrand, France)



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| III-A.42  | <b>CHARACTERISTICS OF NEUROPATHIC PAIN IN PATIENTS WITH DIABETIC PERIPHERAL NEUROPATHY</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Zoran Vukojevic (Banja Luka, Bosnia and Herzegovina) |   |               |
| III-A.43  | <b>FGFR3 AUTOANTIBODIES INDUCE SENSORY NEURON HYPEREXCITABILITY AND PAIN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Lyuba Salih (Saint Louis, United States)             |   |               |
| III-A.44  | <b>AOEN OF RELIEF: CRMP5 GENETIC MANIPULTION REDUCES PAIN SENSITIVITY</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Clemence Giere (Saint Louis, United States)          |   |               |
| III-A.45  | <b>THE DYNAMIC BALLET OF NAV1.8 TRAFFICKING IN CHRONIC PAIN</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Nicolas Dumaire (Saint Louis, United States)         |   |               |
| III-A.47  | <b>INVASIVE TREATMENT OF POSTAMPUTATION PAIN</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Nadiya Segin (Ivano-Frankivsk, Ukraine)              |   |               |
| III-A.49  | <b>MODULATION OF IMMUNE RESPONSE AND GLIAL ACTIVATION BY THE OLIGODEOXYNUCLEOTIDE IMT504 IN A MODEL OF COLITIS</b>                          | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Anais Chambon (Clermont-Ferrand, France)             |   |               |
| III-A.50  | <b>IMPACT OF A GASTROINTESTINAL INFECTION WITH ENTEROBACTERIACEAE ON THE "WELL-BEING" OF THE HOST: INVOLVEMENT OF TRYPTOPHAN METABOLISM</b> | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Nathalie Verduijn (Clermont-Ferrand, France)         |   |               |
| III-A.51  | <b>MATRIX METALLOPROTEINASES DIFFERENTIALLY MODULATE SENSORY NEURONS VIA PAR1</b>   | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Giulia Galimberti (Milan, Italy)                     |   |               |
| III-A.52  | <b>EXPLORING PAIN AND OPIOID MISUSE AMONG PATIENTS WITH SICKLE CELL ANEMIA: ASSOCIATIONS WITH HEALTH LITERACY AND PAIN CATASTROPHIZING</b>  | 12:30 - 12:30 |
| <i>Poster Presenter:</i> Hanan Abdelrahman (Boston, United States)            |   |               |
| III-A.53  | <b>CHRONIC PAIN IN A PATIENT WITH GULF WAR SYNDROME: A CASE REPORT</b>  | 12:30 - 12:30 |

*Industry Sessions and Workshops*  
12:45 - 13:45

Forum 2 (Level Forum)

#### **Industry Sponsored Session**

*Guided Poster Walk*  
12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### **B1. Social Aspects Of Chronic Pain**

*Moderator:* Ann Meulders (Maastricht, Netherlands)

*Moderator:* Siri Leknes (Oslo, Norway)

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| III-B1.W.01   | <b>FROM BREAST CANCER DIAGNOSIS TO SURVIVORSHIP: ANALYZING PERIOPERATIVE BIOPSYCHOSOCIAL PHENOTYPES AND THEIR RELATIONSHIP TO PAIN ON LONG TERM</b> | 12:45 - 12:51 |
| <i>Poster Presenter:</i> Amber De Groote (Wilrijk, Belgium) |   |               |
| III-B1.W.02   | <b>THE ASSOCIATION OF ATTENTION BIAS AND TASK DEMANDS WITH EXPERIMENTAL PAIN SENSITIVITY AND AUTONOMIC RECOVERY</b>                                 | 12:51 - 12:57 |
| <i>Poster Presenter:</i> Einav Gozansky (Haifa, Israel)     |   |               |
| III-B1.W.03   | <b>SOCIAL PREDICTIONS IN CHRONIC PAIN</b>   | 12:57 - 13:03 |
| <i>Poster Presenter:</i> Juan V. Luciano (Barcelona, Spain) |   |               |

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| III-B1.W.04  | <b>EARLY-LIFE ADVERSITY PREDICTING THE INCIDENCE OF MULTISITE CHRONIC PAIN IN THE GENERAL POPULATION</b>                                       | 13:03 - 13:09 |
| <i>Poster Presenter:</i> Isabelle Rouch (Saint-Etienne and Bordeaux, France) |  |               |
| III-B1.W.05  | <b>DEVELOPMENT OF A SEMANTIC DATABASE FOR BUILDING PSYCHOSOCIAL MODELS OF CHRONIC PAIN</b>   | 13:09 - 13:15 |
| <i>Poster Presenter:</i> Amanda Lillywhite (Bath, United Kingdom)            |  |               |
| III-B1.W.06  | <b>PSYCHOLOGICAL CORRELATES OF PAINKILLER MISUSE</b>   | 13:15 - 13:21 |
| <i>Poster Presenter:</i> Petra Examilioti (Sheffield, United Kingdom)        |  |               |
| III-B1.W.07  | <b>COMPARING AND DISTINGUISHING PLACEBO HYPOALGESIA AND NOCEBO HYPERALGESIA INDUCED BY OBSERVATIONAL LEARNING</b>                              | 13:21 - 13:27 |
| <i>Poster Presenter:</i> Amelia Jankowska (Kraków, Poland)                   |  |               |
| III-B1.W.08  | <b>SOCIAL INFLUENCES IN THE EXPERIENCE OF TRANSITION TO OR FROM LONG-TERM (CHRONIC) PAIN: A META-SYNTHESIS OF QUALITATIVE RESEARCH STUDIES</b> | 13:27 - 13:33 |
| <i>Poster Presenter:</i> Samantha Stone (Bristol, United Kingdom)            |  |               |
| III-B1.W.09  | <b>BORDERS THAT HURT: THE GLOBAL SPREAD OF ANTI-IMMIGRATION ATTITUDES LINKED TO THE EPIDEMIC OF CHRONIC PAIN IN ADOLESCENCE</b>                | 13:33 - 13:39 |
| <i>Poster Presenter:</i> Josep Roman-Juan (Calgary, Canada)                  |  |               |
| III-B1.W.10  | <b>HOW DO PSYCHOSOCIAL ASPECTS OF EVERYDAY LIFE INFLUENCE CHRONIC PAIN TRANSITIONS?</b>  | 13:39 - 13:45 |
| <i>Poster Presenter:</i> Samantha Stone (Bristol, United Kingdom)            |  |               |

