

**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

*Poster Presenter:* Takako Matsubara (Kobe, Japan)

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

I-C.21	<b>OBJECTIVE MEASUREMENT OF PHYSICAL ACTIVITY PATTERNS IN CHRONIC PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Annet Doomen (Utrecht, Netherlands)		
I-C.22	<b>ARE THERE ANY DIFFERENCES IN PAIN THRESHOLDS DURING MENSTRUAL CYCLE?</b>	12:30 - 12:30
<i>Poster Presenter:</i> Aleksandra Savic (Novi Sad, Serbia)		
I-C.23	<b>CLINICAL APPLICATION OF THE N13 SOMATOSENSORY EVOKED POTENTIALS IN COMPLEX REGIONAL PAIN SYNDROME</b>	12:30 - 12:30
<i>Poster Presenter:</i> Florin Allmendinger (Zurich, Switzerland)		
I-C.24	<b>"HOW SHOULD SHOULDER PAIN BE LABELED?" THE PERSPECTIVE OF SHOULDER EXPERTS. A QUALITATIVE STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Matteo Cioeta (Campobasso, Italy)		
I-C.25	<b>IDENTIFICATION OF A CLINICAL PATTERN IN PATIENTS WITH CHRONIC PELVIC PAIN: AN OBSERVATIONAL STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Chloé Thibault (Valencia, Spain)		
I-C.26	<b>GUT DYSBIOSIS IN PATIENTS WITH CHRONIC PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Lisa Goudman (Brussels, Belgium)		
I-C.27	<b>ROLE OF ENDOCANNABINOIDS AND CATECHOLAMINES DURING CONDITIONED PAIN MODULATION, HYPNOSIS-INDUCED AND PLACEBO ANALGESIA</b>	12:30 - 12:30
<i>Poster Presenter:</i> Matthieu Vincenot (Sherbrooke, Canada)		
I-C.28	<b>THE EFFECT OF PROLONGED ISCHEMIA AND ANESTHETIC AGENTS ON OXIDATIVE STRESS PARAMETERS, POSTOPERATIVE PAIN, AND POSTOPERATIVE ANALGESIA REQUIREMENT</b>	12:30 - 12:30
<i>Poster Presenter:</i> Ilknur Suidiye Yorulmaz (Duzce, Turkey)		
I-C.29	<b>IMMUNE PROFILING IN CHRONIC NEUROPATHIC PAIN: INSIGHTS FROM MASS CYTOMETRY AND CLINICAL CORRELATIONS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Natalia Malek (Wroclaw, Poland)		
I-C.30	<b>MEMORY OF PAIN AND ASSOCIATED CONTEXT IN AN IMMERSIVE VIRTUAL REALITY PROTOCOL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Maud Frot (Lyon, France)		
I-C.31	<b>EFFECTS OF DULOXETINE HYDROCHLORIDE ON CONDITIONED PAIN MODULATION, TEMPORAL SUMMATION OF PAIN, AND OFFSET ANALGESIA IN HEALTHY VOLUNTEERS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Yuka Oono (Sakado, Saitama, Japan)		
I-C.32	<b>PHARMACOLOGICAL MODULATION OF PERIPHERAL NERVE EXCITABILITY - A NOVEL WAY TO INVESTIGATE SODIUM CHANNEL SUBTYPES</b>	12:30 - 12:30
<i>Oral Abstract Presenter:</i> Trine Andresen (Aalborg, Denmark)		
I-C.33	<b>INVESTIGATING OFFSET ANALGESIA THROUGH PUPILLOMETRY: CAN PUPIL RESPONSE REFLECT ANALGESIC EFFECTS?</b>	12:30 - 12:30
<i>Poster Presenter:</i> Anna Leonhartsberger (Zurich, Switzerland)		
I-C.34	<b>BEYOND NOCICEPTION: TOWARD AN UNDERSTANDING OF THE NETWORKS UNDERLYING THE UNPLEASANTNESS INHERENT TO PAIN PERCEPTION</b>	12:30 - 12:30
<i>Poster Presenter:</i> Juliette Gélébart (Bron, France)		
I-C.35	<b>INVESTIGATING CORTICOSPINAL EXCITABILITY IN RESPONSE TO EXPERIMENTALLY INDUCED ACUTE PAIN AND ITCH</b>	12:30 - 12:30
<i>Poster Presenter:</i> Bolette Harritsø Winther (Aalborg, Denmark)		



I-C.36	<b>INVESTIGATING DIFFERENT NEURAL RESPONSES DURING EXPERIMENTAL ACUTE PAIN AND ITCH USING TRANSCRANIAL MAGNETIC STIMULATION COMBINED WITH ELECTROENCEPHALOGRAPHY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Alessandro Giannotta (Camerino, Italy)		
I-C.37	<b>THE ROLE OF TESTOSTERONE FOR ENDOGENOUS PAIN MODULATION AND SENSORY PROFILES IN MEN (THE TESTOSENSE TRIAL)</b>	12:30 - 12:30
<i>Poster Presenter:</i> Christoph Matthias Schäfer (Münster, Germany)		
I-C.38	<b>INTERACTION BETWEEN THE NOCICEPTIVE AND CARDIOVASCULAR SYSTEM IN HEALTHY PARTICIPANTS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Joëlle Katharina Metzger (Zurich, Switzerland)		
I-C.39	<b>CHARACTERIZATION OF EXPERIMENTAL KNEE PAIN IN HEALTHY SUBJECTS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Emma Hertel (Aalborg, Denmark)		
I-C.40	<b>EFFECTS OF SUPPRESSED MOTOR RESPONSES ON NEURAL PAIN SIGNATURES</b>	12:30 - 12:30
<i>Poster Presenter:</i> Lars Keuter (Hamburg, Germany)		
I-C.41	<b>SPATIAL AND TEMPORAL SUMMATION ON HISTAMINERGIC AND NON-HISTAMINERGIC ITCH</b>	12:30 - 12:30
<i>Poster Presenter:</i> Giulia Erica Aliotta (Gistrup, Denmark)		
I-C.42	<b>BEHAVIOURAL CORRELATES OF SPATIOTEMPORAL THREAT PERCEPTION IN TONIC PAIN STATES</b>	12:30 - 12:30
<i>Poster Presenter:</i> Danielle Hewitt (Oxford, United Kingdom)		
I-C.43	<b>NO GENDER DIFFERENCES IN PAIN INTENSITY, THRESHOLD, AND TOLERANCE AMONG RECREATIONAL ENDURANCE ATHLETES</b>	12:30 - 12:30
<i>Poster Presenter:</i> Nemanja Radovanovic (Belgrade, Serbia)		
I-C.44	<b>LONGITUDINAL EEG MARKERS OF THE INTENSITY OF NEUROPATHIC PAIN: A HOME-BASED PILOT STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Aleksandra Vuckovic (Glasgow, United Kingdom)		
I-C.45	<b>BRIDGING THE GAP: A SYSTEMATIC REVIEW OF STATISTICAL METHODS IN GENDER-BASED NOCIPLASTIC PAIN RESEARCH</b>	12:30 - 12:30
<i>Poster Presenter:</i> Sebastián Eustaquio Martín Pérez (Santa Cruz de Tenerife, Spain)		
I-C.46	<b>COMPREHENSIVENESS AND VALIDITY OF A MULTIDIMENSIONAL ASSESSMENT OF PATIENTS WITH FIBROMYALGIA: A PROSPECTIVE COHORT STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Thomas Benz (Bad Zurzach, Switzerland)		
I-C.47	<b>PAIN ASSESSMENT IN IMPAIRED COGNITION 15 (PAIC15) OBSERVATION SCALE IN PERSONS WITH APHASIA: VALIDITY AND RELIABILITY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Wilco Achterberg (Leiden, Netherlands)		

*Posters*

12:30 - 14:00

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

**D. Pain Therapies**

I-D.01	<b>INTEGRATIVE KOREAN MEDICINE TREATMENT FOR PATIENTS WITH FIBROMYALGIA: A PROSPECTIVE OBSERVATIONAL STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Sung-A Kim (Seoul, Korea, Republic of)		
I-D.02	<b>COMPARATIVE EFFECT OF ACUPUNCTURE RELATED TO USUAL CARE IN PATIENTS WITH CHRONIC LOW BACK PAIN: A SYSTEMATIC REVIEW OF THE LITERATURE</b>	12:30 - 12:30

Poster Presenter: Spyridon Sotiropoulos (Athens, Greece)

I-D.03                    **MECHANISMS OF ELECTROACUPUNCTURE AND PREGABALIN  
ATTENUATE NEUROPATHIC PAIN AND REPAIR  
ULTRASTRUCTURE DAMAGE IN A RAT MODEL OF BRACHIAL  
PLEXUS NEURALGIA**                    12:30 - 12:30

I-D.04                    **THE VALUE OF THE OSTEOPATHIC APPROACH IN SUPPORTING  
WOMEN SUFFERING FROM ENDOMETRIOSIS**                    12:30 - 12:30

Poster Presenter: Pauline Metzmaeker (Bruxelles, Belgium)

I-D.05                    **LOW BACK PAIN IN PARKINSON'S DISEASE PATIENTS: AN  
OSTEOPATHIC MANAGEMENT AND BALANCE'S IMPACT**                    12:30 - 12:30

Poster Presenter: Sara Sánchez Mjaouel (Brussels, Belgium)

I-D.07                    **EMPOWERING PATIENTS THROUGH THE INTRODUCTION OF PRE-  
PROCEDURE EDUCATIONAL VIDEO CONTENT IN THE PAIN  
CLINIC**                    12:30 - 12:30

Poster Presenter: Thomas Gower (Gillingham, United Kingdom)

I-D.08                    **EXAMINING THE TYPE, QUALITY, AND CONTENT OF WEB-BASED  
INFORMATION FOR PEOPLE WITH CHRONIC PAIN INTERESTED  
IN SPINAL CORD STIMULATION: SOCIAL LISTENING STUDY**                    12:30 - 12:30

Poster Presenter: Lisa Goudman (Brussels, Belgium)

I-D.09                    **SENECA - NEW THERAPIES FOR THE MULTIMODAL TREATMENT  
OF CHRONIC LOW BACK PAIN (CLBP) USING AURICULAR VAGUS  
NERVE STIMULATION (AVNS) AND DIGITAL THERAPY  
MANAGEMENT**                    12:30 - 12:30

Poster Presenter: Rudolf Likar (Klagenfurt, Austria)

I-D.10                    **EFFECTIVENESS OF ONLINE PAIN MANAGEMENT PROGRAMS ON  
IMPROVING PAIN SELF-EFFICACY AND KINESIOPHOBIA: A  
SYSTEMATIC REVIEW AND META-ANALYSIS**                    12:30 - 12:30

Poster Presenter: Tania Gardner (Sydney, Australia)

I-D.11                    **FROM 'HEADEGGS' TO 'LOS CABEZUDOS': SPANISH  
TRANSLATION, CULTURAL ADAPTATION, AND EFFECTIVENESS  
OF AN EDUCATIONAL HEADACHE WEBSITE**                    12:30 - 12:30

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

I-D.12                    **VIRTUAL REALITY APPLICATION FOR ENHANCING  
COMMUNICATION SKILLS OF PHYSIOTHERAPY STUDENTS IN  
CHRONIC MUSCULOSKELETAL PAIN MANAGEMENT**                    12:30 - 12:30

Poster Presenter: Konstantina Savvoulidou (Lamia, Greece)

I-D.13                    **UNLOCKING THE GENETICS OF CHRONIC PAIN IN ONCOLOGY  
PATIENTS WITH MACHINE LEARNING APPROACHES: A  
MULTIDISCIPLINARY PROTOCOL DEVELOPMENT**                    12:30 - 12:30

Poster Presenter: Irene Kouroukli (Athens, Greece)

I-D.15                    **COOPERATIVE WORK BETWEEN CLINICAL NURSES AND  
DOCTORS FOR THE PAIN MANAGEMENT OF HOSPITAL  
CONSULTATION REFERRALS AT CENTRE HOSPITALIER DE  
L'UNIVERSITÉ DE MONTRÉAL (CHUM)**                    12:30 - 12:30

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

I-D.16                    **TRANSDISCIPLINARY THREE-MONTH COMPLEX CHRONIC PAIN  
MANAGEMENT PROGRAMME AND ONE-YEAR FOLLOW-UP STUDY,  
ALONG WITH A SUMMARY OF THE RESULTS**                    12:30 - 12:30

Poster Presenter: Bernadett Toth-Kuthy (Budapest, Hungary)

I-D.17                    **ARNOLD-CHIARI SYNDROME (A CASE REPORT)**                    12:30 - 12:30

Poster Presenter: Sanja Vickovic (Novi Sad, Serbia)

I-D.18                    **EXTERNAL VALIDATION OF FOUR MODELS PREDICTING  
TREATMENT SUCCESS AFTER INTERDISCIPLINARY**                    12:30 - 12:30

**MULTIMODAL PAIN TREATMENT**

*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	<b>SPONTANEOUS INTRACRANIAL HYPOTENSION - THE ROLE OF A "LOW VOLUME" EPIDURAL BLOOD PATCH - A CASE REPORT</b>	12:30 - 12:30
<i>Poster Presenter:</i> Jana Šimonová (Košice, Slovakia)		
I-D.36	<b>BOTULINUM TOXIN A FOR PAIN MANAGEMENT IN STIFF PERSON SYNDROME</b>	12:30 - 12:30
<i>Poster Presenter:</i> Aleksandr Peshkin (Moscow, Russian Federation)		
I-D.37	<b>ULTRASOUND-GUIDED INTERCOSTAL BLOCK FOR THE MANAGEMENT OF INTERCOSTAL NEURALGIA IN PREGNANT WOMEN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Laura Tascón Padrón (Bonn, Germany)		
I-D.38	<b>THE COMPARISON OF TACTILE DISCRIMINATION TRAINING AND OCULOMOTOR EXERCISES IN PEOPLE WITH CHRONIC NECK PAIN</b>	12:30 - 12:30
I-D.39	<b>THE EFFECTIVENESS OF THORACIC SPINE MANIPULATION ON THORACIC SPINE PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Jani Takatalo (Oulu, Finland)		
I-D.40	<b>THIRD WAVE PSYCHOLOGICAL THERAPIES AND THE MANAGEMENT OF CHRONIC LOW BACK PAIN: A SCOPING REVIEW</b>	12:30 - 12:30
<i>Poster Presenter:</i> Doré Young (Manchester, United Kingdom)		
I-D.41	<b>THE INTERRELATIONS OF PAIN AND CULTURAL FACTORS ON COGNITIVE TASK PERFORMANCE IN VASCULAR DEMENTIA</b>	12:30 - 12:30
<i>Poster Presenter:</i> Rimsha Taqdees (Wolverhampton, United Kingdom)		
I-D.42	<b>INTRADISCAL PULSED RADIOFREQUENCY PLUS PLATELET-RICH PLASMA FOR CHRONIC DISCOGENIC PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Mauricio Polanco-García (Barcelona, Spain)		
I-D.43	<b>EFFICACY OF INVASIVE TECHNIQUES FOR CHRONIC SHOULDER PAIN IN OUR PAIN UNIT</b>	12:30 - 12:30
I-D.44	<b>THE MEASUREMENT THE EPIDURAL SPACE DISTANCE BASED ON MRI DATA FOR BETTER SAFETY OF INTERLAMINAR STEROID INJECTIONS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Irina Sharinova (Moscow, Russian Federation)		
I-D.46	<b>ULTRASOUND GUIDED MAXILLARY NERVE BLOCKS AS A RESCUE THERAPY FOR POST GASSERIAN GANGLION RADIOFREQUENCY ABLATION PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Yun Hao Leong (Singapore, Singapore)		
I-D.47	<b>CONTINUOUS PERICAPSULAR NERVE GROUP (PENG) BLOCK INFUSION FOR PAIN CONTROL IN A PATIENT WITH SUPERIOR AND INFERIOR PELVIC RAMI FRACTURES: A CASE REPORT</b>	12:30 - 12:30
<i>Poster Presenter:</i> Jacklyn Yek (Singapore, Singapore)		
I-D.48	<b>WHAT IF IT HURTS? PHYSICAL ACTIVITY BEFORE AND AFTER BACK SURGERY: A QUALITATIVE STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Heidi Tegner (Glostrup, Denmark)		
I-D.49	<b>THE EFFICACY OF INTRA ARTICULAR SHOULDER INJECTION VERSES COMBINED SUPRASCAPULAR AND AXILLARY NERVE BLOCK FOR ADHESIVE CAPSULITIS: A DOUBLE-BLIND RANDOMIZED CONTROL TRIAL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Waqas Ashraf Chaudhary (Lahore, Pakistan)		
I-D.51	<b>ULTRASOUND-GUIDED ERECTOR SPINAE PLANE BLOCK FOR PAIN RELIEF IN PATIENTS WITH CHRONIC THORACIC HERPES ZOSTER</b>	12:30 - 12:30
<i>Poster Presenter:</i> Ümit Akkemik (Eskişehir, Turkey)		

