

Wednesday, 01. May 2024*Pre-Meeting Workshop*

07:00 - 16:00

MITIE

Robotic Surgery Course: Robotic Liver Resection course*Course Director:* Yee Lee Cheah (Burlington, United States)*Workshop Instructor:* Gi-Hong Choi (Seoul, Korea, Republic of)*Workshop Instructor:* Caroline Simon (Houston, United States)*Workshop Instructor:* Iswanto Sucandy (Tampa, United States)*Workshop Instructor:* Jason Hawksworth (New York, United States)*Workshop Instructor:* Adnan Alseidi (San Francisco, United States)*Pre-Meeting Workshop*

08:30 - 12:30

AHP in Liver Transplantation Meeting: Liver Transplant is a Team Sport: The Critical Roles of Allied Health Professions*Chair:* Lara Elshove (Rotterdam, Netherlands)*Chair:* Julie Corkrean (Houston, United States)**Session I: Organ Donation Systems: Models for Forming a Team of Teams**

08:30 - 08:30

Welcome by the Chairs

08:30 - 08:35

Organ Donation Systems Panel Discussion

08:35 - 08:35

North America

08:35 - 08:50

Speaker: Kevin Myer (Houston, United States)**Europe**

08:50 - 09:05

Speaker: Marieke Van Rosmalen (Leiden, Netherlands)**Asia**

09:05 - 09:20

Speaker: Akihiko Soyama (Nagasaki-City, Japan)**Panel Discussion**

09:20 - 09:35

Session II: Transplant Center Systems: Good Players Make Good Teams

09:35 - 09:35

Chair: Chantal Wiggins (Canada)*Chair:* Yanik Bababekov (Aurora, United States)**Buliding a Multi-Disciplinary Team: who are the key players and what are their roles in the pre/peri operative/post phases?**

09:35 - 09:35

North America

09:35 - 09:50

Speaker: Jolynn Shinsako (United States)**Europe**

09:50 - 10:05

Speaker: Alicia Chorley (Rotterdam, Netherlands)**Asia**

10:05 - 10:20

Speaker: Saista Amin (Sharjah, United Arab Emirates)**Discussion**

10:20 - 10:35

Coffee Break

10:35 - 10:50

Alcoholic Liver Disease. Who are the key players needed to prevent relapse after LTx for Alcoholic liver cirrhosis?

10:50 - 10:50

Chair: Dana Jakoubek (United States)*Chair:* John Ontiveros (Houston, United States)

A US center experience: Who are key players needed to prevent relapse after LTx for Alcoholic liver cirrhosis?	10:50 - 11:05
<i>Speaker:</i> Georgine Smith (Philadelphia, United States)	
A Japanese center experience: Who are key players needed to prevent relapse after LTx for Alcoholic liver cirrhosis?	11:05 - 11:20
<i>Speaker:</i> Etsuko Soeda (Tokyo, Japan)	
Discussion	11:20 - 11:35
Session III: Financial Bootcamp: Show Me the Money!	11:35 - 11:35
<i>Chair:</i> Jolynn Shinsako (United States)	
<i>Chair:</i> Michelle Bell (Houston, United States)	
<u>Liver Transplant Finance 101- Overview of the financial structures and how to maximize revenue for AHP services</u>	11:35 - 11:35
North America	11:35 - 11:45
<i>Speaker:</i> Julie Corkrean (Houston, United States)	
Europe	11:45 - 11:55
<i>Speaker:</i> Lara Elshove (Rotterdam, Netherlands)	
Asia	11:55 - 12:05
<i>Speaker:</i> Saista Amin (Sharjah, United Arab Emirates)	
Discussion	12:05 - 12:20
Wrap-Up	12:20 - 12:30
<i>Pre-Meeting Workshop</i> 08:30 - 11:00	
Machine Perfusion Workshop I	
Workshop I	08:30 - 10:30
<i>Workshop Instructor:</i> Anji Wall (Dallas, United States)	
<i>Pre-Meeting Workshop</i> 09:00 - 12:00	
TEE Workshop I	
<i>Chair:</i> Jeron Zerillo (United States)	
<i>Workshop Instructor:</i> Nicolette Schlichting (New York, United States)	
<i>Workshop Instructor:</i> Robert St Jules (New York, United States)	
<i>Workshop Instructor:</i> Thomas A. Verbeek (United States)	
<i>Workshop Instructor:</i> Rishi Kothari (Philadelphia, United States)	
<i>In Focus Session</i> 10:00 - 12:30	
In Focus Session: Pathology: Histopathology of Liver Failure and Recent Advances in Liver Transplant Pathology	
Session I	10:00 - 10:00
<i>Chair:</i> Oyedele Adeyi (Minnesota, United States)	
<i>Chair:</i> Xinyan Zhao (Beijing, China)	
Histological patterns of liver failure, including graft failure (pattern based injury)	10:00 - 10:15
<i>Speaker:</i> Romil Saxena (Atlanta, United States)	
What is the difference in liver failure between adults and pediatrics?	10:15 - 10:30

Speaker: Mukul Vij (Chennai, India)

Histological features of the New Banff Criteria for liver transplant

10:30 - 10:45

Speaker: Nigar Anjuman Khurram (Pittsburgh, United States)

Panel Discussion

10:45 - 11:15

Panel Discussant: Xinyan Zhao (Beijing, China)

Panel Discussant: Oyedele Adeyi (Minnesota, United States)

Panel Discussant: Xuchen Zhang (New Heaven, United States)

Panel Discussant: Mukul Vij (Chennai, India)

Panel Discussant: Nigar Anjuman Khurram (Pittsburgh, United States)

Break

11:15 - 11:30

Session II

11:30 - 11:30

Chair: Hanlin L. Wang (Los Angeles, United States)

Chair: Jimin (Nancy) Liu (Oakville, Canada)

Recent advances in digital pathology and artificial intelligence in pathology and liver transplant

11:30 - 11:45

Speaker: Zongming (Eric) Chen (Rochester, United States)

Advances in the functional repair of liver failure bridging for liver transplantation

11:45 - 12:00

Speaker: Nancy Kwan Man (Hong Kong, Hong Kong)

Panel discussion

12:00 - 12:30

Panel Discussant: Zongming (Eric) Chen (Rochester, United States)

Panel Discussant: Jimin (Nancy) Liu (Oakville, Canada)

Panel Discussant: Mina Komuta (Tokyo, Japan)

Panel Discussant: Nancy Kwan Man (Hong Kong, Hong Kong)

Panel Discussant: Hanlin L. Wang (Los Angeles, United States)

In Focus Session

10:00 - 12:30

In Focus Session Radiology: Endovascular Management of Benign and Malignant Portal Vein Thrombosis

Chair: Ramazan Kutlu (Malatya, Turkey)

Chair: Annalisa Berzigotti (Bern, Switzerland)

TIPS in PVT before and after liver transplantation

10:00 - 10:15

Speaker: Wael Saad (Washington DC, United States)

Portal vein recanalization

10:15 - 10:30

Speaker: Orhan Ozkan (Madison, United States)

Radioembolization in portal vein tumor thrombosis

10:30 - 10:45

Speaker: Riad Salem (Chicago, United States)

Chemoembolization and hepatic artery infusion chemotherapy in portal vein tumor thrombosis

10:45 - 11:00

Speaker: Hyo-Cheol Kim (Seoul, Korea, Republic of)

Discussion

11:00 - 11:20

Break

11:20 - 11:30

Case-based discussion

11:30 - 11:30

Case 1

11:30 - 11:40

Case Presenter: Wael Saad (Washington DC, United States)

Case 2

11:40 - 11:50

Case Presenter: Orhan Ozkan (Madison, United States)

Case 3

11:50 - 12:00

Case Presenter: Riad Salem (Chicago, United States)

Case 4

12:00 - 12:10

Panel Discussant: Hyo-Cheol Kim (Seoul, Korea, Republic of)

Discussion

12:10 - 12:30

Pre-Meeting Workshop

11:45 - 13:05

Machine Perfusion Special Lectures

Chair: Markus Selzner (Toronto, Canada)

Chair: Mark Hobeika (Houston, United States)

Normothermic machine perfusion: graft assessment, repair and beyond - What are the limits?

11:45 - 12:05

Speaker: Markus Selzner (Toronto, Canada)

Hypothermic liver perfusion: Reducing the injury, assessing the graft

12:05 - 12:25

Speaker: Andrea Schlegel (Milan, Italy)

Normothermic regional perfusion: Resuscitating the liver and surrounding organs

12:25 - 12:45

Speaker: Ian Currie (United Kingdom)

Pre-Meeting Symposium

13:00 - 18:00

Pre-Meeting Symposium: Expanding Frontiers in Liver Transplantation: MASLD, Machine Perfusion, and Surgical Oncology

Part I - MASLD and Liver Transplantation

13:00 - 13:00

Chair: R. Mark Ghobrial (Houston, United States)

Chair: Nazia Selzner (Toronto, Canada)

NASH/MASH: Renaming or redefining? What does the new nomenclature mean for liver transplantation?

13:00 - 13:15

Speaker: Norah Terrault (Los Angeles, United States)

ERAS and obese patients - Challenges and opportunities in liver transplantation

13:15 - 13:30

Speaker: Stuart McCluskey (Toronto, Canada)

Endobariatric procedures in patients with cirrhosis

13:30 - 13:45

Speaker: Reem Sharaiha (New York, United States)

Post-transplantation treatment of MASLD: Emerging new therapies

13:45 - 14:00

Speaker: David W. Victor, III (Houston, United States)

Panel discussion

14:00 - 14:20

Break

14:20 - 14:30

Part II: New Frontiers: Machines vs Robots

14:30 - 14:30

Chair: Elizabeth Pomfret (Denver, United States)

Chair: Miriam Cortes-Cerisuelo (London, United Kingdom)

DCD livers: to pump routinely or not? Pro side

14:30 - 14:40

Speaker: Amit K. Mathur (Phoenix, United States)

DCD livers: to pump routinely or not? Con side

14:40 - 14:50

Speaker: Miriam Cortes-Cerisuelo (London, United Kingdom)

Defatting on pump: fiction or reality

14:50 - 15:05

Speaker: David Nasralla (London, United Kingdom)

Living donor robotics - for donors: Smaller cut & better outcome

15:05 - 15:15

Speaker: Mohamed Rela (Chennai, India)

Living donor robotics - for recipients: Are we there?

15:15 - 15:25

Speaker: Massimo Malago (Riyad, Saudi Arabia)

Panel discussion

15:25 - 15:45

Break

15:45 - 16:10

Part III: Surgical Issues in Transplant Oncology

16:10 - 16:10

Chair: Kim Olthoff (Philadelphia, United States)

Chair: Nazia Selzner (Toronto, Canada)

Optimizing immunotherapy in liver transplantation for HCC: current and future prospects?

16:10 - 16:25

Speaker: Laura Kulik (Chicago, United States)

Intrahepatic cholangiocarcinoma and new biomarkers

16:25 - 16:40

Speaker: R. Mark Ghobrial (Houston, United States)

Colorectal mets: Pro resection

16:40 - 16:50

Speaker: Jean-Nicolas Vauthey (Houston, United States)

Colorectal mets: Pro transplantation

16:50 - 17:00

Speaker: Pål-Dag Line (Oslo, Norway)

Rebuttal

17:00 - 17:05

Living donation liver transplantation in oncological patients - is it the ultimate solution? Pro: It's time to transplant

17:05 - 17:15

Speaker: Arvinder Singh Soin (Gurugram, India)

Living donation liver transplantation in oncological patients - is it the ultimate solution? Con: We must define a limit!

17:15 - 17:25

Speaker: Anand Ghanekar (Toronto, Canada)

Rebuttal

17:25 - 17:30

Panel discussion

17:30 - 18:00

Pre-Meeting Workshop

13:00 - 16:00

TEE Workshop II

Chair: Jeron Zerillo (United States)

Workshop Instructor: Nicolette Schlichting (New York, United States)

Workshop Instructor: Robert St Jules (New York, United States)

Workshop Instructor: Thomas A. Verbeek (United States)

Workshop Instructor: Rishi Kothari (Philadelphia, United States)

Pre-Meeting Workshop

14:00 - 16:00

Machine Perfusion Workshop II

Workshop II

14:00 - 16:00

Workshop Instructor: Anji Wall (Dallas, United States)

Other

18:15 - 19:30

Opening Session

	Welcome to Houston	18:15 - 18:23
	Welcome to the ILTS 2024 Annual Congress	18:23 - 18:30
<i>Speaker: R. Mark Ghobrial (Houston, United States)</i>		
	Lifetime Contribution to Liver Transplantation Award: William Merritt III, MD	18:30 - 18:43
<i>Speaker: Yoogoo Kang (United States)</i>		
	Distinguished Service Awards	18:43 - 19:05
	Introducing the Distinguished Service Awardee	19:05 - 19:05
	Introducing the Distinguished Service Awardee	19:05 - 19:05
	Patient Story	19:05 - 19:15
	Society Awards	19:15 - 19:30
<i>Poster Viewing</i>		
18:15 - 20:15		
ePoster Viewing		
	<u>Allied Health Professionals in Liver Transplantation</u>	18:15 - 18:15
	<u>Anesthesia / Critical Care Medicine / Acute Liver Failure</u>	18:15 - 18:15
eP-001	Perioperative serum copeptin levels with or without vasopressor usage in liver transplantation	18:15 - 18:15
<i>Poster Author: Ceren Gunt Coskun (Ankara, Turkey)</i>		
eP-004	Is blood transfusion the most important predictor of on-table extubation in liver transplantation? Study on a novel predictive model of on-table extubation in liver transplantation	18:15 - 18:15
<i>Poster Author: Ryan Nazemian (Burlington, United States)</i>		
eP-006	Preoperative aortic regurgitation and early graft survival in liver transplant recipients	18:15 - 18:15
<i>Poster Author: Quirino Lai (Rome, Italy)</i>		
eP-007	Veno-arterial extracorporeal membrane oxygenation in an extremely low weight pediatric patient with respiratory failure and severe infection after liver transplantation	18:15 - 18:15
<i>Poster Author: Fei Hou (Beijing, China)</i>		
eP-011	Risk factors for 30-day mortality after deceased donor liver transplantation: a single-center retrospective cohort study	18:15 - 18:15
<i>Poster Author: Elizabeth Wilson, MD (Atlanta, United States)</i>		
eP-014	Development and validation of a score to predict extubation after liver transplantation	18:15 - 18:15
<i>Poster Author: Ashish Singhal (Mohali, India)</i>		
eP-015	Intraoperative cardiac arrest during liver transplantation in Asian population - second report after learning curve	18:15 - 18:15
<i>Poster Author: Gaab Soo Kim (Seoul, Korea, Republic of)</i>		
eP-017	Perioperative outcomes in patients with percutaneous coronary intervention before liver transplantation	18:15 - 18:15
<i>Poster Author: Yi Wei Tan (Singapore, Singapore)</i>		
eP-020	Role of pre-operative Fecal calprotectin in predicting post-operative sepsis in patients undergoing liver transplantation	18:15 - 18:15
<i>Poster Author: Dinesh Jothimani (Chennai, India)</i>		