*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**D1. Novel Pharmacological Targets For Chronic Pain***Moderator:* Niels Eijkelkamp (Utrecht, Netherlands)*Moderator:* Aziz Moqrich (Marseille, France)*Moderator:* Cyril Rivat (Montpellier, France)

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| III-D1.W.01  | <b>PROKINETICIN SYSTEM BLOCK AND MICROGLIA INHIBITION CONTROL PAIN AND NEUROINFLAMMATION IN A MODEL OF FABRY DISEASE</b>  | 12:45 - 12:45 |
| <i>Poster Presenter:</i> Giulia Galimberti (Milan, Italy)  |   |               |
| III-D1.W.02  | <b>PRECLINICAL DEVELOPMENT OF SST4-TARGETED ANALGESICS</b>  | 12:45 - 12:45 |
| <i>Poster Presenter:</i> Valéria Tékus (Pécs, Hungary)     |   |               |
| III-D1.W.03  | <b>COMPOUND A, A NOVEL DUAL MU AND KAPPA OPIOID RECEPTOR AGONIST, DEMONSTRATES A POTENT ANALGESIC EFFECTS COMPARABLE TO OXYCODONE WITHOUT REINFORCING EFFECT IN MONKEYS</b>       | 12:45 - 12:45 |
| <i>Poster Presenter:</i> Kana Yasufuku (Osaka, Japan)      |   |               |
| III-D1.W.04  | <b>SAFETY, PHARMACOKINETIC AND PHARMACODYNAMIC EFFECTS OF ODM-111, A SELECTIVE NAV1.8 INHIBITOR: A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL IN HEALTHY PARTICIPANTS</b> | 12:45 - 12:45 |
| <i>Poster Presenter:</i> Valtteri Aho (Espoo, Finland)     |   |               |
| III-D1.W.05  | <b>SIGMA-1 RECEPTOR INHIBITION REDUCES RHEUMATOID ARTHRITIS PAIN</b>  | 12:45 - 12:45 |
| <i>Poster Presenter:</i> Miguel Á. Huerta (Granada, Spain) |   |               |
| III-D1.W.06  | <b>DOLONERSEN, A NOVEL THERAPEUTIC APPROACH BASED ON THE USE OF AN ANTISENSE OLIGONUCLEOTIDE TO RELIEVE PAIN SYMPTOMS OF CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY</b>           | 12:45 - 12:45 |

*Poster Presenter:* Dounia Maskini (Montpellier, France)

III-D1.W.07      **DEVELOPMENT OF NEW PRRPR ANTAGONISTS FOR THE TREATMENT OF CHRONIC PAIN**      12:45 - 12:45

*Poster Presenter:* Océane Boyer (Strasbourg, France)

III-D1.W.08      **SON OF SEVENLESS 1 (SOS1) IN THE NERVE GROWTH FACTOR PATHWAY; A NOVEL PAIN TARGET FOR SMALL MOLECULE INHIBITORS**      12:45 - 12:45

*Poster Presenter:* Neil Benson (Canterbury, United Kingdom)

III-D1.W.09      **CONTRIBUTION OF THIK POTASSIUM CHANNELS TO NOCICEPTION**      12:45 - 12:45

*Poster Presenter:* Nicolas Gilbert (Nice, France)

III-D1.W.10      **TARGETING MU-DELTA OPIOID HETEROMERS IN NEUROPATHIC CONDITION**      12:45 - 12:45

*Poster Presenter:* Dominique Massotte (Strasbourg, France)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

### **III. Guided Poster Walks**

*Guided Poster Walk*

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

#### **A2. Chronic Pain in the Aging Population**

*Moderator:* Muriel Curtet (Lyon, France)

*Moderator:* Carsten Dahl Mørch (Aalborg, Denmark)

*Moderator:* André Mouraux (Louvain-la-Neuve, Belgium)

III-A2.W.01      **REDUCED INFLAMMATION-INDUCED VISCERAL SENSITIVITY IN AGED MICE IS ASSOCIATED WITH HIGH POTENCY OF T CELLS TO PRODUCE ENKEPHALINS**      12:45 - 12:51

*Poster Presenter:* Léa Rey (Toulouse, France)

III-A2.W.04      **REFINING PAIN MANAGEMENT IN ALZHEIMER'S DISEASE: SPINAL MECHANISMS OF PAIN PROCESSING AND THE IMPORTANCE OF ADAPTIVE DRUG PRESCRIBING**      12:51 - 12:57

*Poster Presenter:* Emma Louis (Tucson, United States)

III-A2.W.05      **CHRONIC PAIN AND POST-TRAUMATIC STRESS IN OLDER PATIENTS WITH PSYCHIATRIC DISORDERS DURING THE COVID-19 PANDEMIC: CO-OCCURRENCE AND INFLUENCE OF ATTACHMENT AND PERSONALITY FACTORS**      12:57 - 13:03

*Poster Presenter:* Hélène Saint-Martin (Bron, France)

III-A2.W.06      **URBAN GREEN SPACES AND SUNLIGHT: GEOGRAPHIC ANALYSIS OF POTENTIAL REMEDIES FOR CHRONIC WIDESPREAD PAIN IN OLDER ADULTS**      13:03 - 13:09

*Poster Presenter:* Keiko Yamada (Tokyo, Japan)

III-A2.W.07      **THE HIDDEN CRISIS: CHRONIC PAIN AND ITS ASSOCIATION WITH FAMILY AND OLDER ADULTS ABUSE**      13:09 - 13:15

*Poster Presenter:* Naoki Mizunuma (Tokyo, Japan)