I-D.52	<b>USE OF ULTRASOUND-GUIDED SUPRASCAPULAR NERVE (SSN) BLOCK IN THE SELECTION OF PATIENTS FOR RADIOFREQUENCY ABLATION - PRELIMINARY RESULTS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Grisell Vargas-Schaffer (Montreal, Canada)		
I-D.54	<b>ANGIOGRAPHIC EVALUATION OF VESSEL STAINING AND INTERVENTION EFFICACY IN PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME</b>	12:30 - 12:30
I-D.55	<b>PATIENT SATISFACTION WITH SINGLE-SHOT SPINAL ANALGESIA FOR LABOR</b>	12:30 - 12:30
<i>Poster Presenter:</i> Nermin Ismić (Sarajevo, Bosnia and Herzegovina)		
I-D.56	<b>NEW INDICATIONS□UNPAIRED GANGLION BLOCK PROVIDES ANALGESIA FOR CANCER AND TRAUMATIC PAIN OF THE PUBIC, SCIATIC, AND ACETABULAR BONES, A CASE SERIES</b>	12:30 - 12:30
<i>Poster Presenter:</i> Toshifumi Kosugi (Saga, Japan)		
I-D.57	<b>VIRTUAL REALITY FOR ANALGESIA FOR SPINE SURGERYI IN ADOLESCENTS: A PROSPECTIVE RANDOMIZED OPEN-LABEL STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Servane Legoas Uguen (Toulouse, France)		
I-D.58	<b>RETROSPECTIVE STUDY OF SERRATUS POSTERIOR SUPERIOR INTERCOSTAL PLAN BLOCK IN PATIENTS WITH MYOFASCIAL PAIN SYNDROME IN THE LOWER NECK AND BACK REGION</b>	12:30 - 12:30
<i>Poster Presenter:</i> Humay Ismayilzada (Ankara, Turkey)		
I-D.59	<b>INTERPEDICULAR APPROACH IN PERCUTANEOUS SACROPLASTY FOR TREATING PAIN DUE TO DIRECT INVASION OF RECTAL CANCER INTO THE S3 BODY: A CASE REPORT</b>	12:30 - 12:30
<i>Poster Presenter:</i> Jinseok Yeo (Daegu, Korea, Republic of)		
I-D.60	<b>EFFECTS OF LUMBAR FACET NERVE BLOCK ON BACK PAIN, POSTURAL SWAY AND HEALTH RELATED QUALITY OF LIFE, IN PATIENTS WITH CHRONIC BACK PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Hannu Heikkilä (Pori, Finland)		
I-D.61	<b>A PROSPECTIVE STUDY OF PREDICTIVE FACTORS INFLUENCING THE EFFECTIVENESS OF INTERLAMINAR EPIDURAL INFILTRATION IN THE MANAGEMENT OF SCIATICA DUE TO LUMBAR DISC HERNIATION</b>	12:30 - 12:30
<i>Poster Presenter:</i> Joseph Maarrawi (Beirut, Lebanon)		
I-D.62	<b>EVALUATING THE EFFICACY OF EMERGENCY DEPARTMENT FEMORAL NERVE BLOCKS FOR PAIN MANAGEMENT IN PAEDIATRIC FEMORAL FRACTURES AT ALDER HEY CHILDREN'S HOSPITAL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Eliza Rodgus (Liverpool, United Kingdom)		
I-D.63	<b>ACUTE PAIN SERVICE NEEDS AND INTERVENTION IN A MAJOR TRAUMA CENTRE: A 1 YEAR RETROSPECTIVE OBSERVATIONAL STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Aoife Murray (Cork, Ireland)		
I-D.66	<b>ATELOCOLLAGEN VS. PROLOTHERAPY IN PARTIAL-THICKNESS SUPRASPINATUS TEARS: A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL WITH MRI-CONFIRMED OUTCOMES</b>	12:30 - 12:30
<i>Poster Presenter:</i> Joon Hee Lee (Seongnamsi, Korea, Republic of)		
I-D.67	<b>ULTRASOUND-GUIDED RADIOFREQUENCY ABLATION OF THE GENICULAR NERVES: AN INNOVATIVE NON-OPERATIVE TREATMENT FOR KNEE OSTEOARTHRITIS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Jasmin Nurković (Novi Pazar, Serbia)		
I-D.68	<b>ULTRASOUND GUIDED BLOCKADE OF THE ADDUCTOR CANAL</b>	12:30 - 12:30

**WITH A LOCAL ANESTHETIC REDUCES PAIN AND IMPROVES  
KNEE INJURY AND OSTEOARTHRITIS OUTCOME SCORE IN THE  
KNEE OSTEOARTHRITIS**

*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.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.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	<b>INCIDENCE AND FACTORS AFFECTING THE DEVELOPMENT AND OUTCOME OF PHANTOM LIMB PAIN (PLP) - A SINGLE-CENTRE PROSPECTIVE COHORT STUDY</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Kai Wen Yeo (Singapore, Singapore)	
I-A.15	<b>THE EFFECTIVENESS OF ACUPUNCTURE IN NEUROPATHIC PAIN FROM CHEMOTHERAPY-INDUCED POLYNEUROPATHY</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Spyridon Sotiropoulos (Athens, Greece)	
I-A.16	<b>A CROSS-SECTIONAL STUDY TO IDENTIFY THE SOCIAL CONTEXT OF PAIN IN CANCER PATIENTS - INDIAN PERSPECTIVE</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Aanchal Satija (Delhi, India)	
I-A.17	<b>EXPLORING THE IMPACT OF PAIN INTENSITY, ACCEPTANCE, AND CATASTROPHIZING ON PSYCHOLOGICAL DISTRESS IN CANCER PATIENTS</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Mohammad Al Qadire (Mafrag, Jordan)	
I-A.18	<b>ENHANCING MULTIDISCIPLINARY COLLABORATION IN SEVERE CANCER PAIN: A EUROPEAN EXPERT CONSENSUS ON MANAGEMENT STRATEGIES</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Maria Luz Padilla del Rey (Geneva, Switzerland)	
I-A.19	<b>GLOBAL PERSPECTIVES ON CANCER-RELATED PAIN IN IMMIGRANT AND ETHNIC MINORITIES CANCER SURVIVORS</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Nataly Espinoza Suarez (Québec, Canada)	
I-A.20	<b>EXPERIENCES AND THOUGHTS OF MULTIMODAL TEAM ASSESSMENT FOR PATIENTS WITH TRAUMATIC SPINAL CORD INJURY AND CHRONIC PAIN - FROM A PATIENT AND PERSONNEL PERSPECTIVE</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Sofia Bjorkbacka (Umea, Sweden)	
I-A.21	<b>PAIN SYNDROME IN MULTIPLE SCLEROSIS</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Aleksandr Peshkin (Moscow, Russian Federation)	
I-A.22	<b>AN ANALYSIS OF CLINICAL DIAGNOSTIC TOOL FOR THE ASSESSMENT OF CHRONIC NEUROPATHIC PAIN IN PRIMARY CARE</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Lea Homae (Belfast, United Kingdom)	
I-A.23	<b>PAIN IN CHRONIC STROKE - A SINGLE CENTER CROSS-SECTIONAL STUDY</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Dušica Simić-Panić (Novi Sad, Serbia)	
I-A.26	<b>IS AUTONOMIC FUNCTION ASSOCIATED WITH (CENTRAL) PAIN PROCESSING IN INDIVIDUALS WITH CHRONIC PAIN? A SYSTEMATIC REVIEW</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Iris Meuwissen (Antwerp, Belgium)	
I-A.27	<b>THE MISMATCH-HYPOTHESIS FOR CHRONIC PAIN - INTEGRATING INSIGHTS FROM ANCIENT, COMPARATIVE AND 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 ON NHS WAITING LISTS - A PRAGMATIC EVALUATION MIXED-METHODS STUDY</b>	12:30 - 12:30
	<i>Poster Presenter:</i> Jagjit Mankelow (Middlesbrough, United Kingdom)	
I-A.29	<b>EFFECTS OF CBT-I ACROSS DIFFERENT DELIVERY MODES ON SLEEP, PAIN, AND DISABILITY IN INDIVIDUALS WITH CHRONIC PAIN AND COMORBID INSOMNIA: A SYSTEMATIC REVIEW WITH 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 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 PASSIVE TRANSFER-TRAUMA MOUSE MODEL OF COMPLEX 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 CHARACTERISTICS, MANAGEMENT AND OUTCOMES OF 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 CRPS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Iana Andreieva (Warsaw, Poland)		
I-A.35	<b>MOTOR CORTICAL EXCITABILITY AND CONNECTIVITY METRICS BY TMS COUPLED TO ELECTROENCEPHALOGRAPHY OR ELECTROMYOGRAPHY IN COMPLEX REGIONAL PAIN SYNDROME</b>	12:30 - 12:30
<i>Poster Presenter:</i> Stian Ingemann-Molden (Gistrup, Denmark)		
I-A.39	<b>ASSOCIATION BETWEEN EXPERIMENTAL PAIN MEASUREMENTS AND THE CENTRAL SENSITIZATION INVENTORY IN PATIENTS AT LEAST 3 MONTHS AFTER COVID-19 INFECTION: A CROSS-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 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-COVID-19 CHRONIC PAIN: A CONTROLLED CROSS-SECTIONAL STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Gabriel Taricani Kubota (Sao Paulo, Brazil)		
I-A.42	<b>AUTOANTIBODIES FROM LONG-COVID PATIENTS INDUCE SENSORY HYPERSENSITIVITY IN MICE</b>	12:30 - 12:30
<i>Poster Presenter:</i> Hanneke Willemsen (Utrecht, Netherlands)		
I-A.43	<b>EFFECTS OF AN ACTIVE COPING PROGRAM IN LONG-COVID PATIENTS WITH CHRONIC PAIN. PRELIMINARY RESULTS OF A RANDOMIZED CONTROLLED TRIAL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Laura Barrero-Santiago (Valladolid, Spain)		
I-A.44	<b>EEG OSCILLATORY PATTERN IN NEW-ONSET LONG COVID CHRONIC PAIN PATIENTS COMPARED TO HEALTHY CONTROLS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Bárbara Silva-Passadouro (Leeds, United Kingdom)		
I-A.45	<b>HIGH BODILY THREAT MONITORING IS ASSOCIATED WITH REDUCED INFLAMMATORY CYTOKINE SECRETION FROM IMMUNE CIRCULATING CELLS IN FIBROMYALGIA AND DEPRESSION</b>	12:30 - 12:30
<i>Poster Presenter:</i> Angels Calvet-Mirabent (Barcelona, Spain)		
I-A.46	<b>AUGMENTED CONNECTIVITY OF REWARD-RELATED AND DEFAULT MODE NETWORK REGIONS IN FIBROMYALGIA AND MAJOR DEPRESSION</b>	12:30 - 12:30
<i>Poster Presenter:</i> Lidia Izquierdo (Barcelona, Spain)		
I-A.47	<b>DO PATIENTS WITH FIBROMYALGIA SYNDROME RECEIVE UPDATED MANAGEMENT STRATEGIES? A WEB MIX-METHODS SURVEY AMONG ITALIAN PHYSIOTHERAPISTS</b>	12:30 - 12:30
<i>Poster Presenter:</i> 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

I-B.04 **BEYOND THE BIOMEDICAL: UNVEILING CHRONIC PAIN THROUGH AUTOPATHOGRAPHS. EXPLORING CONTEMPORARY PAIN EXPERIENCES** 12:30 - 12:30

*Poster Presenter:* Eva Tordera Nuño (Espoo, Finland)

I-B.05 **ISOLATING BRAIN REGIONS THAT MODULATE THE PAIN EXPERIENCE THROUGH EMOTION AND COGNITION** 12:30 - 12:30

*Poster Presenter:* Laura Malaguti Modernell (Lyon, France)

I-B.06 **TEMPORAL CONTRAST ENHANCEMENT DURING AUDITORY AND THERMAL STIMULATION: AN EXPERIMENTAL STUDY** 12:30 - 12:30

*Poster Presenter:* Jakob Pöhlmann (Lübeck, Germany)

I-B.07 **CHARACTERIZATION OF THE FIRST AND SECOND PAIN SENSATION IN OFFSET ANALGESIA** 12:30 - 12:30

*Poster Presenter:* Tibor M. Szikszay (Lübeck, Germany)

I-B.08 **AN EXPLORATORY APPROACH ON THE NEURONAL PROCESSING OF THE TEMPORAL DERIVATIVES OF PAINFUL STIMULI INDICATE INVOLVEMENT OF THE SUBCALLOSAL AREA** 12:30 - 12:30

*Poster Presenter:* Uli Bromberg (Hamburg, Germany)

I-B.09 **SEX DIFFERENCES IN OXYTOCINERGIC NEURON PROJECTIONS TO THE AMYGDALOID COMPLEX IN MALE AND FEMALE MICE SUBJECTED TO THE HYPERALGESIC PRIMING MODEL** 12:30 - 12:30

*Poster Presenter:* Ana Claudia Braga-Dias (Araraquara, Brazil)

I-B.10 **MECHANISMS UNDERLYING LONG-TERM PAIN SENSITIVITY INDUCED BY NEONATAL REPETITIVE PINPRICK STIMULATION** 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)		
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)		
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)		

**Breaks**

12:30 - 14:00

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

**Lunch Break**

Industry Sessions and Workshops  
12:35 - 13:55

Forum 1 (Level Forum)

**Industry Sponsored Session**

Industry Sessions and Workshops  
12:35 - 13:55

Salon Pasteur (Level Rhône Pasteur)

**Industry Sponsored Session**

Industry Sessions and Workshops  
12:45 - 13:30

Auditorium Pasteur (Level Rhône Pasteur)

**Industry Sponsored Session**

Guided Poster Walk  
12:45 - 13:45

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

**D1. Opioid Use**

Moderator: Anne-Priscille Trouvin (Paris, France)

Moderator: Patrice Forget (Aberdeen, United Kingdom)

Moderator: Yacine Hadjiat (Paris, France)

I-D1.W.01      **QUALITY OF PERIOPERATIVE SURGICAL AND ANESTHESIOLOGIC MEASURES FOR PAIN REDUCTION AFTER HYSTERECTOMY: EVALUATION OF THE INTERNATIONAL PAIN REGISTRY PAIN-OUT**      12:45 - 12:45

Poster Presenter: Laura Tascón Padrón (Bonn, Germany)

I-D1.W.02      **INCIDENCE AND PREVALENCE OF PAIN MEDICATION PRESCRIPTIONS IN PATHOLOGIES WITH A POTENTIAL FOR CHRONIC PAIN**      12:45 - 12:45

Poster Presenter: Lisa Goudman (Brussels, Belgium)

I-D1.W.03      **INFORMATION RECEIVED BY PEOPLE PRESCRIBED OPIOIDS IN PRIMARY CARE AND THE ROLE OF COMMUNITY PHARMACIES: FINDINGS FROM A CROSS-SECTIONAL SURVEY FROM ENGLAND, UK**      12:45 - 12:45

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 SAMPLE WITH CHRONIC PAIN**      13:03 - 13:09

*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&amp;5: Exhibition &amp; 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)

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| I-C1.W.01 | <b>TRAJECTORIES OF SCHOOL ABSENTEEISM: LONGITUDINAL ASSOCIATIONS WITH PAIN AND STRESS IN CHILDHOOD AND WITH SICK LEAVE AND DISABILITY PENSION IN ADULTHOOD</b> | 12:45 - 12:51 |
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*Poster Presenter:* Nadezhda Golovchanova (Örebro, Sweden)

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| I-C1.W.02 | <b>RELIABILITY AND VALIDITY OF THE PEDIATRIC PAINSCAN®: A SCREENING TOOL FOR PEDIATRIC NEUROPATHIC PAIN AND COMPLEX REGIONAL PAIN SYNDROME</b> | 12:51 - 12:57 |
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*Poster Presenter:* Giulia Mesaroli (Toronto, Canada)

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| I-C1.W.03 | <b>PAIN AND DEPRESSIVE SYMPTOMS AMONG ADOLESCENTS: PREVALENCE AND ASSOCIATIONS WITH ACHIEVEMENT PRESSURE AND COPING IN THE NORWEGIAN UNGDATA STUDY</b> | 12:57 - 13:03 |
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*Poster Presenter:* Henriette Jahre (Oslo, Norway)

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| I-C1.W.04 | <b>PAIN IS THE MOST ELUSIVE OF FACIAL EXPRESSIONS</b> | 13:03 - 13:09 |
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*Poster Presenter:* Camille Saumure (Fribourg, Switzerland)