eP-023	Effect of intraoperative dextrose infusion on remnant hepatic function in right living donor hepatectomy: a randomized controlled study	18:15 - 18:15
<i>Poster Author:</i> Ashish Malik (New Delhi, India)		
eP-024	The failure to rescue rate in a Liver Transplant Program in Johannesburg, South Africa	18:15 - 18:15
<i>Poster Author:</i> Jean Botha (Murray, United States)		
eP-025	Description of viscoelastic test-guided blood and factor transfusions in cirrhosis	18:15 - 18:15
<i>Poster Author:</i> Constance Mobley (Houston, United States)		
eP-026	Use and safety of fibrinogen concentrate in liver transplantation	18:15 - 18:15
<i>Poster Author:</i> Kenneth Ferris (Ann Arbor, United States)		
eP-027	Airway challenges in liver transplant recipients, what to expect?	18:15 - 18:15
<i>Poster Author:</i> Pooja Baliga (Gurugram, India)		
eP-028	Clinical characteristics and prognosis of pediatric acute liver failure	18:15 - 18:15
<i>Poster Author:</i> Wan-Ting Zhang (Beijing, China)		
eP-029	Barriers and enablers to participation in the process of DCD donations among physician anesthesiologists in an academic department	18:15 - 18:15
eP-030	Immediate extubation after living donor liver transplantation	18:15 - 18:15
<i>Poster Author:</i> Gaab Soo Kim (Seoul, Korea, Republic of)		
	<u>Basic Science / Translational Research / Tolerance Induction</u>	18:15 - 18:15
eP-033	CD84 regulates M-MDSC to induce CD8+T-cell exhaustion after liver transplantation	18:15 - 18:15
<i>Poster Author:</i> Liu-xin Zhou (Beijing, China)		
eP-035	Assessing liver NK cell antitumor potential: the role of Liver Immune Status Index in liver transplantation for hepatocellular carcinoma	18:15 - 18:15
<i>Poster Author:</i> Yuki Imaoka (Hiroshima, Japan)		
eP-036	A novel model of MASH fibrosis in the FAH^{-/-} pig	18:15 - 18:15
<i>Poster Author:</i> Silvana Wilken (Rochester, MN, United States)		
eP-038	Transarterial chemoembolization-induced ApoE+ macrophages restrained HCC immunotherapy efficiency via T cell elimination	18:15 - 18:15
<i>Poster Author:</i> Jinyang Li (Hong Kong, Hong Kong)		
eP-041	IRF-1 knock-out alleviates hepatocytes pyroptosis by reversing kupffer cell polarization during hepatic Ischemia-Reperfusion-Injury	18:15 - 18:15
<i>Poster Author:</i> Liu-xin Zhou (Beijing, China)		
eP-043	Optical liquid biopsy to diagnose liver pathology based on native fluorescence spectroscopy of biofluids using machine learning algorithms	18:15 - 18:15
<i>Poster Author:</i> Ashwin Rammohan (Chennai, India)		
eP-044	Deletion of RNF216 contributed to tumorigenesis and macrophage polarization in intrahepatic cholangiocarcinoma	18:15 - 18:15
<i>Poster Author:</i> Wenxin Zhan (HONG KONG, China)		
eP-045	Liquid biopsy based on quantitative methylation profiling for detecting cholangiocarcinoma: results from the discovery phase of a pilot study	18:15 - 18:15
<i>Poster Author:</i> Raman Srikar (Chennai, India)		

eP-046	Exploring the potential of <i>ex-vivo</i> multi-organ machine perfusion	18:15 - 18:15
<i>Poster Author:</i> Sander Florman (New York, United States)		
eP-047	Reanimating the hepatectomized liver: normothermic machine preservation as a potential translational research platform	18:15 - 18:15
<i>Poster Author:</i> Sander Florman (New York, United States)		
eP-048	The role of GnT IVb in the immune regulation of nonalcoholic fatty liver disease-associated hepatocellular carcinoma	18:15 - 18:15
<i>Poster Author:</i> Shinuan Zeng (Hksar, China)		
eP-050	Ablation of the glycolytic enzyme LDHA in T cells induces transplant tolerance	18:15 - 18:15
<i>Poster Author:</i> Dawei Zou (Houston, United States)		
eP-051	The role and mechanisms of polyunsaturated fatty acids regulating MAIT cells in drug-iuduced liver injury	18:15 - 18:15
<i>Poster Author:</i> Shuang Zhao (Beijing, China)		
eP-052	Calreticulin regulates hepatic stellate cell activation through modulating TGF-β-induced Smad signaling	18:15 - 18:15
<i>Poster Author:</i> Kuang-Tzu Huang (Kaohsiung City, Taiwan)		
eP-053	Ischemia reperfusion injury and systemic inflammatory response to heterotopic mouse to rat liver transplantation to improve outcomes of chimeric exogenic liver grafts	18:15 - 18:15
<i>Poster Author:</i> Parthasarathy Rangarajan (Minneapolis, United States)		
eP-054	Immune heterogeneity in the primary sclerosing cholangitis liver at the time of transplantation	18:15 - 18:15
<i>Poster Author:</i> Diana Nakib (Toronto, Canada)		
eP-055	A novel 3D peptide hydrogel enables the generation and transplantation of human induced pluripotent stem cell derived hepatocytes	18:15 - 18:15
<i>Poster Author:</i> Sergio Duarte (Gainesville, United States)		
eP-056	IRF1 mediates ferroptosis-induced liver ischemia/reperfusion via regulating expression of DYKR1A	18:15 - 18:15
<i>Poster Author:</i> Jinming Zhang (Beijing, China)		
eP-057	Partial Freezing Enables 10-Day Storage of Rodent Livers with Optimized Ice Control	18:15 - 18:15
<i>Poster Author:</i> Ozge Sila Ozgur (Boston, United States)		
eP-059	Blocking CD47 promotes anti-tumor immunity through CD103⁺ Dendritic Cell-NK Cell Axis in hepatocellular carcinoma	18:15 - 18:15
<i>Poster Author:</i> Shuai Wang (Hangzhou, China)		
eP-060	Improvement of surgical technique and perfusion system of Ischemia-free liver transplantation in the rat	18:15 - 18:15
<i>Poster Author:</i> Sunao Fujiyoshi (Sapporo, Japan)		
eP-062	Development of a novel ROS-sensitive DNA nanodevice for the protection against ischemia-reperfusion injury in liver transplantation	18:15 - 18:15
<i>Poster Author:</i> Zijie Zhang (Shanghai, China)		
eP-063	Assessing liver function: Cytochrome P450 Enzyme system as a marker for liver function in healthy and diseased human liver tissue	18:15 - 18:15
<i>Poster Author:</i> Dominik Schröter (Jena, Germany)		
eP-064	Mesenchymal stem cells with enhanced MMP-9 as a cell therapy for the treatment of liver fibrosis	18:15 - 18:15
<i>Poster Author:</i> Raphael Meier (Baltimore, United States)		

eP-065	Liver-specific epigenetic checkpoint mediates antitumor immunity of CD4T cell	18:15 - 18:15
eP-066	Impact of ERK1/2 pathway modulation on ferroptosis in hepatic ischemia-reperfusion injury <i>Poster Author:</i> Alice Lee (Milwaukee, United States)	18:15 - 18:15
eP-071	Extended normothermic machine perfusion (E-NMP) is necessary for ATP recovery in Extended Criteria Donors <i>Poster Author:</i> Abhishek Mathur (New York, United States)	18:15 - 18:15
eP-072	Inhibition of histone deacetylase 6 (HDCA6) as a potential anti-fibrotic treatment <i>Poster Author:</i> Marta Halasa (Houston, United States)	18:15 - 18:15
eP-074	Role of donor-derived cell-free DNA in predicting short-term allograft health in liver transplant recipients <i>Poster Author:</i> Koustav Jana (Chennai, India)	18:15 - 18:15
eP-075	Long-term lymphopenia is associated with poor prognosis after liver transplantation of hepatocellular carcinoma patients <i>Poster Author:</i> Ming-Hung Wang (Kaohsiung City,, Taiwan)	18:15 - 18:15
eP-076	Preservation Solutions' Impact on Biochemical Markers in Steatotic Liver Perfusates: A Comparative Study <i>Poster Author:</i> Arnau Panisello Rosello (Barcelona, Spain)	18:15 - 18:15
eP-077	ER stress promotes mitochondrial calcium overload and activates ROS/NLRP3 axis to mediate fatty liver ischemia-reperfusion injury <i>Poster Author:</i> Haoming Zhou (Nanjing, China)	18:15 - 18:15
eP-078	Gadolinium retention effects on macrophages <i>Poster Author:</i> Malgorzata Kloc (Houston, United States)	18:15 - 18:15
eP-079	Native fluorescence spectroscopy of plasma biomarkers for monitoring post-living donor liver transplant graft injury <i>Poster Author:</i> Ashwin Rammohan (Chennai, India)	18:15 - 18:15
eP-080	Simultaneous pharmacological inhibition of histone deacetylase 6 (HDAC6) and Ras homolog family member A (RhoA) impairs macrophage migration <i>Poster Author:</i> Marta Halasa (Houston, United States)	18:15 - 18:15
eP-081	Trem2+ macrophage abrogate DTA-1 treatment in liver metastasis mouse model <i>Poster Author:</i> Caixu Pan (Hangzhou, China)	18:15 - 18:15
eP-083	Improving the efficacy of Human Primary Hepatocyte Engraftments: Implementation of a Novel Peptide 3D Hydrogel <i>Poster Author:</i> Sergio Duarte (Gainesville, United States)	18:15 - 18:15
eP-084	Tissue miRNA and mRNA profiling in liver allografts with ischemia-reperfusion injury: integrating dual omics analysis for comprehensive insight <i>Poster Author:</i> Haseeb Zubair (Baltimore, United States)	18:15 - 18:15
eP-086	Targeting the epigenetic reader BRD4 promotes transplant tolerance by inhibiting inflammatory macrophages <i>Poster Author:</i> Xiaojun Su (Houston, United States)	18:15 - 18:15
eP-088	Acute rejection in heterotopic rat liver transplants using portal vein arterialization proceeds on a time course similar to an arterialized orthotopic liver transplant <i>Poster Author:</i> David Al Adra (Madison, United States)	18:15 - 18:15
eP-089	Effect of pirfenidone on peritoneal alterations in an uremic mouse	18:15 - 18:15

	model with exposure to peritoneal dialysis fluid	
	<i>Poster Author:</i> Ding-Wei Chen (Kaohsiung, Taiwan)	
	<u>Comorbidities and Liver Transplantation Outcomes / Immunosuppression</u>	18:15 - 18:15
eP-091	Evaluating long-term prognosis in liver transplantation recipients receiving grafts from donor aged 80 years and over: a multi-center cohort study	18:15 - 18:15
eP-092	Post-transplant outcomes of liver transplantation among super obese recipients (BMI ≥50)	18:15 - 18:15
	<i>Poster Author:</i> Ashwani Singal (Louisville, United States)	
eP-093	Outcomes of liver transplantation in High-MELD patients. Does MELD accurately predict survival?	18:15 - 18:15
	<i>Poster Author:</i> Laia Aceituno Sierra (Toronto, Canada)	
eP-095	Preformed donor-specific antibodies are associated with higher mortality and lower one-year survival after liver transplantation	18:15 - 18:15
	<i>Poster Author:</i> Mario Vilatoba (Mexico City, Mexico)	
eP-097	Absorbable self-expandable biliary stent as a preventive treatment of biliary complications in liver transplant	18:15 - 18:15
	<i>Poster Author:</i> Victor Lopez-Lopez (Murcia, Spain)	
eP-098	Fatty liver aggravates hepatic IR injury by inhibiting Nrf2 and activating STING signaling in macrophages	18:15 - 18:15
	<i>Poster Author:</i> Haoming Zhou (Nanjing, China)	
eP-100	Liver transplantation for patients with acute-on-chronic liver failure□Preoperative predictive factors of post-transplant mortality to avoid futility	18:15 - 18:15
	<i>Poster Author:</i> Qinfen Xie (Hangzhou, China)	
eP-103	Utility of MRCP in assessing post-orthotopic liver transplant anastomotic strictures	18:15 - 18:15
	<i>Poster Author:</i> Michelle Jones-Pauley (Houston, United States)	
eP-105	Treatment of antibody-mediated rejection after liver transplantation	18:15 - 18:15
	<i>Poster Author:</i> Eunice Tan (Toronto, Canada)	
eP-108	Direct-acting oral anticoagulants are safe and effective in liver transplant recipients: Is it the end of the era of vitamin K antagonists?	18:15 - 18:15
	<i>Poster Author:</i> Swapnil Dhampalwar (Gurgaon, India)	
eP-110	FibroScan compared to liver biopsy for accurately detecting recurrent hepatic steatosis and fibrosis after liver transplantation for metabolic dysfunction-associated steatohepatitis	18:15 - 18:15
	<i>Poster Author:</i> Marina Berenguer (Valencia, Spain)	
eP-113	Utilization of preemptive extracorporeal membrane oxygenation in liver transplantation recipients: a case series and qualitative systematic review of literature	18:15 - 18:15
	<i>Poster Author:</i> Nihal Aykun (Durham, United States)	
eP-114	Refractory anastomotic biliary strictures after living donor liver transplantation managed with short metallic stent insertion	18:15 - 18:15
	<i>Poster Author:</i> Deniz Balci (Ankara, Turkey)	
eP-115	T-tube vs. no T-tube in piggyback liver transplantation biliary reconstruction: a retrospective case-control study	18:15 - 18:15
	<i>Poster Author:</i> Wu Zhang (Hangzhou, China)	

eP-116	Liver transplant outcomes under the all-payer system	18:15 - 18:15
<i>Poster Author:</i> Raphael Meier (Baltimore, United States)		
eP-117	National survey results on a proposed National Transplant Surgery Mentorship Programme (NTSMP) in the United Kingdom: a paradigm for Global Liver Transplant Surgery Mentorship	18:15 - 18:15
<i>Poster Author:</i> Abdul Rahman Hakeem (London, United Kingdom)		
eP-119	Exploring the immune tolerance of pediatric posttransplant lymphoproliferative disorders patients after liver transplantation: a single center experience	18:15 - 18:15
<i>Poster Author:</i> Li-Na Wu (Beijing, China)		
eP-120	New rescue strategy for liver transplantation in obliterative portal vein thrombosis: portal vein recanalization and transjugular intrahepatic portosystemic shunt	18:15 - 18:15
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Poster Author: Dinesh Jothimani (Chennai, India)

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Poster Author: Gun Hyung Na (Seoul, Korea, Democratic People's Republic of)

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Poster Author: Jinsoo Rhu (Seoul, Korea, Republic of)

- eP-330 **RETREAT-score accurately predicts the long-term risk of HCC recurrence after liver transplantation: a single-center experience** 18:15 - 18:15

Poster Author: Stefania Camagni (Bergamo, Italy)

- eP-332 **Early outcomes of living donor liver transplantation in cirrhotic patients with Hepatocellular Carcinoma and portal vein tumor thrombus after downstaging with stereotactic body radiation therapy** 18:15 - 18:15