III-A2.W.08      **QUANTIFYING THE BURDEN OF CHRONIC PAIN IN A LARGE COHORT OF MIDDLE-TO-OLDER ADULTS IN THE UK: HEALTH UTILITIES, ANNUAL QALY LOSSES, AND POPULATION ATTRIBUTABLE FRACTIONS**      13:15 - 13:21

*Poster Presenter:* Nigel Armfield (Brisbane, Australia)

III-A2.W.09      **RELATIONSHIP BETWEEN PAIN SEVERITY AND COGNITIVE STATUS, PERIPHERAL MUSCLE STRENGTH, FALL RISK AND PROPRIOCEPTION IN THE ELDERLY**      13:21 - 13:27

Poster Presenter: Tugba Dere (Yozgat, Turkey)

III-A2.W.10      **DEVELOPING QUALITY INDICATORS FOR THE PHARMACOLOGICAL MANAGEMENT OF CHRONIC NON-CANCER PAIN IN OLDER PATIENTS: A RAND/UCLA DELPHI STUDY**      13:27 - 13:33

Poster Presenter: Aljoscha Goetschi (Bern, Switzerland)

Guided Poster Walk

12:45 - 13:45

Forum 4&5: Exhibition & Poster Area (Level Forum)

**A1. Neurobiological Interplay Between Emotions And Chronic Pain, With A Focus On Sexual Dimorphism**

Moderator: Esther Berrocoso (Cadiz, Spain)

Moderator: David Finn (Galway, Ireland)

III-A1.W.01      **DECODING CHRONIC PAIN-INDUCED DEPRESSION CIRCUITRY**      12:45 - 12:51

Poster Presenter: Khaled Abdallah (Strasbourg, France)

III-A1.W.02      **MAPPING PAIN PERCEPTION PATHWAYS: SINGLE-NEURON CALCIUM TRACKING HIGHLIGHTS ANTERIOR PARAVENTRICULAR NUCLEUS' DUAL INFLUENCE ON SENSORY AND AFFECTIVE PAIN**      12:51 - 12:57

Poster Presenter: Wei-Hsin Chen (Taiwan, China)

III-A1.W.03      **INFLUENCE OF ESTROUS CYCLE AND HORMONES 17B-ESTRADIOL AND PROGESTERONE ON NEUROPATHIC PAIN**      12:57 - 13:03

Poster Presenter: Natasha Farias Marques (São Paulo, Brazil)

III-A1.W.04      **MOLECULAR AND CELLULAR ALTERATIONS IN THE DORSAL RAPHE NUCLEUS IN THE COMORBIDITY OF CHRONIC PAIN AND MOOD DISORDERS**      13:03 - 13:09

Poster Presenter: Enora Langlois (Strasbourg, France)

III-A1.W.05      **CHRONIC JOINT PAIN AND EMOTIONAL COMORBIDITIES - TARGETING THE STRESS-REGULATOR FKBP51 TO COMBAT IT ALL**      13:09 - 13:15

Poster Presenter: Sara Hestehave (Copenhagen N, Denmark)

III-A1.W.06      **INVOLVEMENT OF THE TAIL OF THE VENTRAL TEGMENTAL AREA (TVTA) IN THE PROCESSING OF NOCICEPTIVE INFORMATION**      13:15 - 13:21

Poster Presenter: Margot Villechalane (Strasbourg, France)

III-A1.W.07      **ANALGESIC EFFICACY OF CONDITIONED PAIN MODULATION, HYPNOSIS AND PLACEBO - DO MEN AND WOMEN RESPOND DIFFERENTLY?**      13:21 - 13:27

Poster Presenter: Marie-Philippe Harvey (Sherbrooke, Canada)

III-A1.W.08      **ANALYSIS OF THE VAL158MET POLYMORPHISM (COMT GENE) IN FIBROMYALGIA PATIENTS SUGGESTS IMPLICATIONS FOR DOPAMINE SYSTEM ALTERATIONS**      13:27 - 13:33

Poster Presenter: Rocco Giordano (Aalborg, Denmark)

III-A1.W.09      **EFFECTS OF OXYTOCIN IN PAIN AND ANXIETY RESPONSES IN MALE AND FEMALE MICE SUBJECTED TO THE HYPERALGESIC PRIMING MODEL**      13:33 - 13:39

Poster Presenter: Natália Urel-Carneiro (School of Pharmaceutical Sciences, São Paulo State University - UNESP, Brazil)

III-A1.W.10      **CO-OCCURRING CHRONIC PAIN CONDITIONS IN PATIENTS WITH MENTAL DISORDERS**      13:39 - 13:45

Poster Presenter: Ina Løvås (Trondheim, Norway)

*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**D2. Physical Activity and Chronic Pain***Moderator:* Natasha S. Hinwood (Dublin, Ireland)*Moderator:* Huan-Ji Dong (Linköping, Sweden)

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| III-D2.W.01 | <b>THE EFFECTS OF EXERCISE ON HEART RATE VARIABILITY IN PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN: A SYSTEMATIC REVIEW</b> | 12:45 - 12:51 |
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*Poster Presenter:* Timo Meus (Hasselt, Belgium)

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| III-D2.W.02 | <b>THE EFFECTS OF EXERCISE THERAPY ON RETURN TO WORK IN CHRONIC NON-SPECIFIC LOW BACK PAIN: A SYSTEMATIC REVIEW</b> | 12:51 - 12:57 |
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*Poster Presenter:* Julie Sylvie van Eetvelde (Wilrijk, Belgium)

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| III-D2.W.03 | <b>SHORT-TERM HYPOALGESIA FOLLOWED BY HYPERALGESIA AFTER AEROBIC PHYSICAL EXERCISE IN HEALTHY INDIVIDUALS</b> | 12:57 - 13:03 |
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*Poster Presenter:* Florian Chouchou (Saint Denis, France)

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| III-D2.W.04 | <b>LONG-TERM EFFECTS OF SPINAL CORD STIMULATION COMBINED WITH PHYSIOTHERAPIST-LED EXERCISE AND PHYSICAL ACTIVITY ON PRESCRIPTION FOR CHRONIC NEUROPATHIC PAIN</b> | 13:03 - 13:09 |
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*Poster Presenter:* Raquel Gottfridsson (Gothenburg, Sweden)