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| I-C1.W.05 | <b>MOBILE PAIN TEAM FOR PATIENTS WITH INTELLECTUAL DISABILITIES AGED 0-25 YEARS: AN INNOVATIVE APPROACH</b> | 13:09 - 13:15 |
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*Poster Presenter:* Philippe Le Moine (Brest, France)

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| I-C1.W.06 | <b>BEHAVIORAL AND ELECTROPHYSIOLOGICAL INVESTIGATION OF PAIN THRESHOLDS AND AFFECTIVE PAIN PROCESSING IN ADULTS BORN PRETERM</b> | 13:15 - 13:21 |
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*Poster Presenter:* Alexiane De Munter (Brussels, Belgium)

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| I-C1.W.07 | <b>PERCEPTION OF PAIN EXPRESSED BY BABY CRIES: FROM ACOUSTICS TO NEURAL CORRELATES IN ADULT LISTENERS</b> | 13:21 - 13:27 |
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*Poster Presenter:* Siloé Corvin (Saint-Etienne, France)

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| I-C1.W.09 | <b>PREVALENCE OF AUTISM SPECTRUM DISORDER IN THE CHILDREN OF FIBROMYALGIA SYNDROME PATIENTS IS INCREASED RELATIVE TO OTHER TYPES OF CHRONIC PAIN</b> | 13:27 - 13:33 |
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*Poster Presenter:* Allegra Hirst (Liverpool, United Kingdom)

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| I-C1.W.10 | <b>PAIN AND FEAR IN PERIPHERAL VENOUS CANNULATION IN CHILDREN</b> | 13:33 - 13:39 |
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*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)

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| I-A2.W.01 | <b>COMPARISON OF THE FEMORAL NERVE RESPONSE AFTER NERVE STIMULATION IN DIABETIC AND NON-DIABETIC PATIENTS: A PILOT STUDY</b> | 12:45 - 12:51 |
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*Poster Presenter:* Olga Klavdianou (Athens, Greece)

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| I-A2.W.02 | <b>AGE-RELATED SOMATOSENSORY MODIFICATIONS: EVALUATION OF A-BETA, A-DELTA, AND C-FIBERS INTEGRITY THROUGH QUANTITATIVE SENSORIAL TESTING AND EVOKED POTENTIALS</b> | 12:51 - 12:57 |
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*Poster Presenter:* Elisa Mamino (Strasbourg, France)

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| I-A2.W.03 | <b>RELATIONSHIP BETWEEN CUTANEOUS VASODILATION AND HEAT PAIN TOLERANCE IN AGED TYPE 2 DIABETICS</b> | 12:57 - 12:57 |
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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 (Galway, Ireland)

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**      13:09 - 13:15



**PREDISPOSING FACTOR IN NEUROPATHIC PAIN***Poster Presenter:* Pauline Braconnier (Bruxelles, Belgium)

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| I-B1.W.07 | <b>CANNABINOID CB<sub>1</sub> RECEPTOR INVOLVEMENT IN THE BENEFICIAL EFFECTS OF ENRICHED ENVIRONMENT IN A RAT MODEL OF NEUROPATHIC PAIN?</b> | 13:15 - 13:21 |
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*Poster Presenter:* Annamária Liptáková (Braga, Portugal)

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| I-B1.W.08 | <b>A NEUROPSYCHOBIOLOGICAL STRESS-TRIGGERED SIGNATURE OF PAIN AND COMORBIDITY USING DATA FROM LARGE LONGITUDINAL AND CLINICAL SAMPLES</b> | 13:21 - 13:27 |
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*Poster Presenter:* Ginevra Sperandio (Kiel, Germany)

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| I-B1.W.09 | <b>IDENTIFICATION OF SUSCEPTIBILITY AND RESILIENCE FACTORS RELATED TO THE IMMUNE SYSTEM FOR CHRONIC PAIN AND ITS COMORBIDITY: EVIDENCE FROM ANIMAL AND HUMAN STUDIES</b> | 13:27 - 13:33 |
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*Poster Presenter:* Anh Le (Braga, Portugal)

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| I-B1.W.10 | <b>EXPLORING SEX DIFFERENCES IN EEG ACTIVITY AND BEHAVIOR IN A MURINE MODEL OF NEUROPATHIC PAIN: THE ANALGESIC AND ANTIDEPRESSANT EFFECTS OF NITROUS OXIDE</b> | 13:33 - 13:39 |
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*Poster Presenter:* Gemma González Hernández (Helsinki, Finland)*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; 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)

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| I-D2.W.01 | <b>REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION HINDERS FUNCTIONAL RECOVERY IN A SUBGROUP OF PATIENTS WITH CHRONIC LOW BACK PAIN AND CLINICAL FEATURES OF CENTRAL SENSITIZATION</b> | 12:45 - 12:45 |
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*Poster Presenter:* Hugo Massé-Alarie (Quebec City, Canada)

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| I-D2.W.02 | <b>ANALGESIC EFFECTS OF REPEATED TRANSCRANIAL MAGNETIC STIMULATION IN FIBROMYALGIA PATIENTS</b> | 12:45 - 12:45 |
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*Poster Presenter:* Abdul Ansari (Banke, Nepal)

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| I-D2.W.03 | <b>HOW CAN INDIVIDUALIZED TRANSCRANIAL ALTERNATING CURRENT STIMULATION (TACS) MODULATE PAIN PERCEPTION?</b> | 12:45 - 12:45 |
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*Poster Presenter:* Yaser Fathi Arateh (Brussels, Belgium)

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| I-D2.W.04 | <b>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</b> | 12:45 - 12:45 |
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*Poster Presenter:* Perianen Ramasawmy (Göttingen, Germany)

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| I-D2.W.05 | <b>MODULATION OF EVENT-RELATED POTENTIALS IN FIBROMYALGIA PATIENTS THROUGH 10HZ TRANSCRANIAL ALTERNATING CURRENT STIMULATION (TACS)</b> | 12:45 - 12:45 |
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*Poster Presenter:* Marta Delgado (Palma, Spain)

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| I-D2.W.06 | <b>CAN A SINGLE 2MA TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS) SESSION ENHANCE EXERCISE-INDUCED HYPOALGESIA (EIH) COMPARED TO SHAM IN INDIVIDUALS WITH KNEE OSTEOARTHRITIS (OA)?</b> | 12:45 - 12:45 |
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*Poster Presenter:* David Toomey (Auckland, New Zealand)

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| I-D2.W.07 | <b>USING TRANSCRANIAL DIRECT CURRENT STIMULATION TO REDUCE CHRONIC PAIN IN CLINICAL SETTING - CENTRAL SENSITIZATION AS A PREDICTOR?</b> | 12:45 - 12:45 |
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*Poster Presenter:* Marie-Philippe Harvey (Sherbrooke, Canada)

I-D2.W.08	<b>EFFECTS OF TDCS ON AFFECTIVE AND COGNITIVE PROCESSING IN HEALTHY INDIVIDUALS: PRELIMINARY RESULTS</b>	12:45 - 12:45
<i>Poster Presenter:</i> Behzad Rostami Sani (Palma de Mallorca, Spain)		
I-D2.W.09	<b>BRAIN OSCILLATIONS EVOKED BY DEEP TRANSCRANIAL MAGNETIC STIMULATION: TARGETING THE ANTERIOR CINGULATE AND POSTERIOR INSULAR CORTICES</b>	12:45 - 12:45
<i>Poster Presenter:</i> Bruno Andry Couto (Aalborg, Denmark)		
I-D2.W.10	<b>A RANDOMIZED, SHAM-CONTROLLED TRIAL OF NAVIGATED REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS) TARGETING PARIETAL OPERCULUM IN DEEP-PHENOTYPED PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME</b>	12:45 - 12:45
<i>Poster Presenter:</i> Eeva Mulo (Turku, Finland)		
<i>Guided Poster Walk</i>		
12:45 - 13:45	Forum 4&5: Exhibition & Poster Area (Level Forum)	
<b>A1. Intersection of Lived Experiences: Depression &amp; Chronic Pain</b>		
<i>Moderator:</i> Chris Djurtoft (Aalborg, Denmark)		
<i>Moderator:</i> Lance M. McCracken (Uppsala, Sweden)		
<i>Moderator:</i> Christopher Veal (Paris, France)		
I-A1.W.01	<b>EXAMINING CLINICALLY MEANINGFUL CHANGE IN PEDIATRIC CHRONIC PAIN TREATMENT ON OUTCOMES OF ANXIETY AND DEPRESSION</b>	12:45 - 12:51
<i>Poster Presenter:</i> Ellison Choate (Palo Alto, United States)		
I-A1.W.02	<b>6-WEEK PAIN EDUCATION GROUP THERAPY HELPS TO MANAGE DEPRESSION AND ANXIETY IN CHRONIC PAIN PATIENTS IN ESTONIA</b>	12:51 - 12:57
<i>Poster Presenter:</i> Annika Albert-Aksjonov (Tartu, Estonia)		
I-A1.W.03	<b>THE PSYCHOLOGY OF VISCERAL PAINS: EXPLORING WITH QUALITATIVE METHODS</b>	12:57 - 13:03
<i>Poster Presenter:</i> Amanda C. de C. Williams (London, United Kingdom)		
I-A1.W.04	<b>INCIDENCE AND PREVALENCE OF THE COMORBIDITY BETWEEN PSYCHOLOGICAL DISTRESS AND FUNCTION-LIMITING MUSCULOSKELETAL PROBLEMS</b>	13:03 - 13:09
<i>Poster Presenter:</i> Martina Nanteza (Stockholm, Sweden)		
I-A1.W.05	<b>SCREENING FOR DEPRESSION, ANXIETY, AND DISTRESS ASSOCIATED WITH LOW BACK PAIN. A SCOPING REVIEW</b>	13:09 - 13:15
<i>Poster Presenter:</i> Julie Sugrue (Limerick, Ireland)		
I-A1.W.06	<b>PSYCHOLOGICAL PROFILES OF CHRONIC PAIN PATIENTS</b>	13:15 - 13:21
<i>Poster Presenter:</i> Lilla Nemes-Farle (Szeged, Hungary)		
I-A1.W.07	<b>EXPLORING SELF-CONCEPT DIFFERENCES AMONG WOMEN WITH FIBROMYALGIA, MAJOR DEPRESSION AND HEALTHY WOMEN</b>	13:21 - 13:27
<i>Poster Presenter:</i> Miguel Montero-Escobedo (Barcelona, Spain)		
I-A1.W.08	<b>SLEEP, MEDICATION, AND HEALTH-RELATED QUALITY OF LIFE (HRQOL) OF CHRONIC PAIN PATIENTS IN TWO FINNISH TERTIARY PAIN CLINICS: A CROSS-SECTIONAL STUDY</b>	13:27 - 13:33
<i>Poster Presenter:</i> Jaakko Ilola (Helsinki, Finland)		
I-A1.W.09	<b>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.</b>	13:33 - 13:39
<i>Poster Presenter:</i> Thi Viet Hai Tran (Falmer, United Kingdom)		
I-A1.W.10	<b>THE ROLE OF SELF-COMPASSION IN CHRONIC PAIN AND</b>	13:39 - 13:45

**MENTAL HEALTH OUTCOMES**

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 Maciaczyk (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.06      **EFFICACY OF SPINAL CORD STIMULATION (SCS) ON QUALITY OF LIFE (QOL): A RETROSPECTIVE STUDY**      13:09 - 13:15

Poster Presenter: Alberto Merlini (Occhiobello, Italy)

I-C2.W.07      **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**      13:15 - 13:21

Poster Presenter: Nagy Mekhail (Cleveland, United States)

I-C2.W.08      **THERAPISTS' PERSPECTIVES ON A PERSONALIZED BIOPSYCHOSOCIAL REHABILITATION POST SPINAL CORD STIMULATION IMPLANTATION**      13:21 - 13:21

Poster Presenter: Dries Ceulemans (Gent, Belgium)

I-C2.W.09      **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**      13:21 - 13:27

Poster Presenter: Lisa Goudman (Brussels, Belgium)

I-C2.W.10      **EVALUATION OF A SINGLE-TIME E-HEALTH TOOL TO PREDICT EFFICACY OF SPINAL CORD STIMULATION IMPLANTATION IN CHRONIC PAIN PATIENTS**      13:27 - 13:33

Poster Presenter: 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)

<b>The fear from insight: Fearful responses to internal bodily sensations in adolescents with chronic pain and their relevance for conception of interoceptive exposure</b>		14:25 - 14:50
<i>Speaker:</i> Tanja Hechler (Münster, Germany)		
<b>Meditation and Interoception: Insights into Chronic Low Back Pain Relief</b>		14:50 - 15:15
<i>Speaker:</i> Fadel Zeidan (San Diego, United States)		
<b>Joint discussion</b>		15:15 - 15:30
<i>Debate Workshops</i>		
14:00 - 15:30	Forum 1 (Level Forum)	
<b>Debate: Work-Related Safety and Ergonomic Guidelines - A Barrier or Facilitator for Musculoskeletal Pain Care?</b>		
<i>Chair:</i> Michiel Reneman (Groningen, Netherlands)		
<b>Introduction to the topic of the debate</b>		14:00 - 14:05
<i>Speaker:</i> Michiel Reneman (Groningen, Netherlands)		
<b>What have we learnt from 50 years of research in ergonomics and spinal pain management?</b>		14:05 - 14:15
<i>Speaker:</i> Morten Hoegh (Aalborg, Denmark)		
<b>Recommendations to bridge ergonomic and clinical guidelines</b>		14:15 - 14:25
<i>Speaker:</i> Michiel Reneman (Groningen, Netherlands)		
<b>General Discussion with the Audience</b>		14:25 - 15:30
<i>Topical Workshops</i>		
14:00 - 15:30	Forum 2 (Level Forum)	
<b>Investigating Brain Networks Relevant to Emotional Pain Processing: Emphasis on Research in Special Pediatric and Adult Populations</b>		
<i>Chair:</i> Marina Lopez-Sola (Barcelona, Spain)		
<b>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</b>		14:00 - 14:25
<i>Speaker:</i> Marina Lopez-Sola (Barcelona, Spain)		
<b>Stressful experiences in childhood - Catalyst for vulnerability across pain-related brain regions and opportunity for intervention enhancement.</b>		14:25 - 14:50
<i>Speaker:</i> Sarah Nelson (Boston, United States)		
<b>The role of the hippocampus in pain - convergent evidence from pain in hippocampal dysfunction to hippocampal abnormalities in chronic pain</b>		14:50 - 15:15
<i>Speaker:</i> Massieh Moayedi (Toronto, Canada)		
<b>Joint discussion</b>		15:15 - 15:30
<i>Masterclass Course</i>		
14:00 - 15:30	Rhône 3AB (Level Rhône Pasteur)	
<b>Clinical Masterclass: Risk Factors for Developing Pain: Implications for Real-Life Clinical Practice.</b>		
<i>Chair:</i> Jan Vollert (Exeter, United Kingdom)		
<b>Pain and mental health ,À untangling a complex picture and vicious cycle</b>		14:00 - 14:20
<i>Speaker:</i> Jan Vollert (Exeter, United Kingdom)		
<b>How quality of sleep impacts pain mechanisms ,À an overview of clinical and experimental studies</b>		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**

14:36 - 14:48

**male mice***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&amp;5: Exhibition &amp; 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 Maciacyk (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)