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- eP-333 **Racial and ethnic disparities in survival among patients with cholangiocarcinoma: a systematic review and meta-analysis** 18:15 - 18:15

Poster Author: Andrew Shubin (Dallas, United States)

- eP-334 **Are the classifications used to determine hepatic artery variations in liver donors sufficient?** 18:15 - 18:15

Poster Author: Emre Karakaya (Ankara, Turkey)

- eP-337 **Pneumo-portalis in post liver transplant setting - surgery or standby?** 18:15 - 18:15

Poster Author: Muthukumarassamy Rajakannu (Chennai, India)

- eP-339 **Preoperative risk factors for living donor liver transplantation with hepatocellular carcinoma using Japanese nationwide database** 18:15 - 18:15

Poster Author: Masahiro Ohira (Japan)

- eP-343 **Aggressive Pre-Transplant Therapy and Elimination of Detectable Disease is Associated with Reduced Recurrence After Liver Transplant for Colorectal Liver Metastasis: The Cleveland Protocol** 18:15 - 18:15

Poster Author: Chase Wehrle (Cleveland, United States)

- eP-344 **MRI contrast agent Dotarem effects on macrophages** 18:15 - 18:15

Poster Author: Malgorzata Kloc (Houston, United States)

- eP-345 **Improved outcomes post liver transplantation for cholangiocarcinoma with MTOR inhibitor immunosuppression** 18:15 - 18:15

Poster Author: Sudha Kodali (Houston, United States)

- eP-346 **Effects of race/ethnicity and allocation policy on survival after liver transplantation for Metabolic Dysfunction-Associated Steatohepatitis-Hepatocellular Carcinoma (MASH-HCC)** 18:15 - 18:15

Poster Author: David W. Victor, III (Houston, United States)

- eP-347 **Improved survival from salvage therapy after transplant waitlist removal** 18:15 - 18:15

Poster Author: David W. Victor, III (Houston, United States)

- eP-350 **Role of Immunotherapy in neo-adjuvant setting to increase transplant candidacy in patients with locally advanced hepatocellular carcinoma** 18:15 - 18:15

Poster Author: Swapnil Dhampalwar (Gurgaon, India)

- eP-351 **Impact of female gender on longterm outcome after liver transplantation for Hepatocellular Carcinoma (HCC)** 18:15 - 18:15

Poster Author: Faouzi Saliba (Villejuif, France)

- eP-352 **Use of donors after circulatory death (DCD) for liver transplant in patients with hepatocellular carcinoma: a safe and underutilized** 18:15 - 18:15

option*Poster Author:* Phillipe Abreu (Miami, United States)

eP-353 **Survival after delisting for HCC progression: does etiology of liver disease matter?** 18:15 - 18:15

Poster Author: David W. Victor, III (Houston, United States)

eP-354 **Sorafenib as adjuvant therapy post-liver transplant - a single center experience** 18:15 - 18:15

Poster Author: Hala S Hassanain (Houston, United States)

eP-355 **Effect of neoadjuvant therapy type on perioperative outcomes of patients undergoing liver transplantation for Hepatocellular Carcinoma** 18:15 - 18:15

Poster Author: David W. Victor, III (Houston, United States)**Pathology / Infection**

18:15 - 18:15

eP-358 **Prevention of CMV infection with the usage of CMVIG in adult liver transplant patients** 18:15 - 18:15

Poster Author: Ming-Hung Wang (Kaohsiung City,, Taiwan)

eP-359 **A multi-class neural network machine learning algorithm to diagnose graft pathology in liver transplant recipients** 18:15 - 18:15

Poster Author: Mamatha Bhat (Toronto, Canada)

eP-360 **Hepatocellular Carcinoma with a Granulomatous Immune Response (HCC-GR): proposal of a distinct variant with better prognosis in living donor liver transplant setting** 18:15 - 18:15

Poster Author: Mukul Vij (Chennai, India)

eP-361 **Adult liver for-cause allograft biopsies with normal histology: analysis of clinical context and outcome resolution** 18:15 - 18:15

Poster Author: Areeba Rizvi (Minneapolis, United States)

eP-362 **Transfusion support in patients with red cell alloimmunization undergoing Liver transplantation** 18:15 - 18:15

Poster Author: Deepti Sachan (Chennai, India)

eP-363 **Adenomatosis of the liver: a rare cause of liver transplantation** 18:15 - 18:15

Poster Author: Yiliam Fundora Suárez (Barcelona, Spain)**Pediatrics**

18:15 - 18:15

eP-364 **Pathological structural remodeling of the heart is associated with mortality in children with cirrhosis** 18:15 - 18:15

Poster Author: Dalia Bashir (Houston, United States)

eP-365 **Role of ionized magnesium levels in pediatric liver transplantation: implications for clinical outcomes** 18:15 - 18:15

Poster Author: Estéfani Martínez-Chávez (Madrid, Spain)

eP-366 **Timing and outcome of liver transplantation in children with CPS1D** 18:15 - 18:15

Poster Author: Wan-Ting Zhang (Beijing, China)

eP-367 **Biliary complications - a single center experience of 450 pediatric living donor liver transplantation, comparing small babies with older children** 18:15 - 18:15

Poster Author: Prashant Bhangui (Medanta, India)

eP-370 **Disseminated nocardiosis in pediatric liver transplant recipient** 18:15 - 18:15

Poster Author: Ying Liu (Beijing, China)

eP-371 **Visceral artery aneurysms as a complication of portal vein thrombosis following paediatric liver transplantation: an emerging** 18:15 - 18:15

challenge in young patients*Poster Author:* Stefania Camagni (Bergamo, Italy)

eP-372 **Is immunosuppression withdrawal safe in PTLD patients after pediatric liver transplantation? A review of case studies** 18:15 - 18:15

Poster Author: Ying Liu (Beijing, China)

eP-373 **Psychological impact on donor and families post pediatric liver transplant** 18:15 - 18:15

Poster Author: Rana Salman (Sharjah, United Arab Emirates)

eP-374 **Antibody mediated rejections characterized by ascites in pediatric living donor liver transplantation** 18:15 - 18:15

Poster Author: Kai Wang (Tianjin, China)

eP-375 **Long-term social outcomes of pediatric liver transplant recipients: transition from childhood to adulthood** 18:15 - 18:15

Poster Author: Emre Karakaya (Ankara, Turkey)

eP-376 **Post liver transplant transaminase elevation in children: a long term outcome analysis** 18:15 - 18:15

Poster Author: Jagadeesh Menon (Chennai, India)

eP-377 **A study on predictive factors for portal vein re construction using interposition graft in biliary atresia in children** 18:15 - 18:15

Poster Author: Anu Vasudevan (Chennai, India)**Surgical Videos for Technical Innovation**

18:15 - 18:15

VeP-01 **Robotic donor right hepatectomy: a video vignette** 18:15 - 18:15

Poster Author: Amith Kumar Pakkala (Mumbai, India)

VeP-05 **Tips and tricks in robotic right donor hepatectomy: Inferior vena cava dissection, right inferior hepatic vein(s) management and right hepatic vein isolation** 18:15 - 18:15

Poster Author: Fysal Kollanta Valappil (Gurgoan, India)

VeP-06 **Surgical techniques and tips of robotic left lateral donor hepatectomy for a paediatric transplant** 18:15 - 18:15

Poster Author: Deepti Ramachandra (Mumbai, India)**Late-Breaking Abstracts**

18:15 - 18:15

LB-eP-01 **Prediction and characterization of post-liver transplant metabolic dysfunction-associated steatohepatitis (MASH) using deep machine learning** 18:15 - 18:15

Poster Author: Sara Naimimohasses (Toronto, Canada)

LB-eP-02 **Pure laparoscopic full-size liver graft transplantation in adult** 18:15 - 18:15

Poster Author: Wen Rui Wu (Guangzhou, China)

LB-eP-05 **Variation in global living donor liver transplant surgical technique - early data from the International Living Donor Liver Transplant Registry (LDLTregistry.org)** 18:15 - 18:15

Poster Author: Ilya Kantsedikas (London, United Kingdom)

LB-eP-06 **Development of a machine learning tool integrating metabolomics and clinical variables for diagnosis of liver graft pathology** 18:15 - 18:15

Poster Author: Sara Naimimohasses (Toronto, Canada)

LB-eP-07 **Have CFTR modulators changed the need for liver transplantation among patients with cystic fibrosis? An analysis of the UNOS database** 18:15 - 18:15

Poster Author: Manuel Mendizabal (Pilar, Argentina)

LB-eP-09 **Intraoperative hypotension and acute kidney injury following liver** 18:15 - 18:15

	transplantation: a retrospective cohort study	
	<i>Poster Author:</i> Carla Luzzi (Toronto, Canada)	
LB-eP-10	Targeting Ninjurin-1 protects mice and rat livers from ischemia-reperfusion injury	18:15 - 18:15
	<i>Poster Author:</i> Blayne Sayed (Toronto, Canada)	
LB-eP-12	Impact of hypothermic organ perfusion in small grafts in living donor liver transplantation to avoid small-for-size syndrome: safety & feasibility pilot study-phase-I HOPE-L trial	18:15 - 18:15
	<i>Poster Author:</i> Jasper Sandeep Rajasekar (Chennai, India)	
LB-eP-14	Application of the CHALF score to predict clinical outcomes in adult acute liver failure	18:15 - 18:15
	<i>Poster Author:</i> Stuart Reynolds (Los Angeles, United States)	
LB-eP-15	Normothermic regional perfusion: challenging futility in DCD liver transplantation	18:15 - 18:15
	<i>Poster Author:</i> Yanik Bababekov (Aurora, United States)	
LB-eP-16	Changes in ex situ liver metabolism during prolonged normothermic machine perfusion in a rat model	18:15 - 18:15
LB-eP-17	The best criteria for the selection of hepatocellular carcinoma patients for liver transplantation: a systematic review and meta-analysis	18:15 - 18:15
	<i>Poster Author:</i> Jose B. Pereira-Leal (Lisbon, Portugal)	
LB-eP-18	Naringenin ameliorates liver Ischemia-Reperfusion Injury in mice by regulating the PI3K-AKT pathway	18:15 - 18:15
	<i>Poster Author:</i> Wen Hou (Tianjin, China)	
LB-eP-20	Role of low volume PLEX and low dose steroid as an effective therapy to improve 90-day mortality in patients with severe liver injury	18:15 - 18:15
	<i>Poster Author:</i> Lohit Shetty Raju (Bangalore, India)	
LB-eP-22	Assessment of mitochondrial donor injury guides decision making for liver acceptance with tailored preservation concepts	18:15 - 18:15
	<i>Poster Author:</i> Chunbao Jiao (Cleveland, United States)	
LB-eP-23	The role of hypoxia inducible factor modulation and defatting in discarded steatotic human livers preserved with NMP: observations from an ex-situ whole blood transplant model	18:15 - 18:15
	<i>Poster Author:</i> Syed Hussain Abbas (Oxford, United Kingdom)	
LB-eP-24	Comparison of disease-free survival for low MELD hepatocellular carcinoma patients undergoing liver transplantation or liver resection	18:15 - 18:15
	<i>Poster Author:</i> Jason Sterris (San Bernardino, United States)	
LB-eP-26	Normothermic perfusion compared to static cold storage attenuates inflammatory transcript expression in standard criterion donated after brain death livers	18:15 - 18:15
	<i>Poster Author:</i> Chase Wehrle (Cleveland, United States)	
LB-eP-27	The present and future of basic and translational science in liver transplantation - a survey study of the basic & translational research committee of the ILTS	18:15 - 18:15
	<i>Poster Author:</i> Aghnia Jolanda Putri (Heidelberg, Germany)	
LB-eP-28	The PROMIS-29 profile identifies frailty in liver transplant candidates and associated impairments in health-related quality of life	18:15 - 18:15
	<i>Poster Author:</i> Matthew Harris (Chicago, United States)	

LB-eP-29	Sex disparity in liver allocation within Eurotransplant	18:15 - 18:15
<i>Poster Author:</i> HC de Ferrante (Eindhoven, Netherlands)		
LB-eP-30	Induction therapy using rabbit anti-thymoglobulin and IVIG for hyperimmunized liver transplant recipients	18:15 - 18:15
<i>Poster Author:</i> Faouzi Saliba (Villejuif, France)		
LB-eP-32	Early allograft survival after DCD liver transplant: TA-NRP versus SCS	18:15 - 18:15
<i>Poster Author:</i> Yanik Bababekov (Aurora, United States)		
LB-eP-35	Machine perfusion in liver transplantation: Cochrane review and meta-analysis	18:15 - 18:15
<i>Poster Author:</i> Georgios Kourounis (Newcastle upon Tyne, United Kingdom)		
LB-eP-37	Standardised inflow cuff technique for hepatic artery anastomosis	18:15 - 18:15
<i>Poster Author:</i> Lohit Shetty Raju (Bangalore, India)		
LB-eP-38	Preparing human liver extracellular matrices for clinical applications: the effect of sterilization strategies on biomechanics and cellular compatibility	18:15 - 18:15
<i>Poster Author:</i> Luc van der Laan (Rotterdam, Netherlands)		
LB-eP-39	Single center experience with <i>ex-situ</i> hypothermic oxygenated machine perfusion prior to liver transplantation: an interim analysis	18:15 - 18:15
<i>Poster Author:</i> Jes Sanders (Chicago, United States)		
LB-eP-40	Thromboelastography changes following reperfusion are associated with early allograft dysfunction in deceased donor liver transplantation	18:15 - 18:15
<i>Poster Author:</i> Charlotte Trainer (London, United Kingdom)		
LB-eP-43	Evaluating the combined impact of ex vivo gene therapy and MKK4 inhibitor on liver regeneration in a porcine model of FAH deficiency	18:15 - 18:15
<i>Poster Author:</i> Boyukkhanim Ahmadzada (Rochester, United States)		
LB-eP-45	Correlation of humoral factors with complications after liver transplantation	18:15 - 18:15
<i>Poster Author:</i> Marco Maria Pascale (Roma, Italy)		
LB-eP-46	Evaluation of correlation between etiology of End-Stage Liver Disease and graft type with intraoperative blood loss and utilization of blood products during Liver Transplantation	18:15 - 18:15
<i>Poster Author:</i> Amer Majeed (Riyadh, Saudi Arabia)		
LB-eP-47	Abernethy malformation (CPSS) and liver transplantation (LT): case series and literature review	18:15 - 18:15
<i>Poster Author:</i> Rishanki Agarwal (London, United Kingdom)		
LB-eP-49	Systematic review and comparative outcomes analysis of life-sustaining NHP liver allo- and xeno-transplants	18:15 - 18:15
<i>Poster Author:</i> Raphael Meier (Baltimore, United States)		
LB-eP-51	Standardization of reported decellularized liver scaffold recellularization in the literature & future perspective	18:15 - 18:15
LB-eP-52	Case report: Anesthetic management of liver transplantation with extended (46h) normothermic perfusion time complicated by post-reperfusion syndrome and coagulopathy	18:15 - 18:15
<i>Poster Author:</i> Christina Ma (Los Angeles, United States)		
LB-eP-53	Extrahepatic cholangiocarcinoma presenting as biliary stricture after deceased donor liver transplant, successfully treated with a whipple procedure and vascular reconstruction	18:15 - 18:15
<i>Poster Author:</i> Stuart Reynolds (Los Angeles, United States)		