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| III-D2.W.05 | <b>THE EFFECTIVENESS OF A NON-SUPERVISED HOME-BASED EXERCISE TRAINING, IN THE MANAGEMENT OF CHRONIC LOW BACK PAIN PATIENTS</b> | 13:09 - 13:15 |
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*Poster Presenter:* Kyriakos - Martinos Petropoulakos (Lamia, Greece)

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| III-D2.W.06 | <b>A FEASIBILITY STUDY OF INTEGRATING NEURAL MOBILIZATION TECHNIQUES INTO A PHYSICAL EXERCISE PROGRAM FOR OLDER ADULTS WITH CHRONIC MUSCULOSKELETAL PAIN</b> | 13:15 - 13:21 |
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*Poster Presenter:* Frederico Baptista (Aveiro, Portugal)

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| III-D2.W.07 | <b>CHANGES IN THE CCR2, CCR5, AND THEIR LIGANDS LEVELS IN MICE MODEL OF OBESITY-INDUCED HYPERSENSITIVITY</b> | 13:21 - 13:27 |
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*Poster Presenter:* Aleksandra Bober (Kraków, Poland)

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| III-D2.W.08 | <b>RELIABILITY OF EXERCISE-INDUCED HYPOALGESIA IN HEALTHY YOUNG MALES</b> | 13:27 - 13:33 |
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*Poster Presenter:* Vladmir Aron (Brussels, Belgium)

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| III-D2.W.09 | <b>INTEGRATING EXERCISE THERAPY INTO DAILY LIFE: EXPERIENCES OF THERAPISTS AND PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN - A QUALITATIVE STUDY</b> | 13:33 - 13:39 |
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*Poster Presenter:* Ingrid van Duijvenbode (Amsterdam, Netherlands)

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| III-D2.W.10 | <b>THE BENEFITS OF APNOE DIVING TECHNIQUES FOR PATIENTS WITH CHRONIC BACK PAIN AND EXHAUSTION DISORDERS</b> | 13:39 - 13:45 |
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*Poster Presenter:* Marie Ottilie Frenkel (Freiburg i. Breisgau, Germany)*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**B2. Molecular Mechanisms Of Pain***Moderator:* Vanessa Olzon Zambelli (Sao Paulo, Brazil)*Moderator:* Eric R. Gross (Stanford, United States)

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| III-B2.W.01 | <b>ROLE OF SLC7A11 IN CHRONIC PAIN AFTER PARTIAL SCIATIC NERVE LIGATION</b> | 12:45 - 12:51 |
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*Poster Presenter:* Pauline Beckers (Bruxelles, Belgium)

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| III-B2.W.02 | <b>LIPID RAFT DISRUPTION INHIBITS THE ACTIVATION OF TRANSIENT RECEPTOR POTENTIAL VANILLOID1, BUT NOT TRP MELASTATIN 3 AND THE VOLTAGE-GATED L-TYPE CALCIUM</b> | 12:51 - 12:57 |
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**CHANNELS IN SENSORY NEURONS***Poster Presenter:* Éva Szőke (Pécs, Hungary)III-B2.W.03      **HUMAN COLD PAIN**      12:57 - 13:03*Poster Presenter:* Michael Fischer (Vienna, Austria)III-B2.W.04      **A HUMAN SKIN BACTERIAL INFLAMMATION MODEL**      13:03 - 13:09*Poster Presenter:* Felix J. Resch (Vienna, Austria)III-B2.W.05      **MODULATION OF G PROTEIN-COUPLED ESTROGEN RECEPTOR (GPER) AS A THERAPEUTIC STRATEGY FOR OSTEOARTHRITIS PAIN MANAGEMENT**      13:09 - 13:15*Poster Presenter:* Pauline Gousseau (Clermont-Ferrand, France)III-B2.W.06      **SOLUBLE EPOXIDE HYDROLASE INHIBITION POTENTIATES THE ANALGESIC EFFECT OF SIGMA-1 ANTAGONISM IN RHEUMATOID ARTHRITIS PAIN**      13:15 - 13:21*Poster Presenter:* Miguel Á. Huerta (Granada, Spain)III-B2.W.07      **THE EFFECT OF A COMBINED CAPSAICIN-DICLOFENAC-CONTAINING TRANSDERMAL THERAPEUTIC SYSTEM (TTS) IN A RAT MODEL OF ACUTE POSTOPERATIVE AND ACUTE INFLAMMATORY PAIN**      13:21 - 13:27*Poster Presenter:* Kitti Göntér (Pécs, Hungary)III-B2.W.08      **NERVE INJURY-INDUCED ALTERATIONS OF GANGLIOSIDE LEVELS IN RAT PERIPHERAL NERVES ASSESSED BY HPLC-HRMS**      13:27 - 13:33*Poster Presenter:* Bettina Gyányi (Szeged, Hungary)III-B2.W.09      **SIGMA-1 ANTAGONISM AND SOLUBLE EPOXIDE HYDROLASE INHIBITION ACT SYNERGISTICALLY TO INHIBIT TACTILE ALLODYNIA INDUCED BY CAPSAICIN AND BY A SURGICAL INCISION**      13:33 - 13:39*Poster Presenter:* Miguel Á. Huerta (Granada, Spain)III-B2.W.10      **INVOLVEMENT OF THE SYSTEM  $X_C^-$  IN THE CONTEXT OF CHRONIC INFLAMMATORY PAIN**      13:39 - 13:45*Poster Presenter:* Mathilde Charlier (Bruxelles, Belgium)*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**C2. Patient-Reported Outcomes***Moderator:* Tonya Palermo (Seattle, United States)*Moderator:* Kate Nicholson (Boulder, United States)III-C2.W.01      **THE LEVEL OF AGREEMENT BETWEEN THE NUMERICAL RATING SCALE AND VISUAL ANALOGUE SCALE FOR ASSESSING PAIN INTENSITY IN ADULTS WITH CHRONIC PAIN**      12:45 - 12:51*Poster Presenter:* Lisa Goudman (Brussels, Belgium)III-C2.W.02      **USING MACHINE LEARNING TO EXPLORE HOW THE OUTCOMES OF PEOPLE WITH CHRONIC PAIN DIFFER FOLLOWING A PAIN MANAGEMENT PROGRAMME**      12:51 - 12:57*Poster Presenter:* Emma Harrold (Cambridge, United Kingdom)III-C2.W.03      **APPLICATION OF THE IASP GRADING SYSTEM FOR NOCIPLASTIC PAIN IN BREAST CANCER SURVIVORS WITH PERSISTENT PAIN: A CROSS-SECTIONAL STUDY**      12:57 - 13:03*Poster Presenter:* An De Groef (Antwerp, Belgium)III-C2.W.04      **THE ROLE OF BIOPSYCHOSOCIAL FACTORS IN CLASSIFYING CHRONIC PAIN INTENSITY ACROSS VARIOUS CHRONIC PAIN CONDITIONS**      13:03 - 13:09*Poster Presenter:* Iara De Schoenmacker (Zurich, Switzerland)