	<b>Temporomandibular disorders: novel insight from behaviour, muscular imaging and neuroimaging</b>	16:00 - 16:20
<i>Speaker:</i> Iacopo Cioffi (Toronto, Canada)		
	<b>Sleep bruxism, OSA, and temporomandibular disorders: revising the concept of comorbidity</b>	16:20 - 16:40
<i>Speaker:</i> Maria Clotilde Carra (Paris, France)		
	<b>Temporomandibular disorders: the need for a multimodal approach</b>	16:40 - 17:00
<i>Speaker:</i> Sandro Palla (Zurich, Switzerland)		
II-C.09	<b>ARTIFICIAL INTELLIGENCE FOR DETECTING TEMPOROMANDIBULAR JOINT ABNORMALITIES USING PANORAMIC IMAGES: A SCREENING TOOL FOR MRI-DETECTED PATHOLOGIES</b>	17:00 - 17:10
<i>Poster Presenter:</i> Younjung Park (Seoul, Korea, Republic of)		
	<b>Joint discussion</b>	17:10 - 17:30
<i>Topical Workshops</i>		
17:45 - 19:15		Auditorium Lumière (Level Lumière)
<b>The Concept of Mixed Pain: Should We Update Pain Taxonomy?</b>		
<i>Chair:</i> Rainer Freynhagen (Feldafing, Germany)		
	<b>Introduction to mixed pain</b>	17:45 - 18:05
<i>Speaker:</i> Rainer Freynhagen (Feldafing, Germany)		
	<b>What is Mixed Pain? Do We Need an Additional Definition in Pain Taxonomy?</b>	18:05 - 18:25
<i>Speaker:</i> Andrea Truini (Rome, Italy)		
	<b>How to Detect Mixed Pain in Clinical Practice</b>	18:25 - 18:45
<i>Speaker:</i> Ralf Baron (Kiel, Germany)		
	<b>Does Mixed Pain Require a Dedicated Therapeutic Approach?</b>	18:45 - 19:05
<i>Speaker:</i> Bart Morlion (Leuven, Belgium)		
	<b>Joint discussion</b>	19:05 - 19:15
<i>Topical Workshops</i>		
17:45 - 19:15		Forum 1 (Level Forum)
<b>Translating Non-Invasive Neuromodulation into Clinical Practice in Chronic Pain (and Depression)</b>		
<i>Chair:</i> Giulia Liberati (Brussels, Belgium)		
	<b>Novel pain neuromodulation approaches inspired by the treatment of depression: real-time EEG-based TMS</b>	17:45 - 18:09
<i>Speaker:</i> Giulia Liberati (Brussels, Belgium)		
	<b>Non-invasive neuromodulation of one or more cortical targets and the effects on pain mechanisms and neurophysiological correlates</b>	18:09 - 18:33
<i>Speaker:</i> Thomas Graven-Nielsen (Aalborg, Denmark)		
	<b>How can we integrate non-invasive neuromodulation into the multimodal treatment of pain?</b>	18:33 - 18:57
<i>Speaker:</i> Markus Ploner (Munich, Germany)		
I-D.71	<b>PRE-SLEEP ALPHA BRAIN ENTRAINMENT BY AUDIO OR VISUAL STIMULATION FOR PAIN AND SLEEP DISTURBANCE IN FIBROMYALGIA: A SHAM-CONTROLLED RANDOMISED CROSSOVER FEASIBILITY TRIAL</b>	18:57 - 19:02
<i>Poster Presenter:</i> Stephen Halpin (Leeds, United Kingdom)		
	<b>Joint discussion</b>	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)

<b>Pharmacological Treatment of Opioid Use Disorder and Implications for Pain</b>	18:10 - 18:35
<i>Speaker:</i> Martin Trøstheim (Oslo, Norway)	
<b>Short- and Long-Term Effects of Opioid Receptor Drugs on Reward Behavior, Experience and Motivation</b>	18:35 - 19:00
<i>Speaker:</i> Marie Eikemo (Oslo, Norway)	
<b>Joint discussion</b>	19:00 - 19:15
<i>Host Society</i> 17:45 - 19:15	Salon Pasteur (Level Rhône Pasteur)
<b>French Touch: Crossed Views on Ocular Pain/<i>Regards Croisés sur la Douleur Oculaire</i></b>	
<i>Chair:</i> Geneviève Demarquay (Lyon, France)	
<i>Chair:</i> 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
<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 Dupoirion (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 Dupoirion (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
<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 MECHANOAISENSITIVE 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-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 CANCER PATIENTS STRESS LEVEL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Christine Mavrogiannopoulou (Heraklion, Greece)		
II-D-13	<b>COMPARISONS BETWEEN POST-ISOMETRIC RELAXATION</b>	12:30 - 12:30

# TECHNIQUE AND MYOFASCIAL RELEASE TECHNIQUE ON MUSCLE STIFFNESS AND PAIN IN INDIVIDUALS WITH BRUXISM

*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 Vanhauzenhuyse (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 Vanhauzenhuyse (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                    **EVALUATING THE EFFECTIVENESS OF A VIRTUAL REALITY-BASED LUMBAR AND CERVICAL SPINE SCHOOL PROGRAM**                    12:30 - 12:30

*Poster Presenter:* Hanife Abakay (Kayseri, Turkey)

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 "IKIKI REHABILITATION NOTEBOOK" IN PATIENTS WITH INTRACTABLE CHRONIC PAIN</b>	12:30 - 12:30

*Poster Presenter:* Shinji Kimura (Niigata-shi, Japan)

II-D-53                    **NARRATIVES IN MUSCULOSKELETAL PERSISTENT PAIN STATES  
AS A PRECIOUS TOOL FOR MODELLING THERAPEUTICAL  
JOURNEY: A CASE REPORT**                    12:30 - 12:30

*Poster Presenter:* Andrea Celso (Maniago (PN), Italy)

II-D-54                    **EMOTIONAL AWARENESS AND EXPRESSION THERAPY VS  
COGNITIVE BEHAVIOURAL THERAPY IN PATIENTS WITH  
CHRONIC PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS OF  
RANDOMIZED CONTROLLED TRIALS**                    12:30 - 12:30

*Poster Presenter:* Iuliana Teohar (Cluj-Napoca, Romania)

II-D-55                    **EVALUATING THE BENEFITS OF REDUCED DOSE BURDEN:  
DEXIBUPROFEN COMPARED TO IBUPROFEN IN PAIN  
MANAGEMENT FOR SELF-CARE -A LITERATURE REVIEW**                    12:30 - 12:30

*Poster Presenter:* Preeti Kachroo (Nyon, Switzerland)

II-D-56                    **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)**                    12:30 - 12:30

*Poster Presenter:* Rebecca Harding (Falmer, United Kingdom)

II-D-58                    **DEVELOPING AN EDUCATIONAL PODCAST ON FIBROMYALGIA**                    12:30 - 12:30

*Poster Presenter:* Mariana Pereira Ribeiro (São Paulo, Brazil)

II-D-59                    **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**                    12:30 - 12:30

*Poster Presenter:* Michelle Briggs (Liverpool, United Kingdom)

II-D-60                    **"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**                    12:30 - 12:30

*Poster Presenter:* Andrea Celso (Maniago (PN), Italy)

II-D-61                    **SUCCESSFUL USE OF ALFENTANIL AND LACOSAMIDE TO TREAT  
TOTAL PAIN IN END-STAGE MOTOR NEURONE DISEASE  
ALLOWING HEALING AND TRANSFORMATION**                    12:30 - 12:30

*Poster Presenter:* Wilhelm Freiherr von Hornstein (Cullies H12 E5C7, Ireland)

II-D-62                    **DIGITAL METHADONE CONVERTER: SIMPLIFYING CANCER PAIN  
MANAGEMENT THROUGH PROTOCOL COMPARISON AND  
PRESCRIPTION SUPPORT**                    12:30 - 12:30

*Poster Presenter:* Erwan Treillet (Paris, France)

II-D-64                    **CAN MEDICAL CANNABIS HELP TREAT NEUROPATHIC PAIN AND  
OPIOID USE DISORDERS IN ADOLESCENTS? A CASE REPORT**                    12:30 - 12:30

*Poster Presenter:* Ilona Batko (Cracow, Poland)

II-D-65                    **OPIOID TREATMENT AND OPIOPHOBIA AMONG HEALTH  
PROFESSIONALS IN KOSOVO**                    12:30 - 12:30

*Poster Presenter:* Adem Bytyqi (Prizren, Albania)

II-D-66                    **POSTOPERATIVE PAIN MODULATION AND CORRELATION WITH  
OXIDATIVE STRESS AND INFLAMMATION BIOMARKERS IN  
SURGICALLY TREATED PATIENTS WITH LARYNGEAL CANCER**                    12:30 - 12:30

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

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	<b>THE USE OF DULOXETINE IN A PEDIATRIC PATIENT WITH PHANTOM LIMB PAIN: CASE REPORT AND REVIEW OF THE LITERATURE</b>	12:30 - 12:30
<i>Poster Presenter:</i> Emmanuela Koutoulaki (Heraklion, Greece)		
II-D-72	<b>N-PALMITOYL-D-GLUCOSAMINE REDUCES PAIN BEHAVIOUR AND INFLAMMATION IN EXPERIMENTAL DYSBIOSIS CONDITION</b>	12:30 - 12:30
<i>Poster Presenter:</i> Antimo Fusco (Naples, Italy)		
II-D-74	<b>PARACETAMOL SHIFT; EMBRACING ORAL PREMEDICATION IN PERI-OPERATIVE CARE</b>	12:30 - 12:30
<i>Poster Presenter:</i> Eleanor Watson (Basingstoke, United Kingdom)		
II-D-75	<b>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</b>	12:30 - 12:30
<i>Poster Presenter:</i> Mariëlle Eerdekens (Aachen, Germany)		
II-D-76	<b>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</b>	12:30 - 12:30
<i>Poster Presenter:</i> Denis Dupoirion (Angers, France)		
II-D-77	<b>ANALGESIC AND ANTI-INFLAMMATORY EFFECTS OF CYCLODEXTRIN DERIVATIVES IN ACUTE PAIN ANIMAL MODELS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Andrea Nehr-Majoros (Pécs, Hungary)		
II-D-78	<b>THE ANALGESIC EFFECT OF BOTULINUM TOXIN TYPE A (BTXA) IN RAT KNEE OSTEOARTHRITIS (OA) MODEL AND POTENTIAL MECHANISM</b>	12:30 - 12:30
<i>Poster Presenter:</i> Pei Chun Hsieh (Tainan, Taiwan, China)		
II-D-79	<b>THE ANTINOCICEPTIVE EFFICACY OF TRAMADOL - MAGNESIUM COMBINATION IN AN INFLAMMATORY MODEL OF PAIN IN RATS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Dragana Srebro (Belgrade, Serbia)		
II-D-80	<b>SQUALENE-BASED NANOPARTICLES FOR THE TREATMENT OF CANCER-INDUCED BONE PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Adélaïde Le Franc (Paris, France)		
II-D-81	<b>NEW PHARMACOLOGICAL INSIGHT INTO ETANERCEPT AND PREGABALIN IN ALLODYNIA AND NOCICEPTION: BEHAVIORAL STUDIES IN A MURINE NEUROPATHIC PAIN MODEL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Loulwah Alothman (Riyadh, Saudi Arabia)		
II-D-82	<b>MODIFIED RELEASE OPIOID STEWARDSHIP</b>	12:30 - 12:30
<i>Poster Presenter:</i> Katharine Wall (London, United Kingdom)		
II-D-84	<b>MELATONIN FOR CHRONIC BACK PAIN (THE MOCHA TRIAL): A STUDY PROTOCOL FOR A RANDOMIZED, DOUBLE BLIND, PLACEBO-CONTROLLED TRIAL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Kübra Kilic (Odense, Denmark)		
II-D-85	<b>INCOBOTULINUMTOXINA (A BONT/A) REDUCED SIGNIFICANTLY INFLAMMATION RELATED PAIN BEHAVIOUR AND EXPRESSION OF INFLAMMATORY CYTOKINES IN CFA MODEL IN RATS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Jens Nagel (Frankfurt Main, Germany)		

## Posters

12:30 - 14:00

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

**A. Pain Syndromes**

II-A.01	<b>BODY PERCEPTION IN FIBROMYALGIA SYNDROME</b>	12:30 - 12:30
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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.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)

- II-A.12                    **PROPRIOCEPTION : POSTURAL ANALYSIS, A NEW NEUROPHYSIOLOGICAL APPROACH**                    12:30 - 12:30

Poster Presenter: Leïla Bousbaïne Van de Kerckhove (Paris, France)

- II-A.14                    **MEMORY AND PAIN: LOWER MEMORY PERFORMANCE IS RELATED TO ENHANCED PAIN CONDITIONING IN MIGRAINE**                    12:30 - 12:30

Poster Presenter: Mariana Agostinho (Haifa, Israel)

- II-A.16                    **HUMAN ASSUMED CENTRAL SENSITIZATION IN INTERICTAL MIGRAINE: A SYSTEMATIC REVIEW AND META-ANALYSIS**                    12:30 - 12:30

Poster Presenter: Elise Cnockaert (Ghent, Belgium)

- II-A.17                    **"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**                    12:30 - 12:30

Poster Presenter: Vibeke Bull Sellevold (Oslo, Norway)

- II-A.19                    **TREATMENT MODALITIES FOR PATIENTS WITH PERSISTENT SPINAL PAIN SYNDROME TYPE II: A NETWORK META-ANALYSIS**                    12:30 - 12:30

Poster Presenter: Lisa Goudman (Brussels, Belgium)

- II-A.20                    **RISK FACTORS FOR THE DEVELOPMENT OF CHRONIC POSTOPERATIVE INGUINAL PAIN: A SYSTEMATIC REVIEW AND**                    12:30 - 12:30

**META- ANALYSIS PROTOCOL***Poster Presenter:* Lydia Roper (Exeter, United Kingdom)

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| II-A.21 | <b>PREOPERATIVE SUSCEPTIBILITY TO DEVELOPING SECONDARY HYPERALGESIA IS ASSOCIATED WITH POST-THORACOTOMY PAIN AT TWO MONTHS</b> | 12:30 - 12:30 |
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*Poster Presenter:* Solenn Gousset (Brussels, Belgium)

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| 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 |
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*Poster Presenter:* Jesper Bie Larsen (Aalborg, Denmark)

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| 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 |
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*Poster Presenter:* Lucas Vasconcelos Lima (Montreal, Canada)

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| II-A.28 | <b>MAXIMAL INSPIRATORY PRESSURE AND EXERCISE-INDUCED INSPIRATORY MUSCLE FATIGUE IN CHRONIC NONSPECIFIC LOW BACK PAIN</b> | 12:30 - 12:30 |
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*Poster Presenter:* Sim Klaps (Hasselt, Belgium)

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

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

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| II-A.31 | <b>NEUROPATHIC PAIN AND FRAGILITY OSTEOPOROTIC FRACTURES</b> | 12:30 - 12:30 |
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*Poster Presenter:* 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 |
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*Poster Presenter:* Snezana Tomasevic-Todorovic (Novi Sad, Serbia)

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| 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 |
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*Poster Presenter:* Micheline Koerich (Florianópolis, Brazil)

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| 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 |
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*Poster Presenter:* Micheline Koerich (Florianópolis, Brazil)

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| II-A.36 | <b>REASSESSING THE ROLE OF ROUTINE RADIOGRAPHS AFTER SPINAL FUSION SURGERY</b> | 12:30 - 12:30 |
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*Poster Presenter:* Olivier Nachtergaele (Leuven, Belgium)

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| 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 |
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*Poster Presenter:* George McNamee (Coventry, United Kingdom)

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| II-A.38 | <b>VIRTUALLY PAINLESS: CODESIGNING A VIRTUAL REALITY NATURE-BASED INTERVENTION FOR CHRONIC LOW BACK PAIN</b> | 12:30 - 12:30 |
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*Poster Presenter:* Alexander Smith (Plymouth, United Kingdom)

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| II-A.39 | <b>ANXIETY, DEPRESSION AND PAIN SELF-EFFICACY IN INDIVIDUALS WITH CHRONIC LOW BACK PAIN AND SYMPTOMS</b> | 12:30 - 12:30 |
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### OF CENTRAL SENSITIZATION: A COMPARATIVE CROSS-SECTIONAL STUDY

Poster Presenter: Sevinc Akdeniz (Izmir, Turkey)

II-A.40                    **A SURVEY ON SCREENING FOR DEPRESSION IN LOW BACK PAIN BY IRISH CLINICAL SPECIALIST PHYSIOTHERAPISTS WORKING IN MUSCULOSKELETAL TRIAGE**                    12:30 - 12:30

Poster Presenter: Julie Sugrue (Limerick, Ireland)

II-A.41                    **CHALLENGES AND POTENTIAL SOLUTIONS TO SCREENING FOR DEPRESSION IN A LOW BACK PAIN POPULATION. A QUALITATIVE EXPLORATION OF IRISH MUSCULOSKELETAL TRIAGE PHYSIOTHERAPISTS**                    12:30 - 12:30

Poster Presenter: Julie Sugrue (Limerick, Ireland)

II-A.43                    **TOPICAL AMITRIPTYLINE IN BURNING MOUTH SYNDROME: A RETROSPECTIVE REAL-WORLD EVIDENCE STUDY**                    12:30 - 12:30

Poster Presenter: Ashley Lebel (Paris, France)

II-A.44                    **NEUROPATHIC FACIAL PAIN: TRIGEMINAL NEUROPATHY (TNO) OR TRIGEMINAL NEURALGIA (TN)? FIRST DIAGNOSTIC STEPS BY VPT (VERY POINT TECHNIQUE) DERIVED FROM ACUPUNCTURE**                    12:30 - 12:30

Poster Presenter: Ute Kock (Vienna, Austria)

II-A.45                    **TRIGEMINAL NEURALGIA WITH AUTONOMIC SYMPTOMS**                    12:30 - 12:30

Poster Presenter: Hyunseong Kim (Seoul, Korea, Republic of)