LB-eP-54	Intensive ischemia-reperfusion injury increases hepatocellular carcinoma recurrence rate after liver transplantation	18:15 - 18:15
<i>Poster Author:</i> Eliano Bonaccorsi-Riani (Brussels, Belgium)		
LB-eP-58	The predictive value of γ-glutamyl transferase to serum albumin ratio in HCC patients after liver transplantation (γ- □□□□□□/□□□□□□□□□□□□□□□□□□□□□□□□)	18:15 - 18:15
LB-eP-59	Auxiliary liver transplantation for acute fulminant liver failure secondary to Amanita phalloides toxicity	18:15 - 18:15
<i>Poster Author:</i> Arun Menon (San Francisco, United States)		
LB-eP-60	Major liver resection for advanced alveolar echinococcosis: a best alternative to Liver transplantation in the LDLT era	18:15 - 18:15
<i>Poster Author:</i> Cemalettin Koc (Malatya, Turkey)		
LB-eP-61	Bigger but not better: large-for-size syndrome in liver transplantation, a case presentation	18:15 - 18:15
<i>Poster Author:</i> Arun Menon (San Francisco, United States)		
LB-eP-62	Infliximab-induced seronegative hepatitis leading to acute liver failure and liver transplant: a case report	18:15 - 18:15
<i>Poster Author:</i> Asad Mehmood (Alexandria, United States)		
LB-eP-63	Unchanged SVR during the neo-hepatic phase may be an early indicator of graft dysfunction / rejection in the liver transplantation (case report)	18:15 - 18:15
<i>Poster Author:</i> Hyung Sun Choi (Chicago, United States)		
LB-eP-64	COVID-19 in adult-to-adult living donor liver transplantation recipient: a case report	18:15 - 18:15
<i>Poster Author:</i> Geunhyeok Yang (Seoul, Korea, Republic of)		
LB-eP-65	Successful liver transplantation surgery in patients after complex biliary surgery supported by ECMO	18:15 - 18:15
<i>Poster Author:</i> Shuo Wang (HangZhou, China)		
LB-eP-66	Impact of multiprofessional education on prevention and risk management in bronchopulmonary aspiration among patients in the gastric surgery specialty	18:15 - 18:15
<i>Poster Author:</i> Ilka Boin (Campinas, Brazil)		
LB-eP-67	Risk analysis and evaluation of bronchopulmonary aspiration in elderly patients admitted to the gastric surgery specialty of a university hospital	18:15 - 18:15
<i>Poster Author:</i> Ilka Boin (Campinas, Brazil)		
LB-eP-68	Demand for liver transplant centers in Poland; objectified indicators	18:15 - 18:15
<i>Poster Author:</i> Jarosław Czerwiński (Warsaw, Poland)		
LB-eP-69	Panorama of liver transplantation in Poland; current status, numbers, indicators and trends	18:15 - 18:15
<i>Poster Author:</i> Jarosław Czerwiński (Warsaw, Poland)		
	Late-Breaking Surgical Video Abstracts	18:15 - 18:15
LB-VeP-01	Confronting a disaster scenario in a robotic right hepatectomy for living donation: hepatic vein hemorrhage	18:15 - 18:15
<i>Poster Author:</i> Stephan Gruessner (Chicago, United States)		
LB-VeP-02	Why worry when there is no "Y" !!	18:15 - 18:15
<i>Poster Author:</i> Lohit Shetty Raju (Bangalore, India)		

Social Event

19:30 - 21:00

Opening Reception

Exhibition

Thursday, 02. May 2024*Vanguard Session*

07:00 - 07:50

Vanguard Debates Session*Chair:* Henrik Petrowsky (Zurich, Switzerland)*Chair:* Alexandra Shingina (Nashville, United States)**Surgical vs Endoscopic vs Pharmacological treatment of obesity pre and/or post-LT: Pro Surgical**

07:00 - 07:10

Speaker: Sadhana Shankar (Leeds, United Kingdom)**Surgical vs Endoscopic vs Pharmacological treatment of obesity pre and/or post-LT: Pro Endoscopic/Pharmacological**

07:10 - 07:20

Speaker: Manhal Izzy (Nashville, United States)**Re-transplantation: when to stop? Limited vs unlimited offers: Pro limited**

07:20 - 07:30

Speaker: Varvara Kirchner (United States)**Re-transplantation: when to stop? limited vs unlimited offers: Pro unlimited**

07:30 - 07:40

Speaker: Tommaso Di Maira (Valencia, Spain)**Cannabis/Marijuana is a contraindication for living donor or LT recipient: Hepatologist's point of view**

07:40 - 07:50

Speaker: Qasim Khan (London, Canada)**Cannabis/Marijuana is a contraindication for living donor or LT recipient: Anesthesiologist point of view**

07:50 - 08:00

Speaker: Alexandra Anderson (Rochester, United States)*Poster Presentation*

07:00 - 08:00

Selected Poster - Flash Presentations*Moderator:* Timothy Eric Newhook (Texas, United States)*Moderator:* Tiffany CL Wong (Hong Kong, Hong Kong)**FP-01 Natural killer cell-derived granzyme B as a novel therapeutic target for mitigating graft injury during liver transplantation**

07:00 - 07:07

Flash Poster Presenter: Libin Dong (Hangzhou, China)**FP-02 Using machine learning to predict early allograft dysfunction of livers after normothermic machine perfusion**

07:07 - 07:14

Flash Poster Presenter: Haritz Irizar (New York, United States)**FP-03 Is Duration of Normothermic Machine Perfusion a Predictor of Early Allograft Dysfunction in Liver Transplantation?**

07:14 - 07:21

Flash Poster Presenter: Kumaran Shanmugarajah (Cleveland, United States)**FP-04 The role of the comprehensive complication index in the prediction of tumor-related death in transplanted patients with hepatocellular carcinoma**

07:21 - 07:28

Flash Poster Presenter: Quirino Lai (Rome, Italy)**FP-05 Efficacy and safety of High Volume Plasma Exchange in children with acute liver failure - a prospective pilot study**

07:28 - 07:35

Flash Poster Presenter: Arti Pawaria (New Delhi, India)**FP-06 Ninety-day complications and costs of liver transplantation with Normothermic Machine Perfusion: a multi-center, real-world risk-matched analysis**

07:35 - 07:42

FP-07 **Neoadjuvant systemic therapy approach to liver transplantation for peri-hilar cholangiocarcinoma - a single center experience** 07:42 - 07:49

Flash Poster Presenter: Nadine Soliman (Manchester, United Kingdom)

FvP-01 **Seven tips for minimally invasive recipient surgery in living donor liver transplantation** 07:49 - 07:57

Flash Poster Presenter: Kwang-Woong Lee (Seoul, Korea, Republic of)

Plenary Abstract Session

08:00 - 09:15

Rising Star Session

Chair: R. Mark Ghobrial (Houston, United States)

Chair: Mohamed Rela (Chennai, India)

RS-01 **Can human livers regenerate on long-term (>7 days) ex-situ normothermic machine perfusion?** 08:00 - 08:17

Mentee: Anita Niu (Sydney, Australia)

Mentor: Carlo Pulitano (Sydney, Australia)

RS-02 **Deciphering metabolic and vascular perturbations: a comprehensive analysis of hepatic alterations in extended criteria donor livers** 08:17 - 08:34

Mentee: Shafquat Azim (Baltimore, United States)

Mentor: Daniel Maluf (Maryland, United States)

RS-03 **Dynamic prediction of waitlist and post-transplant survival in hepatocellular carcinoma (HCC) patients undergoing liver transplant** 08:34 - 08:51

Mentee: Hao Liu (Pittsburgh, United States)

Mentor: Michele Molinari (Pittsburgh, United States)

RS-04 **Large-scale whole-genome sequencing of hepatocellular carcinomas reveals step-wise cancer evolution** 08:51 - 09:08

Mentee: Suk Kyun Hong (Seoul, Korea, Republic of)

Mentor: Kyung-Suk Suh (Seoul, Korea, Republic of)

Award Ceremony 09:08 - 09:15

Poster Viewing

08:00 - 15:15

ePoster Viewing

Other

09:15 - 09:45

Presidential Address by Dr. R Mark Ghobrial

Presidential address

09:15 - 09:40

Speaker: R. Mark Ghobrial (Houston, United States)

State-of-the-Art Session

10:00 - 10:30

State of the Art I: Evolution of LDLT: What the Future Brings?

Chair: Charles Miller (Cleveland, United States)

Introduction by the chair

10:00 - 10:05

Evolution of LDLT: What the future brings?

10:05 - 10:30

Speaker: Mark Cattral (Toronto, Canada)

Break

10:30 - 11:00

Exhibition

Coffee Break*Special Session/Joint Session*

11:00 - 12:15

ILTS/AST/ASTS Joint Symposium*Chair:* Elizabeth Pomfret (Denver, United States)*Chair:* Andrea Schlegel (Milan, Italy)*Chair:* Valeria R. Mas (Baltimore, United States)**Bioengineered organs: 3-D printing of liver and liver organelles - Will this be the answer?**

11:00 - 11:15

Speaker: Constantine Karvellas (Edmonton, Canada)**Bioengineering Liver Transplantation**

11:15 - 11:30

Speaker: Luc van der Laan (Rotterdam, Netherlands)**Bioartificial liver: MARS, decellularized tissue matrix, spheroids—Which device and which patient may benefit?**

11:30 - 11:45

Speaker: Scott Nyberg (Rochester, United States)**Discussion**

11:45 - 12:15

Featured Symposium

11:00 - 12:15

Acute Liver Failure Featured Symposium: ALF 2.0: Rethinking Management for a Promising Future*Chair:* Audrey Coilly (Paris, France)*Chair:* Fuat H. Saner (Riyadh, Saudi Arabia)**Immunotherapy and ALF: Pioneering precision medicine for acute liver failure**

11:00 - 11:15

Speaker: Dhupal Patel (Cambridge, United Kingdom)**Extracellular vesicles and ALF: Unveiling novel therapeutic avenues**

11:15 - 11:30

Speaker: Gyongyi Szabo (Boston, United States)**AI in ALF: Redefining prognosis and personalized care**

11:30 - 11:45

Speaker: Alexandra T. Strauss (Baltimore, United States)**Reimagining organ health: The evolving role of perfusion machine in liver repair**

11:45 - 12:00

Speaker: Annemarie Weißenbacher (Innsbruck, Austria)**Panel discussion**

12:00 - 12:15

Featured Symposium

11:00 - 12:15

Liver Transplant Immunology Featured Symposium: Immunosuppression and immunomodulation in era of transplant oncology*Chair:* Manuel Rodríguez-Perálvarez (Córdoba, Spain)*Chair:* Claire Francoz (Clichy, France)**Immune mechanisms to fight cancer**

11:00 - 11:15

Speaker: Ashton Connor (Houston, United States)**Expanding the role of liver transplantation in primary and secondary malignancies**

11:15 - 11:30

Speaker: Julie K. Heimbach (Rochester, United States)**Immunosuppression strategies adapted to transplant oncology**

11:30 - 11:45

Speaker: Alessandro Parente (Rome, Italy)

	Harms and benefits of immunotherapy before and after liver transplantation	11:45 - 12:00
<i>Speaker: Sherrie Bhooiri (Milan, Italy)</i>		
	Panel discussion	12:00 - 12:15
 <i>Concurrent Oral Abstract Session</i> 11:00 - 12:15		
Concurrent Oral Abstract Session: Basic Science / Translational Research / Tolerance Induction		
<i>Chair: Paulo Martins (Worcester, United States)</i>		
<i>Chair: Sonya MacParland (Toronto, Canada)</i>		
O-001	Enhancing mesenchymal stem cell efficacy with rapamycin loaded polymeric nanoparticles against hepatic ischemia-reperfusion injury	11:00 - 11:10
<i>Oral Abstract Presenter: Yiyang Sun (Hangzhou, China)</i>		
O-002	Tumor-derived exosomal FTH1 impaired antitumor function of CD8⁺ T cells via ferroptosis in hepatocellular carcinoma	11:10 - 11:20
<i>Oral Abstract Presenter: Wang Zhe (Hong Kong, Hong Kong)</i>		
O-003	Pre-transplant enrichment of exhausted T cells in liver transplant recipients at high risk for persistent immune dysfunction and post-transplant mortality	11:20 - 11:30
<i>Oral Abstract Presenter: Shakhzoda Alimdjanova (Newark, United States)</i>		
O-004	Aberrant unsaturated fatty acid elongation mediated by ELOVL1 in steatotic grafts facilitates HCC recurrence after transplantation	11:30 - 11:40
<i>Oral Abstract Presenter: Zheng Jian (Hong Kong, Hong Kong)</i>		
O-005	Extended storage of swine livers up to 10 days using partial freezing	11:40 - 11:50
<i>Oral Abstract Presenter: Ozge Sila Ozgur (Boston, United States)</i>		
O-006	Liposome-stabilized WNT3A protein (L-WNT) upregulates adult hepatic stem cells and reduces cell death in liver during cold preservation	11:50 - 12:00
<i>Oral Abstract Presenter: Varvara Kirchner (United States)</i>		
O-007	Cryopreservation of liver tissue slices using vitrification and rapid rewarming for pharmacological applications	12:00 - 12:10
<i>Oral Abstract Presenter: Srivasupradha Ramesh (Minneapolis, United States)</i>		
 <i>Concurrent Oral Abstract Session</i> 11:00 - 12:15		
Concurrent Oral Abstract Session: Anesthesia / Critical Care Medicine / Acute Liver Failure		
<i>Chair: Michael A.E. Ramsay (Waco, United States)</i>		
<i>Chair: Ryan Chadha (Jacksonville, United States)</i>		
O-008	"Off-the-shelf" bioartificial liver support system using cryopreserved immobilized hepatocyte spheroids in a porcine acute liver failure model	11:00 - 11:10
<i>Oral Abstract Presenter: Sanghoon Lee (Seoul, Korea, Republic of)</i>		
O-009	Use of transesophageal echocardiography for liver transplantation: a global comparison of practice	11:10 - 11:20
<i>Oral Abstract Presenter: Dmitri Bezinover (Philadelphia, United States)</i>		
O-010	Elevated pulmonary artery pressure following reperfusion is associated with 30-day mortality in liver transplantation	11:20 - 11:30
<i>Oral Abstract Presenter: Chinnarat Pongpruksa (Khwaeng Thung Phaya Thai, Thailand)</i>		
O-011	Impact of pre-liver transplant hepatic encephalopathy on long-term post-transplant survival	11:30 - 11:40

Oral Abstract Presenter: Andrea Meinders (Houston, United States)

O-012 **Does systolic dysfunction really influence the outcome of liver transplantation? An evolving perspective** 11:40 - 11:50

Oral Abstract Presenter: Vijay Kant Pandey (New Delhi, India)

O-013 **Study on safety and efficacy of methadone and ketamine for intraoperative pain management during liver transplantation** 11:50 - 12:00

Oral Abstract Presenter: Elyse Manzo (Boston, United States)

O-014 **Safety and feasibility of enoxaparin prophylaxis in living donor hepatectomy for DVT and VTE prevention postoperatively: a prospective randomized double - blind study** 12:00 - 12:10

Oral Abstract Presenter: Vaishali Wadhwa (New Delhi, India)

Meet the Expert

11:00 - 11:35

Meet-The-Expert 1: Transplant in Neonates: LDLT for neonates?