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| III-C2.W.05  | <b>HOW TO ICD-11? THE INITIATION OF A NOVEL CODING TOOL IN A TERTIARY CARE PROVIDER</b>  | 13:09 - 13:15 |
| <i>Poster Presenter:</i> Christine Pietsch (St. Gallen, Switzerland)           |  |               |
| III-C2.W.06  | <b>EVALUATING THE OUTCOMES OF INVASIVE LUMBAR TREATMENTS IN A NEWLY ESTABLISHED PAIN MANAGEMENT UNIT</b>   | 13:15 - 13:15 |
| <i>Poster Presenter:</i> Anna Boada-Pladellorens (Escaldes-Engordany, Andorra) |  |               |
| III-C2.W.07  | <b>WHAT DOES REGISTRY DATA TELL US ABOUT MANAGEMENT OF PERIOPERATIVE PAIN IN PERSONS UNDERGOING SURGERY FOR AMPUTATION? DATA FROM PAIN OUT</b>                     | 13:15 - 13:15 |
| <i>Poster Presenter:</i> Ruth Zaslansky (Jena, Germany)                        |  |               |
| III-C2.W.08  | <b>COMBINING THE IASP AND ICD-11 PAIN TAXONOMY: WHAT CAN WE GAIN?</b>  | 13:15 - 13:21 |
| <i>Poster Presenter:</i> Mauricio Polanco-García (Barcelona, Spain)            |  |               |
| III-C2.W.09  | <b>OUTCOME DOMAINS FOR CHRONIC MUSCULOSKELETAL PAIN THAT MATTER TO PATIENTS, INFORMAL CAREGIVERS, AND HEALTHCARE PROFESSIONALS: AN INTERNATIONAL ONLINE SURVEY</b> | 13:21 - 13:27 |
| <i>Poster Presenter:</i> Chris Djurtoft (Aalborg, Denmark)                     |  |               |
| III-C2.W.10  | <b>PHENOTYPING OF PERSISTENT POST-SURGICAL PAIN AT 1 YEAR IN BREAST CANCER SURVIVORS: CLINICAL APPLICATION OF PAIN PHENOTYPING ACROSS DISEASE STUDY</b>            | 13:27 - 13:33 |
| <i>Poster Presenter:</i> Masahiro Manfuku (Kishiwada, Japan)                   |  |               |

*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; Poster Area (Level Forum)

**C1. Peripheral And Central Sensitization***Moderator:* Rich Harrison (Reading, United Kingdom)*Moderator:* Maite van der Miesen (Maastricht, Netherlands)

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| III-C1.W.01  | <b>MANIFESTATION OF CENTRAL SENSITIZATION IN HIGHLY TRAINED ATHLETES</b>  | 12:45 - 12:51 |
| <i>Poster Presenter:</i> Vladmir Aron (Brussels, Belgium)                    |   |               |
| III-C1.W.02  | <b>MODULATING SPINAL ACTIVITY WITH HYPNOSIS: CAN HYPNOTIC HYPOESTHESIA MODULATE EARLY SOMATOSENSORY EVOKED POTENTIALS?</b>  | 12:51 - 12:57 |
| <i>Poster Presenter:</i> Gabrielle Herbillon (Woluwe-Saint-Lambert, Belgium) |   |               |
| III-C1.W.03  | <b>DIFFERENCE IN SENSITIZATION MECHANISM ACROSS LOW-FREQUENCY EPISODIC, HIGH-FREQUENCY EPISODIC, AND CHRONIC MIGRAINE</b>   | 12:57 - 13:03 |
| <i>Poster Presenter:</i> Matteo Castaldo (Parma, Italy)                      |   |               |
| III-C1.W.04  | <b>CHARACTERIZATION OF SECONDARY HYPERALGESIA IN CUTANEUS AFFERENTS IN OSTEOARTHRITIS MOUSE MODEL</b>   | 13:03 - 13:09 |
| <i>Poster Presenter:</i> Nadja Zeitzschel (Hamburg, Germany)                 |   |               |
| III-C1.W.05  | <b>PLASTICITY OF THE RACC DIFFERS BETWEEN MECHANICAL AND THERMAL NEUROPATHIC PAIN IN MICE</b>   | 13:09 - 13:15 |
| <i>Poster Presenter:</i> Anais Legrand (Clermont Ferrand, France)            |   |               |
| III-C1.W.06  | <b>A POTENTIAL OBJECTIVE SIGN OF CENTRAL SENSITIZATION: REFERRED PAIN ELICITED BY MUSCLE EXPLORATION IS COINCIDENT WITH PATHOLOGICAL AUTONOMIC RESPONSE PROVOKED BY NOXIOUS STIMULATION</b> | 13:15 - 13:21 |
| <i>Poster Presenter:</i> Elzbieta Skorupska (Poznań, Poland)                 |   |               |
| III-C1.W.07  | <b>SPINAL AND SUPRASPINAL COMPONENTS OF CENTRAL SENSITIZATION: DOES YOUR BRAIN DIFFERENTIATE?</b>   | 13:21 - 13:27 |