II-A.46                    **INDIVIDUALS WITH TEMPOROMANDIBULAR DISORDERS AND NECK DISABILITY PRESENTED MORE SYMPTOMS RELATED TO CENTRAL SENSITIZATION**                    12:30 - 12:30

Poster Presenter: Luana Mendes (Ribeirão Preto, Brazil)

II-A.48                    **PATHOPHYSIOLOGY OF SUBACROMIAL PAIN SYNDROME: CONTRIBUTIONS OF JOINT STRUCTURAL CHANGES AND PAIN SENSITIZATION**                    12:30 - 12:30

Poster Presenter: Takafumi Hattori (Kobe, Japan)

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 Işıkçı (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 Bilevciciute-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-Bieleśzuk (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

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**                    12:30 - 12:30

**MODULATION USING THE NOCICEPTIVE BLINK REFLEX***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:* Cándida 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.22                    **RELATIONSHIP BETWEEN UPPER EXTREMITY MUSCLE  
PRESSURE PAIN THRESHOLDS WITH PAIN, FUNCTION, AND  
SLEEP QUALITY IN ROTATOR CUFF INJURIES**                    12:30 - 12:30

*Poster Presenter:* Faruk Tanik (İzmir, Turkey)

- II-C.23                    **INNOVATIVE APPLICATION OF MAGNETIC RESONANCE IMAGE  
SEGMENTATION OF THE PELVIC MUSCLES IN THE DIAGNOSIS  
OF CHRONIC LOW BACK PAIN**                    12:30 - 12:30

*Poster Presenter:* Wiktoria Frącz (Poznan, Poland)

- II-C.24                    **HOW TO EXPERIMENTALLY INDUCE AND OBJECTIVELY  
MEASURE PAIN-RELATED FEAR OF MOVEMENT - A SCOPING  
REVIEW**                    12:30 - 12:30

*Poster Presenter:* Larissa Pagels (Luebeck, Germany)

- II-C.25                    **ELECTROMYOGRAPHIC ACTIVITY IN REFERRED PAIN REGIONS  
DURING PROLONGED DRY NEEDLING OF GLUTEUS MINIMUS:  
POTENTIAL INDICATOR OF CENTRAL SENSITIZATION**                    12:30 - 12:30

*Poster Presenter:* Jakub Matuska (Poznań, Poland)

- II-C.26                    **PSYCHOPHYSIOLOGICAL CORRELATES OF PAIN INTENSITY IN  
HEALTHY VOLUNTEERS**                    12:30 - 12:30

*Poster Presenter:* Faidra Papanikolaou (Copenhagen, Denmark)

- II-C.27                    **THE RELATIONSHIP BETWEEN PAIN MODULATION AND  
PREDICTION ERRORS DURING SECONDARY HYPERALGESIC  
STATES: A NOVEL VIRTUAL REALITY PROTOCOL**                    12:30 - 12:30

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

- II-C.28                    **THE IMPACT OF SARCOPENIA ON CERVICAL  
MECHANOSENSITIVITY AND KINESIOPHOBIA IN GERIATRIC  
INDIVIDUALS RESIDING IN NURSING HOMES**                    12:30 - 12:30

*Poster Presenter:* Beyzanur Doğanbaz (Ankara, Turkey)

- II-C.29                    **PAIN INTEROCEPTION ASSESSMENT**                    12:30 - 12:30

*Poster Presenter:* Ludivine Lahaeye (Bruxelles, Belgium)

- II-C.30                    **EVALUATION OF ASSESSMENT TOOLS FOR EARLY DETECTION OF  
CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY IN**                    12:30 - 12:30

**BREAST CANCER PATIENTS TREATED WITH TAXANES***Poster Presenter:* Carsten Dahl Mørch (Aalborg, Denmark)

II-C.31                    **PAIN AND FUNCTIONAL DISABILITY IN PATIENTS WITH PROGRESSIVE FORMS OF MULTIPLE SCLEROSIS**                    12:30 - 12:30

*Poster Presenter:* Sindi Mitrovic (Belgrade, Serbia)

II-C.32                    **THE USE OF YELLOW FLAG SCREENING TOOLS BY AUSTRIAN PHYSIOTHERAPISTS IN THE MANAGEMENT OF MUSCULOSKELETAL-ASSOCIATED PAIN**                    12:30 - 12:30

*Poster Presenter:* Markus Kopfauf (Pinkafeld, Austria)

II-C.33                    **VALIDATING THE EXPERIENCE OF COGNITIVE INTRUSION OF PAIN WHEN DRIVING SCALE (ECIP-D): A CONFIRMATORY FACTOR ANALYSIS STUDY**                    12:30 - 12:30

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

II-C.35                    **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**                    12:30 - 12:30

*Poster Presenter:* Hana I. Alsobayel (Riyadh, Saudi Arabia)

II-C.36                    **EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN RESILIENCE AND MENTAL HEALTH IN BRAZILIAN PATIENTS WITH CHRONIC PAIN**                    12:30 - 12:30

*Poster Presenter:* Barbara Maria Müller (São Paulo, Brazil)

II-C.37                    **THE PRESENCE OF PAIN IN LOWER LIMB LYMPHOEDEMA: RELATIONSHIP WITH SEVERITY OF OEDEMA, FUNCTION, ANXIETY, DEPRESSION AND QUALITY OF LIFE**                    12:30 - 12:30

*Poster Presenter:* Ege Nur Atabey Gerlegiz (Ankara, Turkey)

II-C.38                    **PERCEIVED PARENTING STYLES AND INCIDENCE, PERSISTENCE AND REMISSION OF CHRONIC PAIN IN MID-LIFE IN THE GENERAL POPULATION**                    12:30 - 12:30

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

II-C.39                    **CHRONIC PAIN INTENSITY PREDICTS LONG-TERM DEPRESSIVE DISORDERS IN OLDER COMMUNITY-DWELLERS**                    12:30 - 12:30

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

II-C.40                    **ASSESSING SELF-REPORTED FEAR OF MOVEMENT IN CHRONIC LOW BACK PAIN: HOW SPECIFIC SHOULD WE BE?**                    12:30 - 12:30

*Poster Presenter:* Thomas Matheve (Ghent, Belgium)

II-C.41                    **NOT ALL PREGNANCY-RELATED PAINS ARE THE SAME: A COMPREHENSIVE ASSESSMENT OF FACTORS ASSOCIATED WITH DE NOVO CHRONIC PAIN IN PREGNANCY**                    12:30 - 12:30

*Poster Presenter:* Lisandra Stein Bernardes (Hjørring, Denmark)

II-C.43                    **RELATIONSHIP BETWEEN PAIN SYMPTOMS IN ADOLESCENTS AND FAMILY FUNCTIONALITY**                    12:30 - 12:30

*Poster Presenter:* Saša Bole (Ljubljana, Slovenia)

II-C.44                    **ACCURACY OF SCREENING FOR ANXIETY IN PATIENTS WITH CHRONIC NECK AND/OR SHOULDER PAIN WITHIN PHYSIOTHERAPY PRACTICES**                    12:30 - 12:30

*Poster Presenter:* Ana Ramalho (Leuven, Belgium)

II-C.45                    **RELIABILITY AND VALIDITY OF THE DUTCH BODILY THREAT MONITORING SCALE IN BREAST CANCER SURVIVORS**                    12:30 - 12:30

*Poster Presenter:* Marthe Van Overbeke (Antwerp, Belgium)

II-C.46                    **THE RELATIONSHIP BETWEEN PAIN TOLERANCE AND PAIN BELIEFS IN ELITE LEVEL VOLLEYBALL PLAYERS: A PROSPECTIVE COHORT STUDY**                    12:30 - 12:30



**CHOLERA": CRITICAL DISCOURSE ANALYSIS OF BELGIAN POLICY REGARDING OPIOID PRESCRIPTION FOR CHRONIC NON-CANCER PAIN**

*Poster Presenter:* Lena De Bonte (Ghent, Belgium)

II-B.14                    **A FEEDBACK REPORT FROM A PAIN CENTER SPECIALIZED IN MENTAL HEALTH**                    12:30 - 12:30

*Poster Presenter:* Juliette Grison-Curinier (Lyon, France)

II-B.15                    **CRITICAL REFLECTIONS ON ESTABLISHING PUBLIC INVOLVEMENT FOR A CHRONIC PAIN RESEARCH CONSORTIUM**                    12:30 - 12:30

*Poster Presenter:* Sharon Grieve (Bath, United Kingdom)

II-B.16                    **PAIN AND COGNITIVE FUNCTIONING: THE ROLE OF EFFORT**                    12:30 - 12:30

*Poster Presenter:* Britt Di Vita (Ghent, Belgium)

II-B.17                    **THE ROLE OF PAIN EXPECTANCY AND ITS CONFIDENCE IN PLACEBO HYPOALGESIA AND NOCEBO HYPERALGESIA**                    12:30 - 12:30

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

II-B.18                    **THE DYNAMICS OF COPING WITH CHRONIC PAIN - A THEORETICAL MODEL AND SYSTEMATIC REVIEW**                    12:30 - 12:30

*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.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&amp;5: Exhibition &amp; 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)

II-A2.W.01

**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**

12:45 - 12:51

Poster Presenter: Jan Mehnert (Hamburg, Germany)

II-A2.W.02

**ROLE OF INTERLEUKIN-6 IN MIGRAINE CHRONIFICATION AND SUGGESTED TH17/REGULATORY T CELL IMBALANCE IN MIGRAINE PATHOPHYSIOLOGY**

12:51 - 12:57

Poster Presenter: Emily Stuchfield-Denby (Clermont-Ferrand, France)

II-A2.W.03

**CONTRIBUTION OF THE SATELLITE GLIAL CELLS IN PACAP-INDUCED MIGRAINE-LIKE SYMPTOMS**

12:57 - 12:57

Poster Presenter: Mathis Hocine (Clermont-Ferrand, France)

II-A2.W.04

**DECREASED INTRACORTICAL INHIBITION IN PATIENTS WITH HEMIPLEGIC MIGRAINE - A TRANSCRANIAL MAGNETIC STIMULATION (TMS) STUDY**

12:57 - 13:03

Poster Presenter: Geneviève Demarquay (Lyon, France)

II-A2.W.05

**CLINICAL CASE OF REFRACTORY CHRONIC MIGRAINE TO BOTULINUM TOXIN TYPE A AND MONOCLONAL ANTIBODIES**

13:03 - 13:09

Poster Presenter: Aleksandr Peshkin (Moscow, Russian Federation)

II-A2.W.06

**PURPLE CORN ANTHOCYANINS PREVENT THE PROGRESSION OF MULTIPLE SCLEROSIS-ASSOCIATED TRIGEMINAL PAIN: ROLE OF GLIAL CELLS**

13:09 - 13:15

Poster Presenter: Benedetta Riboldi (Milan, Italy)

II-A2.W.07

**MIGRAINE: THE EFFECT OF COLD PRESSOR ON PAIN INTENSITY OF MIGRAINE - WHETHER COLD COULD RELIEVE MIGRAINE OR NOT?**

13:15 - 13:21

Poster Presenter: Tzu-Ying Chuang (Kunshan, China)

II-A2.W.08

**THE BAYESIAN BRAIN HYPOTHESIS AND MIGRAINE PAIN**

13:21 - 13:27

Poster Presenter: Mariana Agostinho (Haifa, Israel)

II-A2.W.09

**THE EFFECTIVENESS OF CONNECTIVE TISSUE MANIPULATION IN ADOLESCENTS WITH TENSION-TYPE HEADACHE: A PILOT, RANDOMIZED, CONTROLLED STUDY**

13:27 - 13:33

Poster Presenter: Emine Baran (Ankara, Turkey)

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
<i>Poster Presenter:</i> Juliana Pradela (Ribeirão Preto, Brazil)		
<i>Guided Poster Walk</i>		
12:45 - 13:45	Forum 4&5: Exhibition & Poster Area (Level Forum)	
<b>D1. Digital Interventions For Chronic Pain</b>		
<i>Moderator:</i> Jules Phalip (Clermont-Ferrand, France)		
<i>Moderator:</i> Indre Bilevciciute-Ljungar (Stockholm, Sweden)		
<i>Moderator:</i> Sara Laureen Bartels (Maastrich, Netherlands)		
II-D1.W.01	<b>EASYCOG: A DIGITAL COGNITIVE SELF-ASSESSMENT TOOL FOR CHRONIC PAIN PATIENTS</b>	12:45 - 12:51
<i>Poster Presenter:</i> Lisa Hadri (Strasbourg, France)		
II-D1.W.02	<b>SUPPORTING SELF-MANAGEMENT THROUGH EHEALTH - EXPLORING THE NEEDS, CHALLENGES AND SOLUTIONS IN GENERAL PRACTICE: A QUALITATIVE AND PARTICIPATORY DESIGN STUDY</b>	12:51 - 12:57
<i>Poster Presenter:</i> Chris Djurtoft (Aalborg, Denmark)		
II-D1.W.03	<b>THE EFFECTS OF TELEREHABILITATION ON PAIN, STRENGTH AND BALANCE IN ADULT PATIENTS WITH KNEE OSTEOARTHRITIS: A SYSTEMATIC REVIEW OF THE LITERATURE</b>	12:57 - 13:03
<i>Poster Presenter:</i> George Georgoudis (Athens, Greece)		
II-D1.W.04	<b>CHAIR YOGA VIA TELEREHABILITATION IN THE ELDERLY: EFFECTS ON PAIN, SLEEP QUALITY AND QUALITY OF LIFE</b>	13:03 - 13:09
<i>Poster Presenter:</i> Gul Deniz Yilmaz Yelvar (İstanbul, Turkey)		
II-D1.W.05	<b>“HOW CAN AN APP POSSIBLY HELP WITH PHYSICAL PAIN?” - EXPERIENCES OF USING THE CURABLE APP FOR CHRONIC PAIN</b>	13:09 - 13:15
<i>Poster Presenter:</i> Elisha Doi (Middlesbrough, United Kingdom)		
II-D1.W.06	<b>A CONNECTED WEARABLE TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION DEVICE IMPROVES PAIN MANAGEMENT, PHYSICAL ACTIVITY, AND DRUG CONSUMPTION IN PATIENTS WITH PAINFUL KNEE OSTEOARTHRITIS</b>	13:15 - 13:21
<i>Poster Presenter:</i> Laurence Goigoux (Paris, France)		
II-D1.W.07	<b>TO EXPLORE THE SMARTPHONE APP USE HABITS AND PREFERENCE AMONG COMMUNITY-DWELLING OLDER ADULTS WITH CHRONIC PAIN</b>	13:21 - 13:27
<i>Poster Presenter:</i> Zi Ji Chen (Hong Kong, Hong Kong)		
II-D1.W.08	<b>INDIVIDUAL-LEVEL EFFECTS OF A DIGITAL BEHAVIORAL INTERVENTION FOR CHRONIC PAIN: A SINGLE-CASE EXPERIMENTAL DESIGN STUDY AND PROOF-OF-CONCEPT</b>	13:27 - 13:33
<i>Poster Presenter:</i> Haya Al Sharaa (Stockholm, Sweden)		
II-D1.W.09	<b>USING CO-DESIGN TO DEVELOP GAMIFICATION PAIN MANAGEMENT PROGRAM TO ADDRESS CLIENTS WITH CHRONIC PAIN</b>	13:33 - 13:39
<i>Poster Presenter:</i> He Jiafan (Kowloon, Hong Kong)		
II-D1.W.10	<b>EXPLORING THE USE AND PERCEPTION OF VIRTUAL REALITY FOR CHRONIC PAIN MANAGEMENT: A MIXED METHODS STUDY</b>	13:39 - 13:45
<i>Poster Presenter:</i> Xenia Porta (Barcelona, Spain)		



*Guided Poster Walk*

12:45 - 13:45

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

**A1. Rheumatoid Arthritis and Osteoarthritis***Moderator:* Hans-Georg Schaible (Jena, Germany)*Moderator:* Stephanie Smith (Nottingham, United Kingdom)

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| II-A1.W.01 | <b>PRE- AND EARLY POSTOPERATIVE PROGNOSTIC FACTORS FOR PAIN INTENSITY AFTER TOTAL HIP ARTHROPLASTY: PRELIMINARY RESULTS OF THE HIPPROCLIPS-TRIAL</b> | 12:45 - 12:51 |
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*Poster Presenter:* Abner Sergooris (Hasselt, Belgium)

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| II-A1.W.02 | <b>INSOMNIA PREVALENCE AND ASSOCIATED CHARACTERISTICS IN PATIENTS WITH OSTEOARTHRITIS: DATA FROM THE GOOD LIFE WITH OSTEOARTHRITIS IN DENMARK (GLA:D®) REGISTRY</b> | 12:51 - 12:51 |
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*Poster Presenter:* Jonas Bloch Thorlund (Odense M, Denmark)