Transplant in Neonates: LDLT for neonates?

11:00 - 11:10

Speaker: Mohamed Rela (Chennai, India)

Transplant in Neonates: LDLT for neonates?

11:10 - 11:20

Speaker: Mureo Kasahara (Tokyo, Japan)

Discussion

11:20 - 11:35

Meet the Expert

11:40 - 12:15

Meet-The-Expert 2: HCC Today: To resect or to transplant?

HCC Today: To resect or to transplant?

11:40 - 11:50

Speaker: Umberto Cillo (Padova, Italy)

HCC Today: To resect or to transplant?

11:50 - 12:00

Speaker: Talia Baker (United States)

Discussion

12:00 - 12:15

Break

12:15 - 13:45

Exhibition

Lunch Break

Industry Sponsored Session

12:30 - 13:30

Industry Symposium

OCS Liver: The New Benchmark for Liver Transplantation

12:30 - 12:30

OLP Registry Report: Achieving superior graft and patient survival

12:30 - 12:42

Benefits of using OCS Liver with DBD Donors

12:42 - 12:54

Realizing the full potential of DCD livers to achieve excellent outcomes

12:54 - 13:06

Transformation of transplant programs with OCS Liver

13:06 - 13:18

Review of the U.S. National OCS Program (NOP) for Liver

13:18 - 13:30

Transplantation*Parallel Session*

13:45 - 16:15

Anesthesia and Critical Care Parallel Session I/II**Part I: Perioperative Challenges**

13:45 - 13:45

Chair: Dmitri Bezinover (Philadelphia, United States)*Chair:* Ashish Malik (New Delhi, India)**Preoperative Risk Stratification of liver transplant recipient's: Before and Now**

13:45 - 13:57

Speaker: Emmanuel Weiss (Paris, France)**Atrial Fibrillation and Liver Transplantation**

13:57 - 14:09

Speaker: Victor Xia (United States)**Inducible LVOTO in the Perioperative Settings**

14:09 - 14:21

Speaker: Achal Dhir (London, Canada)**Perioperative Renal Protective Strategies: What's New in 2024**

14:21 - 14:33

Speaker: Christine Nguyen-Buckley (Los Angeles, United States)**Panel discussion**

14:33 - 14:48

Break

14:48 - 14:53

Part II: Outliers in Liver Transplant Anesthesia

14:53 - 14:53

Chair: James Findlay (Rochester, United States)*Chair:* Govind Rangrass (St Louis, United States)**Fast Tracking in Pediatric Liver Transplant Anesthesia: Challenges and Evolution of Practices**

14:53 - 15:05

Speaker: Ashish Malik (New Delhi, India)**Sequential vs Combined Liver Kidney transplant: Anesthesiologist's Perspective**

15:05 - 15:17

Speaker: Justin Sangwook Ko (Seoul, Korea, Republic of)**Thromboprophylaxis in Liver Transplant: Newer Agents and Strategies**

15:17 - 15:29

Speaker: Annabel Blasi (Barcelona, Spain)**Panel discussion**

15:29 - 15:39

Break

15:39 - 15:44

Part III: Postoperative Challenges in ICU: SEPSIS / Early Graft Dysfunction or rejection / Small for Size (DDLT / LDLT)

15:44 - 15:44

Chair: Gebhard Wagener (New York, United States)**Short presentations of clinical scenarios**

15:44 - 15:55

Senior Discussant: Gebhard Wagener (New York, United States)**Panel Discussion**

15:55 - 16:15

Panel Discussant: Fuat H. Saner (Riyadh, Saudi Arabia)*Panel Discussant:* Kunal Karamchandani (United States)*Panel Discussant:* Emmanuel Weiss (Paris, France)

Parallel Session

13:45 - 15:00

EDI Session: Advancing Liver Transplantation Through Inclusive Practices*Chair:* Oya Andacoglu (Oklahoma City, United States)*Chair:* Iman Fawzy Montasser (Cairo, Egypt)**The transplant patient experience through the lens of EDI**

13:45 - 14:00

Speaker: Sudha Kodali (Houston, United States)**Physician burnout: Unlearning medical culture**

14:00 - 14:15

Speaker: Kymberly Watt (Rochester, United States)**Climbing the career ladder: Strategies to a successful journey in academia**

14:15 - 14:30

Speaker: Elizabeth Pomfret (Denver, United States)**From classroom to boardroom: Growing as an academic leader**

14:30 - 14:45

Speaker: Patrizia Burra (Padua, Italy)**Panel discussion**

14:45 - 15:00

Chair: Martin Montenovo (Nashville, United States)*Panel Discussant:* Elizabeth Pomfret (Denver, United States)*Panel Discussant:* Patrizia Burra (Padua, Italy)*Panel Discussant:* Kymberly Watt (Rochester, United States)*Panel Discussant:* Sudha Kodali (Houston, United States)*Special Session/Joint Session*

13:45 - 15:00

ESOT/ILTS Joint Symposium: NRP - Ethical challenges and controversies*Chair:* Markus Selzner (Toronto, Canada)*Chair:* Miriam Cortes-Cerisuelo (London, United Kingdom)**Ethical challenges in NRP**

13:45 - 13:45

Solutions to the ethical challenges - A European view

13:45 - 14:00

Speaker: Alicia Perez Blanco (Madrid, Spain)**A US perspective on ethical challenges with NRP**

14:00 - 14:15

Speaker: Ryutaro Hirose (San Francisco, United States)**Is NRP enough for the DCD donor?**

14:15 - 14:30

Speaker: Gabriel Oniscu (Stockholm, Sweden)**NRP in multiorgan retrievals**

14:30 - 14:45

Speaker: Trevor Nydam (Denver, United States)**Discussion**

14:45 - 15:00

Concurrent Oral Abstract Session

13:45 - 15:00

Concurrent Oral Abstract Session: Transplant Oncology & Radiology*Chair:* Laura Kulik (Chicago, United States)*Chair:* Krishna Menon (London, United Kingdom)

O-015

Long-term outcomes of liver transplantation in hepatocellular carcinoma patients with portal vein tumor thrombosis after downstaging

13:45 - 13:55

Oral Abstract Presenter: Deok-Bog Moon (Seoul, Korea, Republic of)

O-016

Optimization of moderate to severe macrosteatosis graft utility by HAML score in liver transplantation for hepatocellular carcinoma

13:55 - 14:05

Oral Abstract Presenter: Libin Dong (Hangzhou, China)

O-017

Single-cell transcriptomics reveals pulmonary microenvironment

14:05 - 14:15

for hepatocellular carcinoma metastasis under different immunosuppression backgrounds

Oral Abstract Presenter: Yiyang Sun (Hangzhou, China)

O-018 **Integration of a novel liquid biopsy-based methylation profiling platform with artificial intelligence enables BCLC Staging** 14:15 - 14:25

Oral Abstract Presenter: Raman Srikar (Chennai, India)

O-019 **Timely referral of patients with unresectable colorectal liver metastases to oncologic transplant centers is associated with eligibility for liver transplantation** 14:25 - 14:35

Oral Abstract Presenter: Mariana Chavez Villa (Rochester, United States)

O-020 **Molecular profiling of cholangiocarcinoma informs transplant oncology strategies** 14:35 - 14:45

Oral Abstract Presenter: Ashton Connor (Houston, United States)

O-021 **Comparative outcome analysis of lenvatinib versus sorafenib for recurrence of hepatocellular carcinoma after liver transplantation** 14:45 - 14:55

Oral Abstract Presenter: Christian Tibor Josef Magyar (Toronto, Canada)

Concurrent Oral Abstract Session

13:45 - 15:00

Concurrent Oral Abstract: Surgical Videos

Chair: Bijan Egtesad (Cleveland, United States)

Chair: Atsushi Shimizu (Shimotsuke, Japan)

OV-001 **Cutting-edge confluence: integrating advanced techniques in pure 3D laparoscopic donor hepatectomy** 13:45 - 13:55

Oral Abstract Presenter: Kyung-Suk Suh (Seoul, Korea, Republic of)

OV-002 **Six key strategies to minimize complications in pure laparoscopic living donor right hepatectomy: insight for surgical experience** 13:55 - 14:05

Oral Abstract Presenter: Kwang-Woong Lee (Seoul, Korea, Republic of)

OV-003 **Novel surgical technique using gastroepiploic vein for portal inflow restoration in living-donor liver transplantation in a patient with diffuse portomesenteric thrombosis** 14:05 - 14:15

Oral Abstract Presenter: Deok-Bog Moon (Seoul, Korea, Republic of)

OV-004 **Advantages of robotic approach for the management of late biliary complications in liver transplantation** 14:15 - 14:25

Oral Abstract Presenter: Victor Lopez-Lopez (Murcia, Spain)

OV-005 **Successful laparoscopic living donor right hepatectomy in a case with challenging portal vein variation** 14:25 - 14:35

Oral Abstract Presenter: Hyun Hwa Choi (Seoul, Korea, Republic of)

OV-006 **Split liver transplant** 14:35 - 14:45

Oral Abstract Presenter: Nigel Heaton (London, United Kingdom)

OV-007 **Difficult anatomic variations in robotic donor right hepatectomy: tips to tackle** 14:45 - 14:55

Oral Abstract Presenter: Binoj S T (Kochi, India)

Meet the Expert

13:45 - 14:20

Meet The Expert 3: Recurrence of Immune mediated disease post LTx

Recurrence of Immune mediated disease post LTx

13:45 - 13:55

Speaker: Sarwa Darwish Murad (Rotterdam, Netherlands)

Recurrence of Immune mediated disease post LTx

13:55 - 14:05

Speaker: Aldo Montano-Loza (Alberta, Canada)

Discussion		14:05 - 14:20
<i>Meet the Expert</i> 14:24 - 14:54		
Meet-The-Expert 4: Integrated multidisciplinary care pathway for ALD patients during pre and post transplant care		
	Integrated multidisciplinary care pathway for ALD patients during pre and post transplant care	14:24 - 14:34
<i>Speaker:</i> Josee Lynch (Ontario, Canada)		
	Integrated multidisciplinary care pathway for ALD patients during pre and post transplant care	14:34 - 14:44
<i>Speaker:</i> Nazia Selzner (Toronto, Canada)		
Discussion		14:44 - 14:59
<i>Industry Sponsored Session</i> 15:10 - 15:40		
Industry Presentation		
	Treatment and Assessment of Liver Grafts During HOPE	15:10 - 15:40
<i>Industry Sponsored Session</i> 15:15 - 16:15		
Industry Session		
	Cool Perspectives - Pushing the Boundaries of Liver Perfusion	15:15 - 15:15
	Welcome	15:15 - 15:17
	Introduction	15:17 - 15:20
	Time Matters: Game-Changing Approach to Prolonging Liver Preservation with DHOPE	15:20 - 15:35
	Navigating the Cold: Current State and Strive for Assessment - The Vienna Experience	15:35 - 15:50
	Expanding Availability: Combined temperatures and combined perfusions: What's Next?	15:50 - 16:05
	Discussion	16:05 - 16:15
<i>Poster Presentation</i> 15:15 - 16:15		
Selected Poster - Flash Presentations		
<i>Moderator:</i> Juan C Caicedo-Ramirez (United States)		
<i>Moderator:</i> Abbas Rana (United States)		
FP-10	Change in corrected portal pressure during living donor hepatectomy: does it influence the postoperative liver function?	15:15 - 15:22
<i>Flash Poster Presenter:</i> Vijay Kant Pandey (New Delhi, India)		
FP-11	Combined heart-liver vs. isolated heart transplantation in patients with familial amyloidosis	15:22 - 15:29
<i>Flash Poster Presenter:</i> Zach Rollins (Richmond, United States)		
FP-12	Advantages of prolonged hypothermic oxygenated perfusion	15:29 - 15:36

(HOPE): results from Italy*Flash Poster Presenter:* Riccardo De Carlis (Milan, Italy)

FP-13 **Stereotactic body radiotherapy as a bridging therapy to liver transplant in patients with hepatocellular carcinoma** 15:36 - 15:43

Flash Poster Presenter: Zhihao Li (Toronto, Canada)

FP-14 **Implementation of acuity circles model of liver transplant graft allocation modulates donor liver offers** 15:43 - 15:50

Flash Poster Presenter: Amanda Brintlinger (Minneapolis, United States)

FP-15 **Pediatric liver transplant recipients experience similar outcomes regardless of induction agents or steroid use in immunosuppressive regimens** 15:50 - 15:57

Flash Poster Presenter: Sana Erabti (Amarillo, United States)

FP-16 **Post-liver transplant outcomes of patients with Acute-on-Chronic Liver Failure (ACLF) 3 are equivalent to ACLF 1 and 2: a single high-acuity center analysis** 15:57 - 16:04

Flash Poster Presenter: Constance Mobley (Houston, United States)

FvP-02 **Sterno-laparotomy and atrial cannulation for liver transplantation in the multi-disciplinary management of polycystic liver disease** 16:04 - 16:12

Flash Poster Presenter: Christian Robles (Barcelona, Spain)*Industry Sponsored Session*

15:45 - 16:15

Industry Presentation

A road to biomarker guided immunosuppression optimization 15:45 - 16:15

Poster Viewing

16:15 - 18:00

ePoster Viewing*Break*

16:15 - 16:45

Exhibition

Coffee Break*Parallel Session*

16:45 - 18:00

Vanguard Committee - Parallel Session 3: Variations in the Liver Allocation System Across Continents: A Focus on MELD Exception Points and Liver Malignancy*Chair:* Julie K. Heimbach (Rochester, United States)*Chair:* Tomohiro Tanaka (Iowa City, United States)

European Allocation Process (Eurotransplant) 16:45 - 16:53

Speaker: Wojciech Polak (Rotterdam, Netherlands)

European Allocation Process (France) 16:53 - 17:01

Speaker: Claire Francoz (Clichy, France)

European Allocation Process (Spain) 17:01 - 17:09

Speaker: Carmen Vinaixa (Valencia, Spain)

Asian Allocation Process 17:09 - 17:17

Speaker: Gökhan Kabaçam (Ankara, Turkey)

South American Allocation Process 17:17 - 17:25

Speaker: Alan Contreras (Utah, United States)