Poster Presenter: Madeleine Hau (Zurich, Switzerland)

III-C1.W.08      **THE EFFECT OF HIGH-FREQUENCY STIMULATION ON C-FIBER RESPONSES ELICITED BY SUSTAINED PERIODIC THERMONOCICEPTIVE STIMULATION**      13:27 - 13:33

Poster Presenter: Daniela M. Zolezzi (Aalborg, Denmark)

III-C1.W.09      **UNDERSTANDING THE ROLE OF CENTRAL AND PERIPHERAL SENSITIZATION IN THE PERSISTENCE OF CHRONIC PELVIC PAIN IN ENDOMETRIOSIS**      13:33 - 13:39

Poster Presenter: Samruddhi Deshpande (Manipal, India)

III-C1.W.10      **PROPRIOCEPTORS INVOLVEMENT IN DEEP SOMATIC PAIN IN FIBROMYALGIA SYNDROME**      13:39 - 13:45

Poster Presenter: Andrew Marshall (Liverpool, United Kingdom)

#### Industry Sessions and Workshops

12:45 - 13:45

Saint Claire 1 (Level Saint Claire)

#### Industry Sponsored Session

#### Topical Workshops

14:00 - 15:30

Auditorium Lumière (Level Lumière)

#### **Bridging Mindsets and Biology: Innovative Approaches to Stress-Pain Interactions across the Lifespan**

Chair: Inge Timmers (Tilburg, Netherlands)

**Exploring The Role Of Stress Mindsets In Modulating Pain Sensitivity And Stress-Pain Interactions**      14:00 - 14:20

Speaker: Inge Timmers (Tilburg, Netherlands)

**Untangling The Complex Mechanisms Of Chronic Pain Across The Lifespan: An Interdisciplinary Approach Using Brain, Stress, And Biobehavioral Markers**      14:20 - 14:40

Speaker: Christine Sieberg (Boston, United States)

**The Role Of Oxytocin In Modulating Pain And Its Interaction With Stress In The Context Of Musculoskeletal Pain**      14:40 - 15:00

Speaker: Matthijs Moerkerke (Ghent, Belgium)

**Empowering Youth: Adapting Mindsets And Stress Responses To Improve Pain Outcomes**      15:00 - 15:20

Speaker: Laura Simons (Stanford, United States)

**Joint discussion**      15:20 - 15:30

#### Topical Workshops

14:00 - 15:30

Forum 1 (Level Forum)

#### **Integrating Technology-Based Therapies for Chronic Pain**

Chair: Ben Seymour (Oxford, United Kingdom)

**How can we design integrated pain neurotechnologies: theory, innovation and design.**      14:00 - 14:25

Speaker: Ben Seymour (Oxford, United Kingdom)

**Combined neurostimulation and virtual reality for pain**      14:25 - 14:50

Speaker: Sophie Clarke (Exeter, United Kingdom)

**Diagnostic and Prognostic EEG Markers of Central Neuropathic Pain: a Foundation for Technology-Based Therapies**      14:50 - 15:15

Speaker: Aleksandra Vuckovic (Glasgow, United Kingdom)

**Joint discussion**      15:15 - 15:30



*Topical Workshops*

14:00 - 15:30

Forum 2 (Level Forum)

**The Interruptive Function of Pain and Its Cognitive Modulation, An Update of Fundamental and Clinical Research***Chair:* Valéry Legrain (Brussels, Belgium)

**Mechanisms and modulators of the interruptive function in health and disease** 14:00 - 14:25

*Speaker:* Katarina Forkmann (Essen, Germany)

**Controlling pain and its sensitization through cognitive load** 14:25 - 14:50

*Speaker:* Valéry Legrain (Brussels, Belgium)

**Understanding dynamics of pain-related cognitive biases in pain from a functional-contextual perspective: A VR approach** 14:50 - 15:15

*Speaker:* Dimitri Van Ryckeghem (Maastricht, Netherlands)

**Joint discussion** 15:15 - 15:30

*Masterclass Course*

14:00 - 15:30

Rhône 3AB (Level Rhône Pasteur)

**Clinical Masterclass: Physical Activity and Multimorbidity - How to Bridge the Intention-Behavior Gap***Chair:* Harriet Wittink (Netherlands)

**BCTs addressing patient barriers in adopting and maintaining physical activity** 14:00 - 14:00

*Speaker:* Annick De Paepe (Gent, Netherlands)

**Practical Strategies for Older Adults Managing Multiple Chronic Conditions** 14:00 - 14:00

*Speaker:* James Timmons (Dublin, Ireland)

**Exercise Approaches for Cancer Patients with Multimorbidities** 14:00 - 14:00

*Speaker:* An De Groef (Antwerp, Belgium)*Topical Workshops*

14:00 - 15:30

Saint-Claire 3AB (Level Saint-Claire)

**Appraisals of Injustice in Chronic Pain - Mechanisms, Implications, and Associations with Mental Health***Chair:* Gadi Gilam (Jerusalem, Israel)

**Perceived Injustice in Chronic Pain - State-of-the-art Findings and Socio-cultural Implications** 14:00 - 14:25

*Speaker:* Zina Trost (Texas, United States)

**Perceptions of Injustice Interact with Developmental and Discrimination Factors impacting Depression and Pain in Patients with Chronic Pain** 14:25 - 14:50

*Speaker:* Maisa Ziadni (Palo Alto, United States)

**Perceived Injustice and Anger in Fibromyalgia Patients With/Without Comorbid Mental Health Conditions** 14:50 - 15:15

*Speaker:* Gadi Gilam (Jerusalem, Israel)

**Joint discussion** 15:15 - 15:30

*Topical Workshops*

14:00 - 15:30

Auditorium Pasteur (Level Rhône Pasteur)