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| II-A1.W.03 | <b>TRANSCRIPTOMIC ANALYSIS OF PERIPHERAL BLOOD MONONUCLEAR CELLS REVEALS PAIN- AND INFLAMMATION-SPECIFIC GENES IN DIFFICULT-TO-TREAT RHEUMATOID ARTHRITIS PATIENTS</b> | 12:51 - 12:57 |
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*Poster Presenter:* Lilla Gunkl-Tóth (Pécs, Hungary)

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| II-A1.W.04 | <b>FUNCTIONAL MRI IDENTIFIES ALTERED PAIN-RELATED BRAIN ACTIVATION AND CONNECTIVITY PATTERNS IN DIFFICULT-TO-TREAT RHEUMATOID ARTHRITIS</b> | 12:57 - 13:03 |
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*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.09 | <b>INVOLVEMENT OF IL-16 IN TNF-A-INDUCED INFLAMMATORY PAIN</b> | 13:21 - 13:27 |
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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> | 13:27 - 13:27 |
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*Poster Presenter:* Stephanie Smith (Nottingham, United Kingdom)*Guided Poster Walk*

12:45 - 13:45

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

**II. Guided Poster Walks***Guided Poster Walk*

12:45 - 13:45

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

**C2. Sleep-Pain Interactions***Moderator:* Walter Magerl (Mannheim, Germany)*Moderator:* Hannah Schmidt (Tübingen, Germany)

II-C2.W.01	<b>SLEEP DISRUPTIONS &amp; IMMUNE MARKERS PREDICT LONGITUDINAL PAIN OUTCOMES FOLLOWING ORTHOPEDIC SURGERY</b>	12:45 - 12:51
<i>Poster Presenter:</i> Nicholas Giordano (Atlanta, United States)		
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
<i>Poster Presenter:</i> Thomas Bilterys (Brussel, Belgium)		
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
<i>Poster Presenter:</i> Alexandru Berki-Stir (Brussels, Belgium)		
II-C2.W.04	<b>DISRUPTED CONNECTIVITY IN LARGE-SCALE BRAIN NETWORKS IS ASSOCIATED WITH COGNITIVE DECLINE IN OLDER ADULTS WITH CHRONIC PAIN</b>	13:03 - 13:09
<i>Poster Presenter:</i> Alejandro Dorado (Palma, Spain)		
II-C2.W.05	<b>MENSTRUAL CYCLE PHASES: IMPACT ON SLEEP QUALITY, DURATION, AND PAIN CATASTROPHIZING IN PRIMARY DYSMENORRHEA</b>	13:09 - 13:15
<i>Poster Presenter:</i> Gamze Nalan Çinar (Ankara, Turkey)		
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
<i>Poster Presenter:</i> Nicole Tacugue (Boston, United States)		
II-C2.W.07	<b>THE IMPACT OF SLEEP AND GUT MICROBIOTA ON PAIN : PRELIMINARY RESULTS</b>	13:21 - 13:27
<i>Poster Presenter:</i> Gwenaëlle Mievis (Brussels, Belgium)		
II-C2.W.08	<b>THE EFFECT OF SLEEP DEPRIVATION ON PLACEBO HYPOALGESIA INDUCED BY OBSERVATIONAL LEARNING</b>	13:27 - 13:33
<i>Poster Presenter:</i> Izabela Łaska (Poland)		
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
<i>Poster Presenter:</i> Aske Hostrup Graversen (Aalborg, Denmark)		
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
<i>Poster Presenter:</i> 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)

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
<i>Poster Presenter:</i> Joy Thomas (Saint-Etienne, France)		
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
<i>Poster Presenter:</i> Antonio Gil-Ugidos (Santiago de Compostela, Spain)		

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
<i>Poster Presenter:</i> Denis Dupoirion (Angers, France)		
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
<i>Poster Presenter:</i> Mariëlle Eerdekens (Aachen, Germany)		
II-D2.W.05	<b>SCREENING FOR CHRONIC NEUROPATHIC PAIN AFTER SURGERY: DN4 COMPARED TO THE DN2</b>	13:09 - 13:15
<i>Poster Presenter:</i> Debora Hofer (Bern, Switzerland)		
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 STUDY</b>	13:15 - 13:21
<i>Poster Presenter:</i> Tommaso Cavicchi (Rome, Italy)		
II-D2.W.08	<b>REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION AS NEUROPATHIC PAIN TREATMENT FOR SMALL FIBER NEUROPATHY (MAGIC-SFN): STUDY CONCEPT AND OUTLOOK</b>	13:21 - 13:27
<i>Poster Presenter:</i> Anna Baumann (Aachen, Germany)		
II-D2.W.09	<b>GABAPENTINOIDS USE AND ABUSE IN THE NEUROPATHIC PAIN UNIT SETTING</b>	13:27 - 13:33
<i>Poster Presenter:</i> Enrico Evangelisti (Rome, Italy)		
II-D2.W.10	<b>PAVING THE WAY FOR A NEW LOCAL PERIPHERAL NEUROPATHIC PAIN TREATMENT: PROOF-OF-CONCEPT CLINICAL TRIAL WITH INCOBOTULINUMTOXINA (PAINT)</b>	13:33 - 13:39
<i>Poster Presenter:</i> Nadine Attal (Boulogne Billancourt, France)		

*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; 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	<b>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</b>	12:45 - 12:51
<i>Poster Presenter:</i> Ágnes Király (Pécs, Hungary)		
II-B1.W.02	<b>EVALUATING THE EFFICACY OF HEART RATE VARIABILITY BIOFEEDBACK TRAINING ON EXPERIMENTAL PAIN: A POTENTIAL NON-INVASIVE APPROACH FOR PAIN MANAGEMENT</b>	12:51 - 12:57
<i>Poster Presenter:</i> Sandra Kobaiter Maarrawi (Beirut, Lebanon)		
II-B1.W.03	<b>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</b>	12:57 - 13:03
<i>Poster Presenter:</i> Teah Douglas (London, United Kingdom)		
II-B1.W.04	<b>THE RELATIONSHIP BETWEEN EMOTIONAL DISTRESS AND PAIN SEVERITY IN CHRONIC PAIN - A ROLE FOR INTEROCEPTION?</b>	13:03 - 13:09
<i>Poster Presenter:</i> Gadi Gilam (Jerusalem, Israel)		
II-B1.W.05	<b>ROLE OF HEMOKININ-1 IN STRESS-INDUCED PAIN MOUSE MODELS</b>	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	<b>SLEEP DISORDERS IN PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME</b>	13:15 - 13:21
<i>Poster Presenter:</i> Iana Andreieva (Warsaw, Poland)		
II-B2.W.10	<b>AMPUTATION DESIRE IS RESOLVED FOLLOWING INTERDISCIPLINARY REHABILITATION IN LONGSTANDING COMPLEX REGIONAL PAIN SYNDROME: A CASE STUDY</b>	13:21 - 13:27
<i>Poster Presenter:</i> Marc Aureli Pique Batalla (Bristol, United Kingdom)		
<i>Guided Poster Walk</i>		
12:45 - 13:45	Forum 4&5: Exhibition & Poster Area (Level Forum)	
<b>C1. Neuroimaging &amp; Neurophysiology-Based Biomarkers Of Pain</b>		
<i>Moderator:</i> Camille Fauchon (Clermont-Ferrand, France)		
<i>Moderator:</i> Laura Malaguti Modernell (Lyon, France)		
<i>Moderator:</i> Florian Chouchou (Saint Denis, France)		
<i>Moderator:</i> Etienne Vachon-Preseau (Montreal, Canada)		
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
<i>Poster Presenter:</i> Chiara Leu (Brussels, Belgium)		
II-C1.W.02	<b>NEURAL CORRELATES OF AFFECTIVE SYMPTOMS IN JUVENILE FIBROMYALGIA: A MULTISENSORY FMRI STUDY</b>	12:51 - 12:57
<i>Poster Presenter:</i> Laura Martín Herrero (Barcelona, Spain)		
II-C1.W.03	<b>ELECTROENCEPHALOGRAPHIC PEAK ALPHA FREQUENCY AS A PREDICTOR OF SECONDARY HYPERALGESIA</b>	12:57 - 13:03
<i>Poster Presenter:</i> Márcia da-Silva (Braga, Portugal)		
II-C1.W.04	<b>STRUCTURAL AND FUNCTIONAL BRAIN SIGNAL COUPLING IN YOUTH WITH CHRONIC MUSCULOSKELETAL PAIN</b>	13:03 - 13:09
<i>Poster Presenter:</i> Saül Pascual-Díaz (Barcelona, Spain)		
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
<i>Poster Presenter:</i> Kung-Hui Chiang (Jena, Germany)		
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
<i>Poster Presenter:</i> Eoin Kelleher (Oxford, United Kingdom)		
II-C1.W.07	<b>DIFFERENTIAL PAIN EMPATHY IN FIBROMYALGIA AND MAJOR DEPRESSIVE DISORDER: A VICARIOUS PAIN FMRI STUDY</b>	13:21 - 13:27
<i>Poster Presenter:</i> Maria Suñol (Barcelona, Spain)		
II-C1.W.08	<b>THE FORECAST STUDY: LONGITUDINAL RESULTS FROM BASELINE TO 3 MONTH FOLLOW UP</b>	13:27 - 13:33
<i>Poster Presenter:</i> Lucy Ridgway (Oxford, United Kingdom)		
II-C1.W.09	<b>ICTAL AND INTERICTAL CLUSTER HEADACHE NEUROIMAGING: A PET/MR STUDY USING THE NEW AGONIST 5-HT1A RADIOPHARMACEUTICAL [18F]F13640</b>	13:33 - 13:39
<i>Poster Presenter:</i> Geneviève Demarquay (Lyon, France)		
II-C1.W.10	<b>COGNITIVE FATIGABILITY AND NEURONAL CORRELATES IN CHRONIC PAIN - A CROSS SECTIONAL FMRI STUDY</b>	13:39 - 13:45
<i>Poster Presenter:</i> 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)**Phenotyping chronic pain in population studies, and measuring associations with mental health**

14:00 - 14:30

*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	<b>SEROTONERGIC TONE AND EXTRACRANIAL PRESSURE PAIN THRESHOLDS ARE SURROGATES OF RESPONSE TO PAIN EDUCATION IN CHRONIC MIGRAINE PATIENTS</b>	16:29 - 16:34
<i>Oral Abstract Presenter:</i> Daniele Lovattini (Milan, Italy)		
	<b>General Discussion with the Audience</b>	16:34 - 17:30
<i>Masterclass Course</i>		
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>		
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>		
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

Speaker: Kristian Kjær-Staal Petersen (Aalborg, Denmark)

**Joint discussion**

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
 <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)	
 <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
 <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.12 | <b>PREDICTIVE MODELING FOR POSTOPERATIVE PAIN MANAGEMENT IN TOTAL KNEE ARTHROPLASTY: HARNESSING ARTIFICIAL INTELLIGENCE FOR PERSONALIZED CARE</b> | 12:30 - 12:30 |
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Poster Presenter: Anissa Belbachir (Paris, France)

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| III-C.13 | <b>VERIFICATION OF INTERVALS BETWEEN PRETEST STIMULI THAT DO NOT AFFECT EXERCISE-INDUCED HYPOALGESIA</b> | 12:30 - 12:30 |
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*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 CARE IN THE SOUTH OF NETHERLAND, TO SUPPORT THE RIGHT CARE FOR THE RIGHT PATIENT AT THE RIGHT PLACE**                    12:30 - 12:30

*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**                    12:30 - 12:30

**FRENCH EDOL NATIONAL COHORT AFTER 3 YEARS***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 Mugglestone (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 SPATIAL PERCEPTION DURING TONIC EXPERIMENTAL PAIN: A PILOT FMRI PROTOCOL**      12:30 - 12:30

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

- III-C.46      **RECOMMENDATIONS FOR DEVELOPMENT, IMPLEMENTATION AND REPORTING OF TRANSLATIONAL CHRONIC PAIN TRIALS -A**      12:30 - 12:30

### MULTIDISCIPLINARY, INTERNATIONAL DELPHI-CONSENSUS PROCESS FROM THE IT-PAIN CONSORTIUM

*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.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)

III-D.12      **LONGITUDINAL OUTCOME EVALUATIONS OF INTERDISCIPLINARY MULTIMODAL PAIN TREATMENT PROGRAMS FOR PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN: A LIVING SYSTEMATIC REVIEW**      12:30 - 12:30

*Poster Presenter:* Elise Cnockaert (Ghent, Belgium)

III-D.13      **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**      12:30 - 12:30

*Poster Presenter:* Yuho Okita (Melbourne, Australia)

III-D.14      **CLINICAL SUPERVISORS EXPERIENCE TEACHING PHYSIOTHERAPY STUDENTS TO SCREEN FOR SERIOUS PATHOLOGY - A FOCUS GROUP STUDY**      12:30 - 12:30

*Poster Presenter:* Gert Værgø Østergaard (Aalborg, Denmark)

- III-D.15                    **EFFECTIVENESS OF PILATES AND KINESIOTAPE IN OFFICE WORKERS WITH CHRONIC NECK PAIN: A RANDOMIZED CONTROLLED SINGLE-BLIND PILOT STUDY**                    12:30 - 12:30

*Poster Presenter:* Ali Mutlu (Mersin, Turkey)

- III-D.18                    **EFFECTIVE PHYSIOTHERAPY INTERVENTIONS FOR REDUCING PAIN AFTER BURN INJURY: A SYSTEMATIC REVIEW**                    12:30 - 12:30

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

- III-D.20                    **IN-DEPTH ANALYSIS OF COMBINED MOTOR LEARNING AND BEHAVIOR CHANGE STRATEGIES TO ENHANCE MOVEMENT BEHAVIOR IN PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN**                    12:30 - 12:30

*Poster Presenter:* Matthijs Tuijt (Zwolle, Netherlands)

- III-D.21                    **EVALUATING THE EFFECTIVENESS OF COMBINED MOTOR LEARNING AND BEHAVIOR CHANGE STRATEGIES FOR MOVEMENT BEHAVIOR IN CHRONIC MUSCULOSKELETAL PAIN: A SYSTEMATIC REVIEW**                    12:30 - 12:30

*Poster Presenter:* Ingrid van Duijvenbode (Amsterdam, Netherlands)

- III-D.24                    **PHYSICAL THERAPY INTERVENTION IN PEOPLE WITH ANXIETY-DEPRESSION SYMPTOMS PRESENTING CHRONIC PAIN: A CASE SERIES**                    12:30 - 12:30

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

- III-D.25                    **PAIN MANAGEMENT AND EXPERIENCES IN SPINAL CORD INJURY: INSIGHTS FROM PATIENTS AND HEALTH-CARE PROFESSIONALS**                    12:30 - 12:30

*Poster Presenter:* Emmanuelle Opsommer (Lausanne, Switzerland)

- III-D.26                    **EFFECTS OF EXPERIMENTALLY INDUCED LOCAL AND NONLOCAL ACUTE PAIN ON LUMBAR MOVEMENT CONTROL**                    12:30 - 12:30

*Poster Presenter:* Beate Schüssler (Lübeck, Germany)

- III-D.27                    **THE CONSISTENCY OF THE ANALGESIC PLACEBO-RESPONSE ACROSS TIME AND PARADIGMS - RESULTS FROM A SHAM RANDOMIZED CLINICAL TRIAL OF CHRONIC-BACK-PAIN PATIENTS**                    12:30 - 12:30

*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 Brączyk (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**                    12:30 - 12:30

**HYDROMORPHONE FOR PATIENTS UNDERGOING  
LAPAROSCOPIC CHOLECYSTECTOMY: A SYSTEMATIC REVIEW  
AND META-ANALYSIS**

*Poster Presenter:* Xingying He (Shanghai, China)

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  
PAIN MANAGEMENT PROGRAM FOR AUTISTIC CHILDREN**      12:30 - 12:30

*Poster Presenter:* Rachel Fitzpatrick (Galway, Ireland)

III-D.44      **ACCEPTANCE AND COMMITMENT THERAPY (ACT) FOR  
PAEDIATRIC CHRONIC NONCANCER PAIN: A SYSTEMATIC  
REVIEW**      12:30 - 12:30

*Poster Presenter:* Elena R. Serrano-Ibáñez (Malaga, Spain)

III-D.46      **TRAINING PSYCHOLOGISTS IN PAIN REPROCESSING THERAPY: A  
PILOT STUDY ON THERAPIST PROFICIENCY, INTERVENTION  
QUALITY AND PATIENT OUTCOMES**      12:30 - 12:30

*Poster Presenter:* Guro Løseth (Oslo, Norway)

III-D.48      **PATIENTS' PERSPECTIVE ON STRENGTHS AND WEAKNESSES OF  
THE BERN AMBULATORY INTERPROFESSIONAL  
REHABILITATION (BAI-REHA), A MULTIMODAL PROGRAM FOR  
PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN**      12:30 - 12:30