North American Allocation Process-USA		17:25 - 17:33
<i>Speaker:</i> Anjana Pillai (Chicago, United States)		
North American Allocation Process-Canada		17:33 - 17:41
<i>Speaker:</i> Prosanto Chaudhury (Montreal, Canada)		
Panel Discussion		17:41 - 18:00
 <i>Featured Symposium</i> 16:45 - 18:00		
Cardiovascular Topics in Liver Transplantation Featured Symposium: Ensuring the Heart is Ready for Transplant		
<i>Chair:</i> Marina Gitman (Cleveland, United States)		
<i>Chair:</i> Kunal Karamchandani (United States)		
The Role of Cardiac MRI in Pre-Liver Transplant Cardiac Assessment		16:45 - 17:00
<i>Speaker:</i> Menhel Kinno (United States)		
Supporting the patient with cardiomyopathy through transplant: help is needed!		17:00 - 17:15
<i>Speaker:</i> Flora Simmons (Dallas, United States)		
A Fontan for Liver Transplant: How to Best Prepare for the OR		17:15 - 17:30
<i>Speaker:</i> Jared Cummings (Nashville, United States)		
Echocardiography for the diagnosis of pediatric cardiomyopathy		17:30 - 17:45
<i>Speaker:</i> Moreswar Desai (United States)		
Panel discussion		17:45 - 18:00
 <i>Featured Symposium</i> 16:45 - 18:00		
Infectious Diseases in LT Featured Symposium: Hot Topics in Infectious Diseases		
<i>Chair:</i> Jennifer Price (United States)		
<i>Chair:</i> Francesco Paolo Russo (Padua, Italy)		
<i>Chair:</i> Audrey Coilly (Paris, France)		
The virome as a biomarker of immunosuppression level		16:45 - 16:59
<i>Speaker:</i> Anna Mrzljak (Zagreb, Croatia)		
Tuberculosis prophylaxis and management post-LT		16:59 - 17:13
<i>Speaker:</i> Iman Fawzy Montasser (Cairo, Egypt)		
Infectious prophylaxis in LT today		17:13 - 17:27
<i>Speaker:</i> Atul Humar (Toronto, Canada)		
Selected Case Presentation: Cerebral norcardia in a post liver transplant patient presenting as a stroke		17:27 - 17:45
<i>Case Presenter:</i> Andrew Shubin (Dallas, United States)		
Discussion		17:45 - 18:00
 <i>Concurrent Oral Abstract Session</i> 16:45 - 18:00		
Concurrent Oral Abstract Session: Donation after Circulatory Death and Machine Perfusion		
<i>Chair:</i> Constance Mobley (Houston, United States)		
<i>Chair:</i> David Al Adra (Madison, United States)		
O-022	Integrated multiomics reveal spontaneous liver defatting during long-term normothermic machine perfusion	16:45 - 16:55

Oral Abstract Presenter: Anita Niu (Sydney, Australia)

O-023 **Outcomes of donation after circulatory death livers treated with thrombolysis on ex situ normothermic machine perfusion** 16:55 - 17:05

Oral Abstract Presenter: Rohit Gaurav (Cambridge, United Kingdom)

O-024 **Mitochondrial Injury during Normothermic Machine Perfusion predicts outcomes and costs after liver transplantation - The first analysis in 200 human livers** 17:05 - 17:15

Oral Abstract Presenter: Khaled Ali (Cleveland, United States)

O-025 **Optimisation of donation after circulatory death (DCD) livers - removal of extracellular histones during normothermic perfusion and following whole blood reperfusion in an ex-situ porcine model** 17:15 - 17:25

Oral Abstract Presenter: Syed Hussain Abbas (Oxford, United Kingdom)

O-026 **Donation after circulatory death donor warm ischemia time: is there a superior definition?** 17:25 - 17:35

Oral Abstract Presenter: Nicolas Muñoz (Philadelphia, United States)

O-027 **NORMOTHERMIC LIVER MACHINE PERFUSION AT A LARGE EUROPEAN CENTER: REAL LIFE INSIGHTS FOLLOWING 238 APPLICATIONS** 17:35 - 17:45

Oral Abstract Presenter: Felix Julius Krendl (Innsbruck, Austria)

O-028 **Sequential normothermic regional and end-ischemic ex-situ machine perfusion allows the safe use of very old DCD donors in liver transplantation (DCDNet trial)** 17:45 - 17:55

Oral Abstract Presenter: Daniele Pezzati (Pisa, Italy)

Concurrent Oral Abstract Session

16:45 - 18:00

Concurrent Oral Abstract Session: Comorbidities and Liver Transplantation Outcomes / Immunosuppression I

Chair: Sander Florman (New York, United States)

Chair: Randolph H. Steadman (Houston, United States)

O-029 **Efficacy and safety of prophylactic anticoagulation after liver transplantation: a dual-center randomized controlled study** 16:45 - 16:55

Oral Abstract Presenter: Kunlin Xie (Chengdu, China)

O-030 **Dual heart liver transplantation: a 20-year analysis in the United States** 16:55 - 17:05

Oral Abstract Presenter: Ahmad Anouti (Dallas, United States)

O-031 **Comparison of Saroglitazar (Dual PPAR α / γ agonist) with Vitamin E versus Saroglitazar alone in management of Steatotic liver disease and/or metabolic dysfunction in liver transplant recipients** 17:05 - 17:15

Oral Abstract Presenter: Swapnil Dhampalwar (Gurgaon, India)

O-032 **GLP-1 receptor agonists and SGLT-2 inhibitors for the treatment of diabetes mellitus in liver transplant recipients** 17:15 - 17:25

Oral Abstract Presenter: Katina Zheng (Toronto, Canada)

O-033 **Complications following deceased donor and living donor liver transplantation in high-volume and intermediate-volume centers: experience from the global IMPROVEMENT project** 17:25 - 17:35

Oral Abstract Presenter: Marco Maria Pascale (Roma, Italy)

O-034 **Strategies to improve the outcome in smaller grafts (Graft to recipient weight ratio 0.7 and less) in adult-to-adult living donor liver transplantation** 17:35 - 17:45

Oral Abstract Presenter: Vasanthakumar Gunasekaran (Chennai, India)

O-035 **Chronic kidney disease after living donor liver transplantation:** 17:45 - 17:55

Prevalence and predictors

Oral Abstract Presenter: Prashant Bhangu (Medanta, India)

Meet the Expert

17:15 - 17:50

Meet-The-Expert 9: Immune Tolerance: Balancing Risks and Rewards**Immune tolerance: Balancing risks and rewards**

17:15 - 17:25

Speaker: Abraham Shaked (Philadelphia, United States)

Immune tolerance: Balancing risks and rewards - Pediatric aspects

17:25 - 17:35

Speaker: George Mazariegos (Pittsburgh, United States)

Discussion

17:35 - 17:50

Vanguard Session

18:00 - 19:00

Vanguard-Moderated Best Poster Session

Moderator: Nicholas Syn (Singapore, Singapore)

Moderator: Jiang Liu (Beijing, China)

FP-17

Delivery of regulatory T-cell therapy via ex-situ machine perfusion of the liver

18:00 - 18:08

Flash Poster Presenter: George Clarke (Birmingham, United Kingdom)

FP-18

Upregulation of the senescence genes *SFN* and *CDC6* correlates with poor survival in Stage II Hepatocellular Carcinoma

18:08 - 18:16

Flash Poster Presenter: Joshua Badshah (Stanford, United States)

FP-19

Influence of hypothermic oxygenated machine perfusion on the immunogenicity of donor livers

18:16 - 18:24

Flash Poster Presenter: Miriam Cortes-Cerisuelo (London, United Kingdom)

FP-20

Evolution of suitability of total robotic living donor hepatectomy from selected donors to all donors: donor and recipient outcomes

18:24 - 18:32

Flash Poster Presenter: Kamal Yadav (Gurugram, India)

FP-21

Explainable artificial neural networks improve the performance of the Gender-Equity Model for liver Allocation (GEMA) to prioritize candidates for liver transplantation

18:32 - 18:40

Flash Poster Presenter: Manuel Rodríguez-Perálvarez (Córdoba, Spain)

FP-22

Enhanced recovery after surgery in high-MELD patients undergoing liver transplantation: a single center evaluation

18:40 - 18:48

Flash Poster Presenter: Steffi Chan (Los Angeles, United States)

FP-24

Efficacy of donor-derived cell-free DNA based liquid biopsy for predication and differentiation of allograft dysfunction in pediatric liver transplantation

18:48 - 18:56

Flash Poster Presenter: Anu Vasudevan (Chennai, India)

Social Event

19:00 - 20:00

Vanguard Reception

Friday, 03. May 2024*Concurrent Oral Abstract Session*

07:15 - 08:30

Concurrent Oral Abstract Session: Living Donor Transplantation and Advanced Liver Surgery I*Chair:* Peter L. Abt (Philadelphia, United States)*Chair:* Shennen Mao (Jacksonville, United States)

O-036 **Biliary complications after adult-to-adult living-donor liver transplantation: an international multicenter study of 3633 cases** 07:15 - 07:25

Oral Abstract Presenter: Zhihao Li (Toronto, Canada)

O-037 **Outcomes of fully robotic recipient living donor liver transplant in relation to the open approach** 07:25 - 07:35

Oral Abstract Presenter: Massimo Malago (Riyad, Saudi Arabia)

O-039 **Superior donor and recipient outcomes in 1,724 robotic vs. laparoscopic or open hepatectomies: a single center study** 07:35 - 07:45

Oral Abstract Presenter: Massimo Malago (Riyad, Saudi Arabia)

O-038 **Risk factors for hepatic artery thrombosis in adult and pediatric living-donor liver transplantation: a proposal of "HAT Risk Score"** 07:45 - 07:55

Oral Abstract Presenter: Tetsuya Tajima (Kyoto, Japan)

O-040 **Initial experience of minimal invasive living donor liver transplantation: from hybrid surgery to totally laparoscopic approach** 07:55 - 08:05

Oral Abstract Presenter: Jinsoo Rhu (Seoul, Korea, Republic of)

O-041 **Totally robotic donor hepatectomy; a multicenter experience** 08:05 - 08:15

Oral Abstract Presenter: Yee Lee Cheah (Burlington, United States)*Concurrent Oral Abstract Session*

07:15 - 08:30

Concurrent Oral Abstract Session: Comorbidities and Liver Transplantation Outcomes / Immunosuppression II*Chair:* Atoosa Rabiee (Washington, United States)*Chair:* Mario Vilatoba (Mexico City, Mexico)

O-043 **Living donor liver transplantation for metabolic dysfunction and alcohol associated/related liver disease versus alcohol associated liver disease: Implications of applying the new steatotic liver disease nomenclature** 07:15 - 07:27

Oral Abstract Presenter: Swapnil Dhampalwar (Gurgaon, India)

O-044 **Impact of bariatric surgery on steatotic liver disease and liver transplant patients: an umbrella review with meta-meta-analysis** 07:27 - 07:39

Oral Abstract Presenter: Abdul Rahman Hakeem (London, United Kingdom)

O-046 **Outcomes from early liver transplantation for alcohol-associated liver disease at a single center** 07:39 - 07:51

Oral Abstract Presenter: Andrea Meinders (Houston, United States)

O-047 **Post-Transplant outcomes comparing kidney after liver (safety net) vs. kidney transplants alone** 07:51 - 08:03

Oral Abstract Presenter: Ashwani Singal (Louisville, United States)

O-048 **Liver re-transplantation: identifying factors to predict futility** 08:03 - 08:15

Oral Abstract Presenter: Srinath Chinnakotla (Minneapolis, United States)

O-049 **Pregnancy outcomes in liver transplant recipients** 08:15 - 08:27

Oral Abstract Presenter: Yooyun Chung (London, United Kingdom)

Vanguard Session

07:30 - 08:30

Vanguard Grand Rounds: Case Presentations*Chair:* Irene Scalera (Bari, Italy)*Chair:* Pooja Bhangui (Gurgaon, India)

Case Presentation: What is the ideal timing for Retransplant following Post Transplant Lymphoproliferative Disorder (PTLD) diagnosis? A challenging case of regraft for veno-occlusive disease secondary to PTLD

07:30 - 07:38

Case Presenter: Ruth Blanco Colino (Leeds, United Kingdom)

Case Discussion: What is the ideal timing for Retransplant following Post Transplant Lymphoproliferative Disorder (PTLD) diagnosis? A challenging case of regraft for veno-occlusive disease secondary to PTLD

07:38 - 07:45

Senior Discussant: Alessandra Mazzola (Paris, France)**Q&A/Joint Discussion**

07:45 - 07:50

Case Presentation: Simultaneous aortic valve replacement and orthotopic liver transplantation in the era of transcatheter aortic valve replacement

07:50 - 07:58

Case Presenter: Alejandro Chavarriaga (Tampa, United States)

Case Discussion: Simultaneous aortic valve replacement and orthotopic liver transplantation in the era of transcatheter aortic valve replacement

07:58 - 08:05

Senior Discussant: Ryan Chadha (Jacksonville, United States)**Q&A/Joint Discussion**

08:05 - 08:10

ABO blood-type incompatible living-donor liver transplantation in an adult with the highest anti-B antibody-titer than ever: How to achieve "Accommodation"?

08:10 - 08:18

Case Presenter: Tetsuya Tajima (Kyoto, Japan)

Case Discussion: ABO blood-type incompatible living-donor liver transplantation in an adult with the highest anti-B antibody-titer than ever: How to achieve "Accommodation"?

08:18 - 08:25

Senior Discussant: Young-In Yoon (Seoul, Korea, Republic of)**Q&A/Joint Discussion**

08:25 - 08:30

Poster Presentation

07:30 - 08:30

Selected Poster - Flash Presentations*Moderator:* James Fung (Hong Kong, Hong Kong)*Moderator:* Nam-Joon Lee (Yi) (Seoul, Korea, Republic of)

FP-25

Comparison of different portal venous reconstruction techniques for multiple portal veins in Living Donor Liver Transplantation: a propensity score matched analysis

07:30 - 07:36

Flash Poster Presenter: Koustav Jana (Chennai, India)

FP-26

Long-term outcomes of living donor liver transplantation and liver resection for treatment of hepatoblastoma

07:36 - 07:42

Flash Poster Presenter: Ivan Kotenko (Kyiv, Ukraine)

FP-27

Transluminal recanalization of chronic extensive mesenteric and portal vein thrombosis by combined transjugular and transmesenteric approaches: the rendezvous technique

07:42 - 07:48

Flash Poster Presenter: Petru Bucur (Tours, France)

FP-28

Intraoperative hepatic artery and portal vein flow measurements

07:48 - 07:54

predict postoperative outcomes after liver transplantation: a retrospective study in a high volume center

Flash Poster Presenter: Petru Bucur (Tours, France)

FP-29 **Liver CD69⁺CD103⁺T_{RM} is recruited by macrophage through CXCR3/CXCL9 axis in acute rejection after pediatric liver transplantation** 07:54 - 08:00

Flash Poster Presenter: Yunmu Gao (Shanghai, China)

FP-30 **RENAL RESISTIVE INDEX AS A PREDICTOR OF ACUTE KIDNEY INJURY IN PATIENTS UNDERGOING LIVING DONOR LIVER TRANSPLANTATION - A PROSPECTIVE OBSERVATIONAL STUDY** 08:00 - 08:06

Flash Poster Presenter: Kavinandan Gangaiah (Chennai, India)

FP-31 **Lethal comorbidity in blood type incompatibility living donor liver transplant for acute liver failure** 08:06 - 08:12

Flash Poster Presenter: Chih-Yao Hu (Taipei city, Taiwan)

FP-32 **Tacrolimus variability and HLA molecular mismatch as risk factors for acute rejection and its association with donor-specific antibodies in pediatric liver transplantation** 08:12 - 08:18