**Nociceptive Mechanisms of Human Spine Pain***Chair:* Michele Curatolo (Seattle, United States)

**Associating clinical and somatosensory phenotypes to molecular mechanisms of spine pain** 14:00 - 14:25

*Speaker:* Michele Curatolo (Seattle, United States)

|  |               |
|--|---------------|
| <b>Transcriptomic dorsal root ganglion profiles of patients with spine pain</b>  | 14:25 - 14:50 |
| <i>Speaker:</i> Theodor Price (Dallas, United States)  |               |
| <b>Cerebral imbalances of excitatory and inhibitory neurotransmitters of patients with spine pain</b>                      | 14:50 - 15:15 |
| <i>Speaker:</i> Petra Schweinhardt (Zurich, Switzerland)   |               |
| <b>Joint discussion</b>  | 15:15 - 15:30 |
| <br><i>Topical Workshops</i><br>14:00 - 15:30  |               |
| Salon Pasteur (Level Rhône Pasteur)  |               |
| <b>Navigating Pain and Mental Health during War</b>  |               |
| <i>Chair:</i> Pavel Goldstein (Haifa, Israel)  |               |
| <i>Chair:</i> Frederic Aubrun (Lyon, France)   |               |
| <b>Pain Diagnosis and Management in War-Torn Ukraine - Challenges and Innovations</b>                                      | 14:00 - 14:25 |
| <i>Speaker:</i> Dmytro Dmytriiev (Vinnytsia, Ukraine)  |               |
| <b>The Dynamics of Pain and Depression in War Conditions: A Study of Ukrainian Patients</b>                                | 14:25 - 14:50 |
| <i>Speaker:</i> Thalia Richter (Leipzig, Germany)  |               |
| <b>Targeting Nociceptive Pain and Mental Health Comorbidities with Personalized Danger Signal Reprocessing (PDSR)</b>      | 14:50 - 15:15 |
| <i>Speaker:</i> Pavel Goldstein (Haifa, Israel)  |               |
| <b>Joint discussion</b>  | 15:15 - 15:30 |
| <br><i>Breaks</i><br>15:30 - 16:00   |               |
| Forum 4&5: Exhibition & Poster Area (Level Forum)  |               |
| <b>Afternoon Break</b>   |               |
| <br><i>Topical Workshops</i><br>16:00 - 17:30  |               |
| Auditorium Lumière (Level Lumière)   |               |
| <b>Understanding the Social Dimensions of Pain: From Research to Clinical Practice</b>                                     |               |
| <i>Chair:</i> Hollie Birkinshaw (Southampton, United Kingdom)  |               |
| <b>Social dimensions of pain</b>   | 16:00 - 16:15 |
| <i>Speaker:</i> Amanda C. de C. Williams (London, United Kingdom)  |               |
| <b>Exploring communication in clinical encounters</b>  | 16:15 - 16:35 |
| <i>Speaker:</i> Chris Djurtoft (Aalborg, Denmark)  |               |
| <b>Re-engaging with the social self in chronic pain</b>  | 16:35 - 16:55 |
| <i>Speaker:</i> Hollie Birkinshaw (Southampton, United Kingdom)  |               |
| <b>Joint discussion</b>  | 16:55 - 17:30 |
| <br><i>Topical Workshops</i><br>16:00 - 17:30  |               |
| Forum 1 (Level Forum)  |               |
| <b>Spine-Related Leg Pain (Sciatica): Unravelling Complexity Towards Personalised Care</b>                                 |               |
| <i>Chair:</i> Annina Schmid (Oxford, United Kingdom)   |               |
| <b>Clinical heterogeneity of spine-related leg pain: from clinical phenotype to treatment relevance?</b>                   | 16:00 - 16:25 |
| <i>Speaker:</i> Annina Schmid (Oxford, United Kingdom)   |               |
| <b>Can we better select patients for treatment options? Predictors of outcome following an epidural steroid injection.</b> | 16:25 - 16:50 |

Speaker: Siobhan Stynes (Keele, United Kingdom)

**Precision medicine to improve the pharmacological management of sciatica: promise and perils** 16:50 - 17:15

Speaker: Giovanni Ferreira (Sydney, Australia)

**Joint discussion** 17:15 - 17:30

#### Topical Workshops

16:00 - 17:30

Forum 2 (Level Forum)

#### **Circuit, Cellular and Molecular Mechanisms of Neuromodulation-Induced Analgesia in the Cerebral Cortex**

Chair: Grégory Scherrer (Chapel Hill, United States)

**Cortical neuron-types that respond to opioids and participate in placebo analgesia** 16:00 - 16:25

Speaker: Grégory Scherrer (Chapel Hill, United States)

**Transcranial magnetic stimulation treatment of chronic pain via opioidergic modulation of descending pain control circuits** 16:25 - 16:50

Speaker: Nicole Mercer Lindsay (Palo Alto, United States)

**Pain relief via repetitive prefrontal direct current stimulation: mechanistic insights from mice with neuropathic pain** 16:50 - 17:15

Speaker: Lirong Wang (Heidelberg, Germany)

**Joint discussion** 17:15 - 17:30

#### Masterclass Course

16:00 - 17:30

Rhône 3AB (Level Rhône Pasteur)

#### **Clinical Masterclass: Self-Report Tools for Psychological Constructs**

Chair: Edmund Keogh (Bath, United Kingdom)

**Designing cognitive-emotional self-report questionnaires for pain research: methods and best practices** 16:00 - 16:25

Speaker: Edmund Keogh (Bath, United Kingdom)

**How to navigate in the maze of pain measures?** 16:25 - 16:50

Speaker: Dimitri Van Ryckeghem (Maastricht, Netherlands)

**Clinical Application of Self-Report Questionnaires, Limitations and Exploring Alternative Approaches** 16:50 - 17:15

Speaker: Harbinder Sandhu (Coventry, United Kingdom)

#### Topical Workshops

16:00 - 17:30

Saint-Claire 3AB (Level Saint-Claire)

#### **Central Disorders Leading to Secondary Chronic Pain: Dissecting Concepts and Mechanisms to Improve Quality of Care**