*Poster Presenter:* Colette Widmer Leu (Bern, Switzerland)

III-D.49      **EFFECTS OF PHYSICAL ACTIVITY ON NEUROPATHIC PAIN  
PREVALENCE AND INTENSITY: SYSTEMATIC REVIEW AND META-  
ANALYSIS**      12:30 - 12:30

*Poster Presenter:* Angélique Hardy (Lyon, France)

III-D.50      **POTENTIAL ROLE OF BDNF IN THE ANALGESIC EFFECT OF A  
VIRTUAL WALKING AND THERAPEUTIC EXERCISE-BASED  
INTERVENTION IN PEOPLE WITH INCOMPLETE SPINAL CORD  
INJURY**      12:30 - 12:30

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

III-D.51      **TRANSCRANIAL DIRECT CURRENT STIMULATION IN PEOPLE  
WITH PATELLAR TENDINOPATHY. A PILOT STUDY**      12:30 - 12:30

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

- III-D.52                    **INTEGRATING PATIENTS WITH A RARE DISEASE IN ESTABLISHED PAIN REHABILITATION PROGRAMMES - EXPERIENCES FROM A FEASIBILITY STUDY CONDUCTED WITH PATIENTS WITH SKELETAL DYSPLASIAS**                    12:30 - 12:30

Poster Presenter: Ariane Kwiet (Bjørnemyr, Norway)

- III-D.53                    **INTERDISCIPLINARY PAIN REHABILITATION WITH LANGUAGE INTERPRETERS FOR MIGRANT PATIENTS WITH CHRONIC PAIN: A LONG-TERM FOLLOW-UP**                    12:30 - 12:30

Poster Presenter: Karin Uhlin (Stockholm, Sweden)

- III-D.54                    **A NOVEL FORM OF TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION FOR DYSESTHESIAS CAUSED BY SPINAL CORD INJURY: RANDOMIZED N-OF-1 TRIAL**                    12:30 - 12:30

Poster Presenter: Yuki Nishi (Nagasaki, Japan)

- III-D.56                    **MECHANISM OF PAIN SCIENCE EDUCATION IN INDIVIDUALS AFTER TOTAL KNEE REPLACEMENT: CAUSAL MEDIATION ANALYSIS**                    12:30 - 12:30

Poster Presenter: Yuta Tomooka (Fukuoka, Japan)

- III-D.57                    **EFFECTIVENESS OF COGNITIVE FUNCTIONAL THERAPY (CFT) FOR CHRONIC SPINAL PAIN: A SYSTEMATIC REVIEW WITH META-ANALYSIS**                    12:30 - 12:30

Poster Presenter: Matteo Cioeta (Campobasso, Italy)

- III-D.58                    **MEANINGFUL CONTRIBUTIONS OF REHABILITATION FOR PEOPLE WITH PERSISTENT PAIN; A REFLEXIVE THEMATIC ANALYSIS**                    12:30 - 12:30

Poster Presenter: Roland R. Reezigt (Groningen, Netherlands)

- III-D.59                    **LOW-LEVEL LASER THERAPY AMELIORATED ACUTE PAIN BY REGULATING M1/M2 MACROPHAGES IN THE ACUTE PHASE OF CARRAGEENAN-INDUCED ARTHRITIS IN RATS**                    12:30 - 12:30

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 Secorún (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.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 SYSTEMATIC REVIEW WITH META-ANALYSIS**                    12:30 - 12:30

*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.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&5: Exhibition & Poster Area (Level Forum)

#### Lunch Break

#### Posters

12:30 - 14:00

Forum 4&5: Exhibition & 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  
SEVERITY, PHYSICAL FUNCTIONING, DISABILITY AND  
WELLBEING IN INDIVIDUALS WITH CHRONIC NON-CANCER  
PAIN**                    12:30 - 12:30

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	<b>IMPULSIVITY, PSYCHOLOGICAL FLEXIBILITY AND INFLEXIBILITY AS PREDICTORS OF OPIOID MISUSE IN CHRONIC PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Victoria Barrado-Moreno (Málaga, Spain)		
III-B.13	<b>BODY POSTURE INFLUENCES EVOKED PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Dolores Santiago (Jaén, Spain)		
III-B.15	<b>REFLECTION OF SIP PORTUGAL ON THE ISSUE OF CHRONIC PAIN: HOW TO PUT THE SOCIETAL IMPACT OF PAIN ON THE POLITICAL AGENDA</b>	12:30 - 12:30
<i>Poster Presenter:</i> Maria Teresa Flor-de-Lima (Ponta Delgada, Portugal)		
III-B.16	<b>FUNCTIONAL CONNECTIVITY BETWEEN CORTICAL NETWORKS AS A PREDICTOR OF AROUSAL TO NOXIOUS STIMULI DURING SLEEP</b>	12:30 - 12:30
<i>Poster Presenter:</i> Hélène Bastuji (Lyon, France)		
III-B.17	<b>NEURONAL CIRCUIT MECHANISMS OF PAIN-ANXIETY COMORBIDITY IN THE MOUSE ANTERIOR CINGULATE CORTEX</b>	12:30 - 12:30
<i>Poster Presenter:</i> Mario A. Acuna (Bern, Switzerland)		
III-B.18	<b>SENSORY THALAMUS SOMATOTOPY: INPUTS FROM DIRECTIONAL DEEP BRAIN STIMULATION IN CHRONIC PAIN PATIENTS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Denys Fontaine (Nice, France)		
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>ANTIPRURITIC 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 MECHANOLINSENSITIVE 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
<i>Poster Presenter:</i> Luis Constandil (Santiago, Chile)		
III-B.35	<b>INVESTIGATING THE TIME COURSE OF NOCICEPTIVE MAPPING WITH CONTACT-HEAT EVOKED POTENTIALS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Avgustina Kuzminova (Brussels, Belgium)		
III-B.37	<b>HUMAN A-BETA NOCICEPTORS BECOME BRUSH-RESPONSIVE DURING INFLAMMATION: IMPLICATIONS FOR TACTILE ALLODYNIA</b>	12:30 - 12:30
<i>Poster Presenter:</i> Otmene Bouchatta (Linköping, Sweden)		
III-B.38	<b>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.</b>	12:30 - 12:30
<i>Poster Presenter:</i> Martine Verwoerd (Utrecht, Netherlands)		
III-B.39	<b>CAN THE SPREAD OF PAIN BE DETERMINED BY CLASSICAL CONDITIONING?</b>	12:30 - 12:30
<i>Poster Presenter:</i> Wacław Adamczyk (Katowice, Poland)		
III-B.40	<b>BIOLOGICAL RESPONSE TO EXPERIMENTAL PAIN USING A NON-OBSERVED CONTINUOUS BLOOD PRESSURE MONITOR</b>	12:30 - 12:30
<i>Poster Presenter:</i> Aya Nakae (Soraku-gun, Japan)		
III-B.41	<b>THE INFLUENCE OF EXECUTIVE FUNCTION IN THE MAINTENANCE OF HIGH IMPACT CHRONIC PAIN: A UK BIOBANK LONGITUDINAL ANALYSIS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Anna Gibby (Bath, United Kingdom)		

*Posters*

12:30 - 14:00

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

**A. Pain Syndromes**

III-A.01	<b>HOW DOES SUSTAINED OPIOID EXPOSURE WORSEN CHRONIC OSTEOARTHRITIS PAIN IN FEMALES? MECHANISTIC STUDIES IN A TRANSLATIONAL RODENT MODEL</b>	12:30 - 12:30
<i>Poster Presenter:</i> Stephen Woodhams (Nottingham, United Kingdom)		
III-A.03	<b>PAIN AND EVERYDAY CHALLENGES OF HYPERMOBILITY IN</b>	12:30 - 12:30

**PEOPLE WITH HYPERMOBILITY SPECTRUM DISORDER (HSD) OR  
HYPERMOBILITY EHLERS DANLOS SYNDROME (HEDS)**

*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                    **LIPEDEMA 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	<b>EXERCISE-INDUCED HYPOALGESIA IN BOTH LOCAL AND REMOTE BODY AREAS ARE HIGHER IN MEN WITH CHRONIC NECK PAIN THAN IN WOMEN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Giovanna Laura Neves Antonio Gaban (São Carlos, Brazil)		
III-A.20	<b>SYMPTOM PROFILE IN PATIENTS WITH WHIPLASH-ASSOCIATED DISORDER</b>	12:30 - 12:30
<i>Poster Presenter:</i> Niklas Särkilahti (Turku, Finland)		
III-A.21	<b>EXERCISE DURATION, MUSCLE PAIN INTENSITY, AND TYPE OF EXERCISE DID NOT PREDICT EXERCISE-INDUCED HYPOALGESIA IN INDIVIDUALS WITH CHRONIC NECK PAIN</b>	12:30 - 12:30
<i>Poster Presenter:</i> Giovanna Laura Neves Antonio Gaban (São Carlos, Brazil)		
III-A.22	<b>INVESTIGATION OF RESPIRATORY FUNCTION, RESPIRATORY MUSCLE STRENGTH, ENDURANCE AND POSTURAL CONTROL IN INDIVIDUALS WITH NON-SPECIFIC CHRONIC NECK PAIN AND DIFFERENT SEVERITY OF DISABILITIES</b>	12:30 - 12:30
<i>Poster Presenter:</i> Beyza Tanrıöğen (Istanbul, Turkey)		
III-A.23	<b>NECK PAIN AND PSYCHOLOGICAL DISTRESS IN ITALIAN UNIVERSITY STUDENTS: A CROSS-SECTIONAL STUDY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Matteo Cioeta (Campobasso, Italy)		
III-A.26	<b>EXPLORING THE CONNECTION BETWEEN CHRONIC PAIN AND MENTAL HEALTH IN CANADIAN VETERANS: A NARRATIVE INQUIRY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Umair Majid (Toronto, Canada)		
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
<i>Poster Presenter:</i> Martin Trøstheim (Oslo, Norway)		
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
<i>Oral Abstract Presenter:</i> Renske Annevelink (Rotterdam, Netherlands)		
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
<i>Poster Presenter:</i> Nida Lalecan (Ankara, Turkey)		
III-A.31	<b>DYSPAREUNIA: A MECHANISM-BASED CLINICAL APPROACH TO DIAGNOSIS AND TREATMENT</b>	12:30 - 12:30
<i>Poster Presenter:</i> Tali Sahar (Montréal, Canada)		
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
<i>Poster Presenter:</i> Tihana Böhm (Zagreb, Croatia)		
III-A.33	<b>EXPLORING THE INTERPLAY BETWEEN CATASTROPHIZING AND ENDOMETRIOSIS PAIN THROUGH TWO-WAVE AND INTENSIVE LONGITUDINAL DATA</b>	12:30 - 12:30
<i>Poster Presenter:</i> Marcelo de França Moreira (Rio de Janeiro, Brazil)		
III-A.34	<b>PSYCHOLOGICAL PROFILES IN PATIENTS WITH PAINFUL ENDOMETRIOSIS</b>	12:30 - 12:30
<i>Poster Presenter:</i> Saara Pasternack (Helsinki, Finland)		

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
<i>Poster Presenter:</i> Hakim Bourra (Paris, France)		
III-A.37	<b>MULTIDISCIPLINARY MANAGEMENT OF POSTHERPETIC NEURALGIA OF THE TRIGEMINAL NERVE, OPHTHALMIC BRANCH: A CASE REPORT</b>	12:30 - 12:30
<i>Poster Presenter:</i> Irays Desiree Corro Castro (Palma, Spain)		
III-A.39	<b>PERIPHERAL NEUROPATHY ASSOCIATED WITH METRONIDAZOLE THERAPY: A CASE REPORT</b>	12:30 - 12:30
<i>Poster Presenter:</i> Sofia Pouloupoulou (Athens, Greece)		
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
<i>Poster Presenter:</i> Matteo Cioeta (Campobasso, Italy)		
III-A.41	<b>INVOLVEMENT OF MEMBRANE REMODELING IN BORTEZOMIB-INDUCED PERIPHERAL NEUROPATHY</b>	12:30 - 12:30
<i>Poster Presenter:</i> Océane Parente Teixeira (Clermont-Ferrand, France)		
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 MANIPULATION 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)		

*Industry Sessions and Workshops*

12:45 - 13:45

Forum 2 (Level Forum)

**Industry Sponsored Session**

*Guided Poster Walk*

12:45 - 13:45

Forum 4&amp;5: Exhibition &amp; 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:<br/>ANALYZING PERIOPERATIVE BIOPSYCHOSOCIAL PHENOTYPES<br/>AND THEIR RELATIONSHIP TO PAIN ON LONG TERM</b> | 12:45 - 12:51 |
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*Poster Presenter:* Amber De Groote (Wilrijk, Belgium)

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| III-B1.W.02 | <b>THE ASSOCIATION OF ATTENTION BIAS AND TASK DEMANDS<br/>WITH EXPERIMENTAL PAIN SENSITIVITY AND AUTONOMIC<br/>RECOVERY</b> | 12:51 - 12:57 |
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*Poster Presenter:* Einav Gozansky (Haifa, Israel)

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| III-B1.W.03 | <b>SOCIAL PREDICTIONS IN CHRONIC PAIN</b> | 12:57 - 13:03 |
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*Poster Presenter:* Juan V. Luciano (Barcelona, Spain)

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| III-B1.W.04 | <b>EARLY-LIFE ADVERSITY PREDICTING THE INCIDENCE OF<br/>MULTISITE CHRONIC PAIN IN THE GENERAL POPULATION</b> | 13:03 - 13:09 |
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*Poster Presenter:* Isabelle Rouch (Saint-Etienne and Bordeaux, France)

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| III-B1.W.05 | <b>DEVELOPMENT OF A SEMANTIC DATABASE FOR BUILDING<br/>PSYCHOSOCIAL MODELS OF CHRONIC PAIN</b> | 13:09 - 13:15 |
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*Poster Presenter:* Amanda Lillywhite (Bath, United Kingdom)

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| III-B1.W.06 | <b>PSYCHOLOGICAL CORRELATES OF PAINKILLER MISUSE</b> | 13:15 - 13:21 |
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*Poster Presenter:* Petra Examilioti (Sheffield, United Kingdom)

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| III-B1.W.07 | <b>COMPARING AND DISTINGUISHING PLACEBO HYPOALGESIA<br/>AND NOCEBO HYPERALGESIA INDUCED BY OBSERVATIONAL<br/>LEARNING</b> | 13:21 - 13:27 |
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*Poster Presenter:* Amelia Jankowska (Kraków, Poland)

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| III-B1.W.08 | <b>SOCIAL INFLUENCES IN THE EXPERIENCE OF TRANSITION TO<br/>OR FROM LONG-TERM (CHRONIC) PAIN: A META-SYNTHESIS OF<br/>QUALITATIVE RESEARCH STUDIES</b> | 13:27 - 13:33 |
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*Poster Presenter:* Samantha Stone (Bristol, United Kingdom)

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| III-B1.W.09 | <b>BORDERS THAT HURT: THE GLOBAL SPREAD OF ANTI-<br/>IMMIGRATION ATTITUDES LINKED TO THE EPIDEMIC OF<br/>CHRONIC PAIN IN ADOLESCENCE</b> | 13:33 - 13:39 |
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*Poster Presenter:* Josep Roman-Juan (Calgary, Canada)

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| III-B1.W.10 | <b>HOW DO PSYCHOSOCIAL ASPECTS OF EVERYDAY LIFE<br/>INFLUENCE CHRONIC PAIN TRANSITIONS?</b> | 13:39 - 13:45 |
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*Poster Presenter:* 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<br/>CONTROL PAIN AND NEUROINFLAMMATION IN A MODEL OF<br/>FABRY DISEASE</b> | 12:45 - 12:45 |
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*Poster Presenter:* Giulia Galimberti (Milan, Italy)

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| III-D1.W.02 | <b>PRECLINICAL DEVELOPMENT OF SST4-TARGETED ANALGESICS</b> | 12:45 - 12:45 |
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*Poster Presenter:* Valéria Tékus (Pécs, Hungary)

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| III-D1.W.03 | <b>COMPOUND A, A NOVEL DUAL MU AND KAPPA OPIOID</b> | 12:45 - 12:45 |
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**RECEPTOR AGONIST, DEMONSTRATES A POTENT ANALGESIC EFFECTS COMPARABLE TO OXYCODONE WITHOUT REINFORCING EFFECT IN MONKEYS**

*Poster Presenter:* Kana Yasufuku (Osaka, Japan)

III-D1.W.04      **SAFETY, PHARMACOKINETIC AND PHARMACODYNAMIC EFFECTS OF ODM-111, A SELECTIVE NAV1.8 INHIBITOR: A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL IN HEALTHY PARTICIPANTS**      12:45 - 12:45