Flash Poster Presenter: Esteban Halac (Caba, Argentina)

FvP-03 **Tips and tricks in robotic right donor hepatectomy (RRDH): Port placements, retraction techniques, vascular dissection and division** 08:18 - 08:25

Flash Poster Presenter: Fysal Kollanta Valappil (Gurgoan, India)

Plenary Abstract Session

08:30 - 09:45

Plenary Abstract Session I

Chair: Patrizia Burra (Padua, Italy)

Chair: Robert Brown (New York, United States)

OP-01 **A Phase II randomized multicenter placebo-controlled blinded study of sorafenib adjuvant therapy in high-risk liver transplant recipients with hepatocellular carcinoma** 08:30 - 08:40

Oral Abstract Presenter: Francesca Kimelman (Los Angeles, United States)

OP-02 **Long-term outcomes after hypothermic oxygenated machine perfusion and transplantation of 1202 donor livers using real-world data** 08:40 - 08:50

Oral Abstract Presenter: Janina Eden (Groningen, Netherlands)

OP-03 **Outcomes of 6000 Living donor liver transplantation: a 30-Year Journey in a high-volume single Center** 08:50 - 09:00

Oral Abstract Presenter: Young-In Yoon (Seoul, Korea, Republic of)

OP-04 **Anonymous living liver donation improves access for medically underserved children in need of liver transplantation: The Toronto Experience** 09:00 - 09:10

Oral Abstract Presenter: Toshifumi Yodoshi (Toronto, Canada)

OP-05 **Analysis of treatment benefits and prognostic factors for post-transplant hepatocellular carcinoma recurrence in a large Euro-American-Asian cohort** 09:10 - 09:20

Oral Abstract Presenter: Zhihao Li (Toronto, Canada)

OP-06 **Plasma cell-free DNA methylomes for hepatocellular carcinoma detection and monitoring of recurrence after liver resection or transplantation** 09:20 - 09:30

Oral Abstract Presenter: Anand Ghanekar (Toronto, Canada)

OP-07 **Does living donor liver transplantation (LDLT) in patients with alcohol related liver disease (ArLD) presenting as acute-on-chronic liver failure (ACLF) respect the principles of equipoise?** 09:30 - 09:40

Oral Abstract Presenter: Prashant Bhangui (Medanta, India)

Poster Viewing

08:30 - 15:15

ePoster Viewing

State-of-the-Art Session

10:00 - 10:30

State of the Art I: NASH and microbiome and its role in LT

Chair: Kymberly Watt (Rochester, United States)

Introduction by the chair

10:00 - 10:05

NASH and microbiome and its role in LT: When will the microbiome be important for transplant patients?

10:05 - 10:30

Speaker: Jasmohan S. Bajaj (Richmond, United States)

Break

10:30 - 11:00

Exhibition

Coffee Break

Special Session/Joint Session

11:00 - 12:15

ILTS/EASL/AASLD Joint Symposium: Multi-organ transplants - How many is too many? Promises, Pitfalls and Ethical Dilemmas

Chair: Sarwa Darwish Murad (Rotterdam, Netherlands)

Chair: Anjana Pillai (Chicago, United States)

Chair: Mark Catral (Toronto, Canada)

Introduction - Epidemiology of multi organ transplantation across the globe

11:00 - 11:05

Speaker: Anjana Pillai (Chicago, United States)

Sink or Swim - Lung/Liver Indications

11:05 - 11:15

Speaker: Laura Donahoe (Toronto, Canada)

I heart you - Heart/Liver Indications

11:15 - 11:25

Speaker: Alexandra Shingina (Nashville, United States)

Just the two of us - Liver kidney indications and timing of kidney

11:25 - 11:35

Speaker: Anna Mrzljak (Zagreb, Croatia)

Three's a crowd: Multi-visceral Indications and outcomes

11:35 - 11:45

Speaker: Yaron Avitzur (Toronto, Canada)

How many organs are too many: Overstepping our boundaries

11:45 - 11:55

Speaker: Carrie Thiessen (United States)

Round table discussion

11:55 - 12:15

Featured Symposium

11:00 - 12:15

Transplant Oncology Featured Symposium

Chair: Sudha Kodali (Houston, United States)

Chair: Parissa Tabrizian (New York, United States)

Introduction by the chairs: Transplant oncology - Our mission

11:00 - 11:10

Review of the year

11:10 - 11:30

Speaker: Gonzalo Sapisochin (Toronto, Canada)

Liver transplantation for neuroendocrine tumor - where we stand?	11:30 - 11:45
<i>Speaker:</i> Taizo Hibi (Kumamoto, Japan)	
Multidisciplinary tumor board: Panel discussion	11:45 - 11:45
Advanced HCC and role of IO	11:45 - 12:00
<i>Panel Discussant:</i> Neil Mehta (United States)	
<i>Panel Discussant:</i> Francois Durand (Paris, France)	
<i>Panel Discussant:</i> Albert Chi Yan Chan (Hong Kong, Hong Kong)	
<i>Panel Discussant:</i> Milind Javle (Houston, United States)	
Advanced cholangiocarcinoma and role of LT	12:00 - 12:15
<i>Panel Discussant:</i> Neil Mehta (United States)	
<i>Panel Discussant:</i> Francois Durand (Paris, France)	
<i>Panel Discussant:</i> Albert Chi Yan Chan (Hong Kong, Hong Kong)	
<i>Panel Discussant:</i> Milind Javle (Houston, United States)	
<i>Featured Symposium</i> 11:00 - 12:15	
DCD, Preservation & Machine Perfusion Featured Symposium: Complexity of Viability Assessment in Liver Transplantation	
<i>Chair:</i> Steve Bynon (Houston, United States)	
<i>Chair:</i> James Guarrera (Newark, United States)	
Viability assessment during normothermic regional perfusion	11:00 - 11:17
<i>Speaker:</i> Davide Ghinolfi (Pisa, Italy)	
Viability assessment during normothermic machine perfusion	11:17 - 11:34
<i>Speaker:</i> Andrea Schlegel (Milan, Italy)	
Viability assessment during hypothermic oxygenated perfusion	11:34 - 11:51
<i>Speaker:</i> Gabriela A. Berlakovich (Vienna, Austria)	
Panel discussion	11:51 - 12:15
<i>Parallel Session</i> 11:00 - 12:15	
Education and Scholarship Committee Parallel Session 5: Organizing or Reviving a Liver Transplant Program: Lessons Learned from Around the World	
<i>Chair:</i> Juan Pablo Arab (London, Canada)	
<i>Chair:</i> Varvara Kirchner (United States)	
Organizing a LT program: key elements and potential challenges	11:00 - 11:15
<i>Speaker:</i> John Fung (Chicago, United States)	
Re-bumping an LT program: key elements and potential challenges	11:15 - 11:30
<i>Speaker:</i> Roberto Hernandez-Alejandro (Rochester, United States)	
Updates on education structure and requirement for trainees in liver transplantation	11:30 - 11:45
<i>Speaker:</i> Cynthia Tsien (Toronto, Canada)	
The keys of a multidisciplinary team for the outcomes in LT	11:45 - 12:00
<i>Speaker:</i> Zita Galvin (Dublin, Ireland)	
Discussion	12:00 - 12:15
<i>Concurrent Oral Abstract Session</i> 11:00 - 12:15	
Concurrent Oral Abstract Session: Pediatrics	
<i>Chair:</i> Vicky NG (Toronto, Canada)	
<i>Chair:</i> Douglas Farmer (Los Angeles, United States)	

O-050	Survival benefit of living donor availability for the pediatric population in a large North American center: an intention-to-treat analysis	11:00 - 11:10
<i>Oral Abstract Presenter:</i> Zhihao Li (Toronto, Canada)		
O-051	Is it time to introduce ex-situ normothermic machine perfusion in paediatric liver transplantation?	11:10 - 11:20
<i>Oral Abstract Presenter:</i> Anita Niu (Sydney, Australia)		
O-052	Analysis of tacrolimus to cyclosporine switch in pediatric liver transplantation: indications, safety & outcomes following re-challenge	11:20 - 11:30
<i>Oral Abstract Presenter:</i> Jagadeesh Menon (Chennai, India)		
O-053	Beneficial effect of the liver in pediatric dual organ transplantation. Analysis of the Scientific Registry of Transplant Recipients database (SRTR)	11:30 - 11:40
<i>Oral Abstract Presenter:</i> Tetsuya Tajima (Kyoto, Japan)		
O-054	Donor-derived cell-free DNA acts as a promising diagnostic biomarker for biopsy-proven acute rejection in pediatric liver transplant patients	11:40 - 11:50
<i>Oral Abstract Presenter:</i> Esteban Halac (Caba, Argentina)		
O-055	Development of a prognostic SPPLT model for long-term outcomes after pediatric liver transplantation	11:50 - 12:00
<i>Oral Abstract Presenter:</i> Yuan Liu (Shanghai, China)		
O-056	Natural history of early onset extrahepatic portal vein occlusion after pediatric liver transplantation: results from the PORTAL registry	12:00 - 12:10
<i>Oral Abstract Presenter:</i> Lydia Sieben (Groningen, Netherlands)		
<i>Meet the Expert</i> 11:00 - 11:35		
Meet-The-Expert 5: How Do I Manage Acute Liver Failure		
	How do I manage acute liver failure	11:00 - 11:10
<i>Speaker:</i> Georg Auzinger (London, United Kingdom)		
	How do I manage acute liver failure	11:10 - 11:20
<i>Speaker:</i> Francois Durand (Paris, France)		
	Discussion	11:20 - 11:35
<i>Meet the Expert</i> 11:40 - 12:15		
Meet-The-Expert 6: Treating and managing complications for immunotherapy in advanced chirotics		
	Treating and managing complications for immunotherapy in advanced chirotics	11:40 - 11:50
<i>Speaker:</i> Ahmed Kaseb (Houston, United States)		
	Treating and managing complication for immunotherapy in advanced chirotics	11:50 - 12:00
<i>Speaker:</i> Laura Kulik (Chicago, United States)		
	Discussion	12:00 - 12:15
<i>Break</i> 12:15 - 13:45		
Lunch Break		Exhibition

Industry Sponsored Session

12:30 - 13:30

Industry Symposium

NMP: Global Solutions for Global Challenges	12:30 - 12:30
Introduction	12:30 - 12:39
NMP in the UK: What Difference Has It Made?	12:39 - 12:56
NMP: Does it Meet the Australian Challenge?	12:56 - 13:13
NMP: Is it cost effective in the US?	13:13 - 13:30

Featured Symposium

13:30 - 15:00

Living Donor Liver Transplant SIG Featured Symposium: LDLT - Where do we push the boundaries?*Chair:* Yaman Tokat (Istanbul, Turkey)*Chair:* Giuliano Testa (Dallas, United States)

Use of LDLT in High risks recipients - Should LD graft be an option and if so how to approach it	13:30 - 13:45
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Speaker: Prashant Bhangui (Medanta, India)*Discussant:* Tetsuro Sakai (Pittsburgh, United States)

How to initiate an LDLT program, and how to maintain quality in a low-volume program	13:45 - 14:00
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Speaker: Nicolas Goldaracena (Toronto, Canada)*Discussant:* Talia Baker (United States)

Dual donation - Living liver and kidney donation simultaneously/before/after	14:00 - 14:15
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Speaker: Koji Hashimoto (Cleveland Clinic, United States)*Discussant:* Yaman Tokat (Istanbul, Turkey)

Living donation ABO incompatible vs SWAP vs anonymous donor	14:15 - 14:30
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Speaker: Nam-Joon Lee (Yi) (Seoul, Korea, Republic of)*Discussant:* Anjana Pillai (Chicago, United States)

Discussion	14:30 - 14:45
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In Focus Session

13:30 - 16:00

In Focus Session Basic Science and Translational Research: Unlocking Liver Transplantation: Pioneering Research and Today's Forefront Advances

Part I: The Multi-omics Revolution: Shaping the Future of Clinical Liver Transplants	13:30 - 13:30
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Chair: Nancy Kwan Man (Hong Kong, Hong Kong)

From genomes to outcomes: Demystifying multi-omics in liver transplantation	13:30 - 13:44
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Speaker: Valeria R. Mas (Baltimore, United States)

Zooming in on liver disease: The power of spatial transcriptomics in cell network analysis	13:44 - 13:58
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Speaker: Sonya MacParland (Toronto, Canada)

Immune exhaustion: Exploring the liver microenvironment for therapeutic target discovery using multi-omics	13:58 - 14:12
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Speaker: Nancy Kwan Man (Hong Kong, Hong Kong)

A spectrum of cells: exploring intratumoral differences and clonal dynamics in liver cancer	14:12 - 14:26
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Speaker: Augusto Villanueva (New York, United States)

Panel Discussion 14:26 - 14:40

Break 14:40 - 14:50

Part II: Revolutionizing Liver Transplantation: Cutting-Edge Interventions Unveiled 14:50 - 14:50

Chair: Eliano Bonaccorsi-Riani (Brussels, Belgium)

Unified frontiers: Surgeons, physicians, and scientists rethink liver transplantation 14:50 - 15:04

Speaker: Sandy Feng (United States)

Breathing life into high-risk liver grafts: Addressing mitochondrial hurdles and damage signals 15:04 - 15:18

Speaker: Andrew Barbas (Durham, United States)

Liver logic: Harnessing RNA nanotherapeutics for targeted treatment 15:18 - 15:32

Speaker: Mamatha Bhat (Toronto, Canada)

Beyond conventional care: The power of RNA nanomedicine in liver transplants 15:32 - 15:46

Panel discussion 15:46 - 16:00

Parallel Session
13:45 - 15:00

Pediatric w/ Vanguard Committee: Parallel Session 4: Our Smallest Recipients Need Our Biggest Efforts: Strategies for Successful Liver Transplantation

Chair: Abdul Rahman Hakeem (London, United Kingdom)

Chair: Sanghoon Lee (Seoul, Korea, Republic of)

Overview: Management of small babies and how to grow them pretransplant 13:45 - 13:57

Speaker: Vicky NG (Toronto, Canada)

Peri- and intra-operative challenges with small babies-Anesthesia and PICU management 13:57 - 14:09

Speaker: Baba Chiaki (Tokyo, Japan)

Advanced imaging to predict size-match and prevent large for size syndrome in young liver recipients 14:09 - 14:21

Speaker: Deniz Balci (Ankara, Turkey)

Surgical tips (Video): Monosegment vs. Variant donor hepatectomy 14:21 - 14:33

Speaker: Ashwin Rammohan (Chennai, India)

Surgical tips (Video): Recipient operation and tips for abdominal closure options 14:33 - 14:45

Speaker: Srinath Chinnakotla (Minneapolis, United States)

Discussion 14:45 - 15:00

Concurrent Oral Abstract Session
13:45 - 15:00

Concurrent Oral Abstract Session: Living Donor Transplantation & Advanced Liver Surgery II

Chair: Hiroto Egawa (Tokyo, Japan)

Chair: Mark Cattral (Toronto, Canada)

O-057 **The clinical outcome of hepatic artery dissection after living donor liver transplantation in a high volume center** 13:45 - 13:55