Chair: Daniel Ciampi de Andrade (Aalborg, Denmark)

Moderator: Mathilde Kehler (Denmark)

**When the brain aches the body echoes: chronic pain in mental disorders** 16:00 - 16:25

Speaker: Ruth Defrin (Tel Aviv, Israel)

**Not all chronic pains and mental health symptoms are the same in people with CNS disorders: a view into clinical phenotypes and why they matter.** 16:25 - 16:50

Speaker: Daniel Ciampi de Andrade (Aalborg, Denmark)

**The cheating brain and the skeptical clinician** 16:50 - 17:15

Speaker: Luis Garcia-Larrea (Lyon, France)

**Joint discussion**

17:15 - 17:30

*Topical Workshops*

16:00 - 17:30

Auditorium Pasteur (Level Rhône Pasteur)

**Pain at the Interface: The Role Played by the Gut Microbiota and Mucosa in Shaping Abdominal Pain***Chair:* Nicolas Cenac (Toulouse, France)**Mucosal contributions to visceral nociceptor activation in gastrointestinal disease**

16:00 - 16:25

*Speaker:* David Bulmer (Cambridge, United Kingdom)**Post-inflammatory changes in microbiota-gut interaction involved in the persistence of abdominal pain**

16:25 - 16:50

*Speaker:* Elena Lucarini (Florence, Italy)**Microbiota-sensory nerve interactions: towards mechanisms in visceral pain**

16:50 - 17:15

*Speaker:* Nicolas Cenac (Toulouse, France)**Joint discussion**

17:15 - 17:30

*Topical Workshops*

16:00 - 17:30

Salon Pasteur (Level Rhône Pasteur)

**Post-Trauma-Related Amputation Pain: The Challenges of Researching and Treating the Bio-Pscho-Social Features of its Pain***Chair:* Ruth Zaslansky (Jena, Germany)**Phantom Limb Pain: Thinking Outside The (Mirror) Box**

16:00 - 16:20

*Speaker:* Tamar Makin (Cambridge, United Kingdom)**Trauma-Related Amputation Pain and Mental Health Conditions: A Lot of Theory, But Not Enough Evidence**

16:20 - 16:40

*Speaker:* Jannie Van Der Merwe (United Kingdom)**Feasibility of Using mHealth Offering Non-Pharmacological Interventions For Managing Amputation-Related Pains In Soldiers and Civilians Injured By War**

16:40 - 17:00

*Speaker:* Volodymyr Romanenko (Lugansk, Ukraine)**A Critical Review of Pharmacological and Non-Pharmacological Therapies For Managing Amputation-Related Pains: What is the Evidence From the Literature and From The Clinical Routine?**

17:00 - 17:20

*Speaker:* Ruth Zaslansky (Jena, Germany)**Joint discussion**

17:20 - 17:30

*Networking and Orientation*

16:00 - 17:00

Rhône 2 (Level Rhône Pasteur)

**ECR Rising Stars Session****Presentation of the Rising Stars Programme**

16:00 - 16:10

*Speaker:* Jan Vollert (Exeter, United Kingdom)*Speaker:* Kristian Kjær-Staal Petersen (Aalborg, Denmark)**Prize winning posters - oral communication**

16:10 - 16:10

**Poster Award Presentation 1: UNCOVERING THE FUNCTIONAL RELATIONSHIP BETWEEN PAIN PERCEPTION AND THE MODULATION OF ONGOING OSCILLATIONS IN THE HUMAN POSTERIOR INSULA USING INTRACEREBRAL EEG**

16:10 - 16:20

*Poster Prize Presenter:* Chiara Leu (Brussels, Belgium)**Poster Award Presentation 2: THE DYNAMIC BALLET OF NAV1.8**

16:20 - 16:30

**TRAFFICKING IN CHRONIC PAIN**

*Poster Prize Presenter:* Nicolas Dumaire (Saint Louis, United States)

**Poster Award Presentation 3** 16:30 - 16:40

**Poster Award Presentation 4** 16:40 - 16:50

**Final remarks and invitation to join the ECR gathering and evaluation** 16:50 - 17:00

*Speaker:* Jan Vollert (Exeter, United Kingdom)

*Speaker:* Kristian Kjær-Staal Petersen (Aalborg, Denmark)

*Networking and Orientation*

17:00 - 17:30

Rhône 2 (Level Rhône Pasteur)

**ECR Gathering and Evaluation**

*Chair:* Jan Vollert (Exeter, United Kingdom)

*Chair:* Kristian Kjær-Staal Petersen (Aalborg, Denmark)

*Plenary*

17:45 - 18:15

Auditorium Lumière (Level Lumière)

**Psychedelics in Chronic Pain and Mental Health Disorders**

*Chair:* Caterina Maria Leone (Roma, Italy)

**Psychedelics in chronic pain and mental health disorders** 17:45 - 18:15

*Plenary Speaker:* Kim Kuypers (Netherlands)

*Plenary*

18:15 - 18:45

Auditorium Lumière (Level Lumière)

**Evidence-Based Analysis Of Healthy Lifestyle Interventions**

*Chair:* Ozden Gokdemir (Izmir, Turkey)

**Evidence-based analysis of healthy lifestyle interventions in chronic pain** 18:15 - 18:45

*Plenary Speaker:* Amanda C. de C. Williams (London, United Kingdom)

*Plenary*

18:45 - 19:15

Auditorium Lumière (Level Lumière)

**Neuroimmunity and Chronic Pain: from Animal Models to Humans**

*Chair:* Walter Magerl (Mannheim, Germany)

**The role of spinal microglial activation in neuropathic pain (animal models)** 18:45 - 19:00

*Plenary Speaker:* Makoto Tsuda (Japan)

**Chronic pain and the Inflamed Brain: Insights from Human Imaging Studies** 19:00 - 19:15

*Plenary Speaker:* Marco Loggia (United States)

*Networking and Orientation*

19:15 - 19:35

Auditorium Lumière (Level Lumière)

**Closing Ceremony & Reception**

**Closing Address, Awards and Look-ahead** 19:15 - 20:15