*Poster Presenter:* Valtteri Aho (Espoo, Finland)

III-D1.W.05      **SIGMA-1 RECEPTOR INHIBITION REDUCES RHEUMATOID ARTHRITIS PAIN**      12:45 - 12:45

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

III-D1.W.06      **DOLONERSEN, A NOVEL THERAPEUTIC APPROACH BASED ON THE USE OF AN ANTISENSE OLIGONUCLEOTIDE TO RELIEVE PAIN SYMPTOMS OF CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY**      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	<b>URBAN GREEN SPACES AND SUNLIGHT: GEOGRAPHIC ANALYSIS OF POTENTIAL REMEDIES FOR CHRONIC WIDESPREAD PAIN IN OLDER ADULTS</b>	13:03 - 13:09
<i>Poster Presenter:</i> Keiko Yamada (Tokyo, Japan)		
III-A2.W.07	<b>THE HIDDEN CRISIS: CHRONIC PAIN AND ITS ASSOCIATION WITH FAMILY AND OLDER ADULTS ABUSE</b>	13:09 - 13:15
<i>Poster Presenter:</i> Naoki Mizunuma (Tokyo, Japan)		
III-A2.W.08	<b>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</b>	13:15 - 13:21
<i>Poster Presenter:</i> Nigel Armfield (Brisbane, Australia)		
III-A2.W.09	<b>RELATIONSHIP BETWEEN PAIN SEVERITY AND COGNITIVE STATUS, PERIPHERAL MUSCLE STRENGTH, FALL RISK AND PROPRIOCEPTION IN THE ELDERLY</b>	13:21 - 13:27
<i>Poster Presenter:</i> Tugba Dere (Yozgat, Turkey)		
III-A2.W.10	<b>DEVELOPING QUALITY INDICATORS FOR THE PHARMACOLOGICAL MANAGEMENT OF CHRONIC NON-CANCER PAIN IN OLDER PATIENTS: A RAND/UCLA DELPHI STUDY</b>	13:27 - 13:33
<i>Poster Presenter:</i> Aljoscha Goetschi (Bern, Switzerland)		
<i>Guided Poster Walk</i>		
12:45 - 13:45		Forum 4&5: Exhibition & Poster Area (Level Forum)
<b>A1. Neurobiological Interplay Between Emotions And Chronic Pain, With A Focus On Sexual Dimorphism</b>		
<i>Moderator:</i> Esther Berrocso (Cadiz, Spain)		
<i>Moderator:</i> David Finn (Galway, Ireland)		
III-A1.W.01	<b>DECODING CHRONIC PAIN-INDUCED DEPRESSION CIRCUITRY</b>	12:45 - 12:51
<i>Poster Presenter:</i> Khaled Abdallah (Strasbourg, France)		
III-A1.W.02	<b>MAPPING PAIN PERCEPTION PATHWAYS: SINGLE-NEURON CALCIUM TRACKING HIGHLIGHTS ANTERIOR PARAVENTRICULAR NUCLEUS' DUAL INFLUENCE ON SENSORY AND AFFECTIVE PAIN</b>	12:51 - 12:57
<i>Poster Presenter:</i> Wei-Hsin Chen (Taiwan, China)		
III-A1.W.03	<b>INFLUENCE OF ESTROUS CYCLE AND HORMONES 17B-ESTRADIOL AND PROGESTERONE ON NEUROPATHIC PAIN</b>	12:57 - 13:03
<i>Poster Presenter:</i> Natasha Farias Marques (São Paulo, Brazil)		
III-A1.W.04	<b>MOLECULAR AND CELLULAR ALTERATIONS IN THE DORSAL RAPHE NUCLEUS IN THE COMORBIDITY OF CHRONIC PAIN AND MOOD DISORDERS</b>	13:03 - 13:09
<i>Poster Presenter:</i> Enora Langlois (Strasbourg, France)		
III-A1.W.05	<b>CHRONIC JOINT PAIN AND EMOTIONAL COMORBIDITIES - TARGETING THE STRESS-REGULATOR FKBP51 TO COMBAT IT ALL</b>	13:09 - 13:15
<i>Poster Presenter:</i> Sara Hestehave (Copenhagen N, Denmark)		
III-A1.W.06	<b>INVOLVEMENT OF THE TAIL OF THE VENTRAL TEGMENTAL AREA (TVTA) IN THE PROCESSING OF NOCICEPTIVE INFORMATION</b>	13:15 - 13:21
<i>Poster Presenter:</i> Margot Villechalane (Strasbourg, France)		
III-A1.W.07	<b>ANALGESIC EFFICACY OF CONDITIONED PAIN MODULATION, HYPNOSIS AND PLACEBO - DO MEN AND WOMEN RESPOND DIFFERENTLY?</b>	13:21 - 13:27
<i>Poster Presenter:</i> Marie-Philippe Harvey (Sherbrooke, Canada)		
III-A1.W.08	<b>ANALYSIS OF THE VAL158MET POLYMORPHISM (COMT GENE) IN</b>	13:27 - 13:33

### **FIBROMYALGIA PATIENTS SUGGESTS IMPLICATIONS FOR DOPAMINE SYSTEM ALTERATIONS**

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

### **D2. Physical Activity and Chronic Pain**

*Moderator:* Natasha S. Hinwood (Dublin, Ireland)

*Moderator:* Huan-Ji Dong (Linköping, Sweden)

III-D2.W.01      **THE EFFECTS OF EXERCISE ON HEART RATE VARIABILITY IN PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN: A SYSTEMATIC REVIEW**      12:45 - 12:51

*Poster Presenter:* Timo Meus (Hasselt, Belgium)

III-D2.W.02      **THE EFFECTS OF EXERCISE THERAPY ON RETURN TO WORK IN CHRONIC NON-SPECIFIC LOW BACK PAIN: A SYSTEMATIC REVIEW**      12:51 - 12:57

*Poster Presenter:* Julie Sylvie van Eetvelde (Wilrijk, Belgium)

III-D2.W.03      **SHORT-TERM HYPOALGESIA FOLLOWED BY HYPERALGESIA AFTER AEROBIC PHYSICAL EXERCISE IN HEALTHY INDIVIDUALS**      12:57 - 13:03

*Poster Presenter:* Florian Chouchou (Saint Denis, France)

III-D2.W.04      **LONG-TERM EFFECTS OF SPINAL CORD STIMULATION COMBINED WITH PHYSIOTHERAPIST-LED EXERCISE AND PHYSICAL ACTIVITY ON PRESCRIPTION FOR CHRONIC NEUROPATHIC PAIN**      13:03 - 13:09

*Poster Presenter:* Raquel Gottfridsson (Gothenburg, Sweden)

III-D2.W.05      **THE EFFECTIVENESS OF A NON-SUPERVISED HOME-BASED EXERCISE TRAINING, IN THE MANAGEMENT OF CHRONIC LOW BACK PAIN PATIENTS**      13:09 - 13:15

*Poster Presenter:* Kyriakos - Martinos Petropoulakos (Lamia, Greece)

III-D2.W.06      **A FEASIBILITY STUDY OF INTEGRATING NEURAL MOBILIZATION TECHNIQUES INTO A PHYSICAL EXERCISE PROGRAM FOR OLDER ADULTS WITH CHRONIC MUSCULOSKELETAL PAIN**      13:15 - 13:21

*Poster Presenter:* Frederico Baptista (Aveiro, Portugal)

III-D2.W.07      **CHANGES IN THE CCR2, CCR5, AND THEIR LIGANDS LEVELS IN MICE MODEL OF OBESITY-INDUCED HYPERSENSITIVITY**      13:21 - 13:27

*Poster Presenter:* Aleksandra Bober (Kraków, Poland)

III-D2.W.08      **RELIABILITY OF EXERCISE-INDUCED HYPOALGESIA IN HEALTHY YOUNG MALES**      13:27 - 13:33

*Poster Presenter:* Vladimir Aron (Brussels, Belgium)

III-D2.W.09      **INTEGRATING EXERCISE THERAPY INTO DAILY LIFE: EXPERIENCES OF THERAPISTS AND PATIENTS WITH CHRONIC MUSCULOSKELETAL PAIN - A QUALITATIVE STUDY**      13:33 - 13:39

*Poster Presenter:* Ingrid van Duijvenbode (Amsterdam, Netherlands)

III-D2.W.10      **THE BENEFITS OF APNOE DIVING TECHNIQUES FOR PATIENTS WITH CHRONIC BACK PAIN AND EXHAUSTION DISORDERS**      13:39 - 13:45

Poster Presenter: Marie Ottilie Frenkel (Freiburg i. Breisgau, Germany)

Guided Poster Walk

12:45 - 13:45

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

## B2. Molecular Mechanisms Of Pain

Moderator: Vanessa Olzon Zambelli (Sao Paulo, Brazil)

Moderator: Eric R. Gross (Stanford, United States)

III-B2.W.01      **ROLE OF SLC7A11 IN CHRONIC PAIN AFTER PARTIAL SCIATIC NERVE LIGATION**      12:45 - 12:51

Poster Presenter: Pauline Beckers (Bruxelles, Belgium)

III-B2.W.02      **LIPID RAFT DISRUPTION INHIBITS THE ACTIVATION OF TRANSIENT RECEPTOR POTENTIAL VANILLOID1, BUT NOT TRP MELASTATIN 3 AND THE VOLTAGE-GATED L-TYPE CALCIUM CHANNELS IN SENSORY NEURONS**      12:51 - 12:57

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&5: Exhibition & 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	<b>USING MACHINE LEARNING TO EXPLORE HOW THE OUTCOMES OF PEOPLE WITH CHRONIC PAIN DIFFER FOLLOWING A PAIN MANAGEMENT PROGRAMME</b>	12:51 - 12:57
<i>Poster Presenter:</i> Emma Harrold (Cambridge, United Kingdom)		
III-C2.W.03	<b>APPLICATION OF THE IASP GRADING SYSTEM FOR NOCIPLASTIC PAIN IN BREAST CANCER SURVIVORS WITH PERSISTENT PAIN: A CROSS-SECTIONAL STUDY</b>	12:57 - 13:03
<i>Poster Presenter:</i> An De Groef (Antwerp, Belgium)		
III-C2.W.04	<b>THE ROLE OF BIOPSYCHOSOCIAL FACTORS IN CLASSIFYING CHRONIC PAIN INTENSITY ACROSS VARIOUS CHRONIC PAIN CONDITIONS</b>	13:03 - 13:09
<i>Poster Presenter:</i> Iara De Schoenmacker (Zurich, Switzerland)		
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)

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</b>	13:03 - 13:09

**CUTANEUS AFFERENTS IN OSTEOARTHRITIS MOUSE MODEL***Poster Presenter:* 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
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*Poster Presenter:* 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
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*Poster Presenter:* 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
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*Poster Presenter:* Madeleine Hau (Zurich, Switzerland)

III-C1.W.08	<b>THE EFFECT OF HIGH-FREQUENCY STIMULATION ON C-FIBER RESPONSES ELICITED BY SUSTAINED PERIODIC THERMONOCICEPTIVE STIMULATION</b>	13:27 - 13:33
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*Poster Presenter:* Daniela M. Zolezzi (Aalborg, Denmark)

III-C1.W.09	<b>UNDERSTANDING THE ROLE OF CENTRAL AND PERIPHERAL SENSITIZATION IN THE PERSISTENCE OF CHRONIC PELVIC PAIN IN ENDOMETRIOSIS</b>	13:33 - 13:39
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*Poster Presenter:* Samruddhi Deshpande (Manipal, India)

III-C1.W.10	<b>PROPRIOCEPTORS INVOLVEMENT IN DEEP SOMATIC PAIN IN FIBROMYALGIA SYNDROME</b>	13:39 - 13:45
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*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)

<b>Exploring The Role Of Stress Mindsets In Modulating Pain Sensitivity And Stress-Pain Interactions</b>	14:00 - 14:20
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*Speaker:* Inge Timmers (Tilburg, Netherlands)

<b>Untangling The Complex Mechanisms Of Chronic Pain Across The Lifespan: An Interdisciplinary Approach Using Brain, Stress, And Biobehavioral Markers</b>	14:20 - 14:40
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*Speaker:* Christine Sieberg (Boston, United States)

<b>The Role Of Oxytocin In Modulating Pain And Its Interaction With Stress In The Context Of Musculoskeletal Pain</b>	14:40 - 15:00
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*Speaker:* Matthijs Moerkerke (Ghent, Belgium)

<b>Empowering Youth: Adapting Mindsets And Stress Responses To Improve Pain Outcomes</b>	15:00 - 15:20
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*Speaker:* Laura Simons (Stanford, United States)

<b>Joint discussion</b>	15:20 - 15:30
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*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**

14:25 - 14:50

### **Discrimination Factors impacting Depression and Pain in Patients with Chronic Pain**

*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)

### **Transcriptomic dorsal root ganglion profiles of patients with spine pain**

14:25 - 14:50

*Speaker:* Theodor Price (Dallas, United States)

### **Cerebral imbalances of excitatory and inhibitory neurotransmitters of patients with spine pain**

14:50 - 15:15

*Speaker:* Petra Schweinhardt (Zurich, Switzerland)

### **Joint discussion**

15:15 - 15:30

#### *Topical Workshops*

14:00 - 15:30

Salon Pasteur (Level Rhône Pasteur)

### **Navigating Pain and Mental Health during War**

*Chair:* Pavel Goldstein (Haifa, Israel)

*Chair:* Frederic Aubrun (Lyon, France)

### **Pain Diagnosis and Management in War-Torn Ukraine - Challenges and Innovations**

14:00 - 14:25

*Speaker:* Dmytro Dmytriiev (Vinnytsia, Ukraine)

### **The Dynamics of Pain and Depression in War Conditions: A Study of Ukrainian Patients**

14:25 - 14:50

*Speaker:* Thalia Richter (Leipzig, Germany)

### **Targeting Nociceptive Pain and Mental Health Comorbidities with Personalized Danger Signal Reprocessing (PDSR)**

14:50 - 15:15

*Speaker:* Pavel Goldstein (Haifa, Israel)

### **Joint discussion**

15:15 - 15:30

#### *Breaks*

15:30 - 16:00

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

### **Afternoon Break**

#### *Topical Workshops*

16:00 - 17:30

Auditorium Lumière (Level Lumière)

### **Understanding the Social Dimensions of Pain: From Research to Clinical Practice**

*Chair:* Hollie Birkinshaw (Southampton, United Kingdom)

### **Social dimensions of pain**

16:00 - 16:15

*Speaker:* 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
<i>Topical Workshops</i> 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
<i>Speaker:</i> Siobhan Stynes (Keele, United Kingdom)	
<b>Precision medicine to improve the pharmacological management of sciatica: promise and perils</b>	16:50 - 17:15
<i>Speaker:</i> Giovanni Ferreira (Sydney, Australia)	
<b>Joint discussion</b>	17:15 - 17:30
<i>Topical Workshops</i> 16:00 - 17:30	Forum 2 (Level Forum)
<b>Circuit, Cellular and Molecular Mechanisms of Neuromodulation-Induced Analgesia in the Cerebral Cortex</b>	
<i>Chair:</i> Grégory Scherrer (Chapel Hill, United States)	
<b>Cortical neuron-types that respond to opioids and participate in placebo analgesia</b>	16:00 - 16:25
<i>Speaker:</i> Grégory Scherrer (Chapel Hill, United States)	
<b>Transcranial magnetic stimulation treatment of chronic pain via opioidergic modulation of descending pain control circuits</b>	16:25 - 16:50
<i>Speaker:</i> Nicole Mercer Lindsay (Palo Alto, United States)	
<b>Pain relief via repetitive prefrontal direct current stimulation: mechanistic insights from mice with neuropathic pain</b>	16:50 - 17:15
<i>Speaker:</i> Lirong Wang (Heidelberg, Germany)	
<b>Joint discussion</b>	17:15 - 17:30
<i>Masterclass Course</i> 16:00 - 17:30	Rhône 3AB (Level Rhône Pasteur)
<b>Clinical Masterclass: Self-Report Tools for Psychological Constructs</b>	
<i>Chair:</i> Edmund Keogh (Bath, United Kingdom)	
<b>Designing cognitive-emotional self-report questionnaires for pain research: methods and best practices</b>	16:00 - 16:25
<i>Speaker:</i> Edmund Keogh (Bath, United Kingdom)	
<b>How to navigate in the maze of pain measures?</b>	16:25 - 16:50
<i>Speaker:</i> Dimitri Van Ryckeghem (Maastricht, Netherlands)	
<b>Clinical Application of Self-Report Questionnaires, Limitations and Exploring Alternative Approaches</b>	16:50 - 17:15
<i>Speaker:</i> 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 TRAFFICKING IN CHRONIC PAIN**

16:20 - 16:30

*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