Oral Abstract Presenter: Sung Min Kim (Seoul, Korea, Republic of)

O-058	Outcomes of intermittent inflow occlusion (IIO) by pringle manoeuvre during robotic donor hepatectomy in adult LDLT with right hemiliver grafts: a prospective, randomized controlled trial	13:55 - 14:05
<i>Oral Abstract Presenter:</i> Madhu Srinivasan Durairaj (Ernakulam, India)		
O-059	Advancing risk prediction for early allograft dysfunction in living-donor liver transplantation: introducing the MEAD-LDLT score	14:05 - 14:15
<i>Oral Abstract Presenter:</i> Zhihao Li (Toronto, Canada)		
O-060	Two 5-way LPE experiences are possible from an interdisciplinary collaboration between health care professionals and design economists	14:15 - 14:25
<i>Oral Abstract Presenter:</i> Sezai Yilmaz (Malatya, Turkey)		
O-061	First reported cases of fully robotic donor hepatectomy and recipient liver transplants	14:25 - 14:35
<i>Oral Abstract Presenter:</i> Massimo Malago (Riyad, Saudi Arabia)		
O-062	3D auto-segmentation of vascular structures and hepatic sectional parenchyme of living liver donors using computed tomographic angiography: a deep learning model for automatic 3D volumetry	14:35 - 14:45
<i>Oral Abstract Presenter:</i> Jinsoo Rhu (Seoul, Korea, Republic of)		
O-063	Portal vein arterialization in 25 liver transplant recipients: a Latin American single-center experience	14:45 - 14:55
<i>Oral Abstract Presenter:</i> Nicolas Cortes-Mejia (Houston, United States)		
<i>Concurrent Oral Abstract Session</i>		
13:45 - 15:00		
Concurrent Oral Abstract - Potpourri Session: Donor/ Patient Selection / Organ Allocation & Infection /Pathology		
<i>Chair:</i> James Pomposelli (Denver, United States)		
<i>Chair:</i> Kymberly Watt (Rochester, United States)		
O-064	Organ Quality Assessment for Livers (OrQA-L): Real-time photographic assessment of macroscopic steatosis at time of retrieval using computer vision models	13:45 - 13:55
<i>Oral Abstract Presenter:</i> Georgios Kourounis (Newcastle upon Tyne, United Kingdom)		
O-065	Association of biological age with liver transplant waitlist outcomes at a single center	13:55 - 14:05
<i>Oral Abstract Presenter:</i> Mansi Sanghvi (Houston, United States)		
O-066	Effect of Donor Warm Ischemia Time (DWIT) during graft extraction in Robotic Donor Hepatectomy(RDH) on recipient outcomes - a propensity score matched analysis	14:05 - 14:15
<i>Oral Abstract Presenter:</i> Rajesh Rajalingam (chennai, India)		
O-067	Impact assessment of meld exception policy changes on hepatocellular waitlist dynamics	14:15 - 14:25
<i>Oral Abstract Presenter:</i> John Esli Medina-Morales (Newark, United States)		
O-068	Early bacteremia after liver transplantation	14:25 - 14:35
<i>Oral Abstract Presenter:</i> Joy John (Chennai, India)		
O-069	Multidrug-resistant bacterial infections after liver transplantation: prevalence, impact, and risk factors	14:35 - 14:45
<i>Oral Abstract Presenter:</i> Carmen Vinaixa (Valencia, Spain)		
O-070	¹³C-methacetin breath test enables assessment of liver function during hypothermic oxygenated machine perfusion	14:45 - 14:55
<i>Oral Abstract Presenter:</i> Efrayim Hursit Küçükerbil (Rotterdam, Netherlands)		

Meet the Expert

13:45 - 14:20

Meet-The-Expert 7: MASH and new drugs on the block**MASH and new drugs on the block**

13:45 - 13:55

Speaker: David W. Victor, III (Houston, United States)**MASH and new drugs on the block**

13:55 - 14:05

Speaker: Juan Pablo Arab (London, Canada)**Discussion**

14:05 - 14:20

Meet the Expert

14:25 - 15:00

Meet-The-Expert 8: Liver Transplantation for HCC and Portal Vein Thrombosis**Liver transplantation for HCC and portal vein thrombosis**

14:25 - 14:35

Speaker: Lucas Mc Cormack (Buenos Aires, Argentina)**Liver Transplantation for HCC and portal vein thrombosis**

14:35 - 14:45

Speaker: Chaya Shwaartz (Toronto, Canada)**Discussion**

14:45 - 15:00

Industry Sponsored Session

15:15 - 16:15

Industry Symposium**Evolution of Preservation: Leveraging Innovation to Drive Donor Liver Utilization**

15:15 - 15:15

Consistent Patterns: Early Indications of Improved Graft Viability From Controlled Hypothermic Preservation

15:15 - 15:45

Overcoming Distance and Donor Complexities: Enabling Successful Transplants of Long Distance and Declined Donor Livers

15:45 - 16:15

Poster Presentation

15:15 - 16:15

Selected Poster - Flash Presentations*Moderator:* Scott Lindberg (Houston, United States)*Moderator:* Ahmed M Elsabbagh (Mansoura, Egypt)

FP-33

Outcomes after LDLT with ultra-low graft-to-recipient weight ratio GRWR (<0.6) - single centre experience from Western India

15:15 - 15:21

Flash Poster Presenter: Amith Kumar Pakkala (Mumbai, India)

FP-34

Single center experience with liver transplantation for peri-hilar, intra-hepatic and mixed cholangiocarcinoma

15:21 - 15:27

Flash Poster Presenter: Ashish Saharia (Houston, United States)

FP-35

Combined heart-liver transplantation achieves excellent long-term survival: the Houston Methodist experience

15:27 - 15:33

Flash Poster Presenter: Constance Mobley (Houston, United States)

FP-36

Optimizing donor-recipient matching towards longer term graft survival following liver transplantation

15:33 - 15:43

FP-37

Liver Graft Assessment Following Transplantation (L-GrAFT) and Early Allograft Failure Simplified Estimation (EASE) kinetic scores accurately predict EAD after Liver Transplantation in a global cohort

15:43 - 15:49

Flash Poster Presenter: Marco Maria Pascale (Roma, Italy)

FP-38 **Portal vein complications in pediatric living donor liver transplantation** 15:49 - 15:55

Flash Poster Presenter: Muthukumarassamy Rajakannu (Chennai, India)

FP-39 **Utilisation of transoesophageal echocardiography in adult liver transplantation surgery: insights from a national survey in the United Kingdom** 15:55 - 16:01

Flash Poster Presenter: Fay Riley (London, United Kingdom)

FP-40 **Derivation and Potential Clinical Implications of Machine-Learning-Based Subtypes of Bloodstream Infections Post Liver Transplant** 16:01 - 16:07

Flash Poster Presenter: Ashton Connor (Houston, United States)

FvP-04 **Laparoscopic Monosegment II graft procurement with ICG fluorescent guiding in living donor hepatectomy** 16:07 - 16:14

Flash Poster Presenter: Lin Wei (Beijing, China)

Poster Viewing

16:15 - 18:00

ePoster Viewing

Break

16:15 - 16:45

Exhibition

Coffee Break

Parallel Session

16:45 - 18:00

Pediatric Committee Parallel Session 6: Two for one: setting up both adult and child split recipient for success

Chair: Kyung-Suk Suh (Seoul, Korea, Republic of)

Chair: John Goss (Houston, United States)

Choosing the pediatric and adult recipient for your split liver for the best outcome (including organ allocation) 16:45 - 17:00

Speaker: Blayne Sayed (Toronto, Canada)

Intra-operative anesthetic management of the split liver recipient 17:00 - 17:15

Speaker: Daniela Damian (Pittsburgh, United States)

Surgical tips in splitting: In situ vs. back table splitting 17:15 - 17:30

Speaker: George Mazariegos (Pittsburgh, United States)

Postoperative management of partial liver recipients (both pediatric and adult sides) 17:30 - 17:45

Speaker: Gomathy Narasimhan (Chennai, India)

Discussion 17:45 - 18:00

Featured Symposium

16:45 - 18:00

Advanced Techniques in Hepatobiliary Surgery SIG Symposium

Chair: Parissa Tabrizian (New York, United States)

Chair: Prashant Bhangui (Medanta, India)

Evolution of advanced HPB Surgery and liver transplantation: Alpps to Rapid Procedure 16:45 - 16:55

Speaker: Umberto Cillo (Padova, Italy)

Impact of MILS on current practice of- HCC treatment: Can we extend indications for curative surgery 16:55 - 17:05

Speaker: Albert Chi Yan Chan (Hong Kong, Hong Kong)

How will AI change future daily practice in advanced liver surgery 17:05 - 17:15

Speaker: Deniz Balci (Ankara, Turkey)

Speaker: Alfred Kow Wei Chieh (Singapore)

Extreme liver surgery in 2024: Still necessary ? 17:15 - 17:25

Speaker: Henrik Petrowsky (Zurich, Switzerland)

Use of robotic technology for advanced liver surgery 17:25 - 17:35

Speaker: Karim Halazun (New York, United States)

Precision medicine 2024: Does personalized medicine translate into personalized HPB Surgery 17:35 - 17:45

Speaker: Majella Doyle (St. Louis, United States)

Special Session/Joint Session

16:45 - 18:00

ILTS - Latin America Special Session: Liver Transplantation in Latin America

Chair: Martin Dib (Chile)

Chair: Federico Guillermo Villamil (Buenos Aires, Argentina)

Liver transplantation in Latin America: overview, reality and challenges 16:45 - 17:00

Speaker: Ignacio García-Juárez (Mexico City, Mexico)

Indications, prioritization and MELD exceptions 17:00 - 17:15

Speaker: María Cristina Torres (Colombia)

How to maximize deceased donor and living donor liver transplantation in the region 17:15 - 17:30

Speaker: Martin Dib (Chile)

Transplant registries and financial coverage for liver transplantation 17:30 - 17:45

Speaker: Maria Lucia Zanotelli (Porto Alegre, Brazil)

Discussion 17:45 - 18:00

Concurrent Oral Abstract Session

16:45 - 18:00

Concurrent Oral Abstract Session: Late Breaking Abstracts

Chair: Susan Orloff (Portland, United States)

Chair: David W. Victor, III (Houston, United States)

LB-O-01 **Mitochondrial Injury assessed in bile during Normothermic Machine Perfusion predicts biliary complications after liver transplantation** 16:45 - 16:55

Oral Abstract Presenter: Keyue Sun (Cleveland, United States)

LB-O-02 **Daratumumab: a new approach to managing refractory antibody mediated rejection in pediatric liver transplant patients** 16:55 - 17:05

Oral Abstract Presenter: Suzanne McDiarmid (United States)

LB-O-03 **A new era of liver transplantation: a large U.S. center experience with portable normothermic machine perfusion** 17:05 - 17:15

Oral Abstract Presenter: Mark Hobeika (Houston, United States)

LB-O-04 **SIMAP500: a novel risk score to identify recipients at higher risk of Hepatocellular Carcinoma recurrence following liver transplantation** 17:15 - 17:25

Oral Abstract Presenter: Bobby VM Dasari (Birmingham, United Kingdom)

LB-O-05 **AI to enhance liver allograft selection during DCD TA-NRP - can we** 17:25 - 17:35

see the forest for the trees?*Oral Abstract Presenter:* Yanik Bababekov (Aurora, United States)

LB-O-06 **The gender effect on the outcome of liver transplantation for colorectal liver metastases** 17:35 - 17:45

Oral Abstract Presenter: Jacopo Lanari (Padua, Italy)

LB-O-07 **Changing landscape of open offers in liver transplantation with machine perfusion: exposure, equity and economics** 17:45 - 17:55

Oral Abstract Presenter: Chase Wehrle (Cleveland, United States)*Concurrent Oral Abstract Session*

16:45 - 18:00

Concurrent Oral Abstract Session: Allied Health Professionals in Liver Transplantation*Chair:* Lara Elshove (Rotterdam, Netherlands)*Chair:* Dana Jakoubek (United States)

O-075 **Normothermic regional perfusion reduces resource utilization after DCD liver transplantation** 16:45 - 16:55

Oral Abstract Presenter: Jolynn Shinsako (United States)

O-071 **Liver 3D: The use of 3D printing in hepatic surgery of hepatobiliary tumors** 16:55 - 17:05

Oral Abstract Presenter: Georgios Tsoulfas (Thessaloniki, Greece)

O-072 **Evolution of the liver transplant coordinator: the transition to a hybrid NP coordinator at one of the oldest liver transplant centers in the U.S** 17:05 - 17:15

Oral Abstract Presenter: Katherine Meneses (Los Angeles, United States)

O-073 **Comparison of the predictive formulas (WHO & H&B) and the measured resting metabolism by means of indirect calorimetry during the screening of a liver transplantation** 17:15 - 17:25

Oral Abstract Presenter: Lieke de Kort (Rotterdam, Netherlands)

O-074 **Mapping a workflow for participatory design and development of surgical training virtual reality resources** 17:25 - 17:35

Oral Abstract Presenter: Georgios Tsoulfas (Thessaloniki, Greece)

O-076 **Liver transplantation or resection: role of radiological response after downstaging hepatocellular carcinoma. A multicenter cohort study** 17:35 - 17:45

Other

18:00 - 18:30

ILTS Members' - Town Hall Meeting**ILTS Society Updates**

18:00 - 18:30

Saturday, 04. May 2024*Special Session/Joint Session*

08:00 - 09:30

Business Practices Committee: "If you build it, they will come: Building a high functioning transplant unit"*Chair:* Daniel Maluf (Maryland, United States)*Chair:* James Pomposelli (Denver, United States)**Understanding the value proposition: The cost vs quality dilemma in transplant care and innovation**

08:00 - 08:20

Speaker: Markus Selzner (Toronto, Canada)**Moving from low volume to high volume transplant center: Pitfalls and pearls relating to patient outcomes**

08:20 - 08:20

Middle East experience

08:20 - 08:30

Speaker: Massimo Malago (Riyad, Saudi Arabia)**Asian Experience**

08:30 - 08:40

Speaker: Arvinder Singh Soin (Gurugram, India)**Building the winning team: recruiting, retaining and motivating talent in liver transplantation**

08:40 - 08:40

The surgical view

08:40 - 08:50

Speaker: Kim Olthoff (Philadelphia, United States)**The medical view**

08:50 - 09:00

Speaker: Norah Terrault (Los Angeles, United States)**Discussion**

09:00 - 09:30

Vanguard Session

08:00 - 09:00

Vanguard Surgical Video*Chair:* Madhukar Patel (Dallas, United States)*Chair:* Alfred Kow Wei Chieh (Singapore)**Robotic recipient LT operation**

08:00 - 08:20

Speaker: Rajesh Rajalingam (chennai, India)**Abdominal NRP for DCD**

08:20 - 08:40

Speaker: Shennen Mao (Jacksonville, United States)**Ex-Vivo Resection and auto-transplantation for hepatic alveolar echinococcosis**

08:40 - 09:00

Speaker: Jiang Liu (Beijing, China)*Poster Viewing*

09:00 - 12:15

Poster Viewing*State-of-the-Art Session*

09:45 - 10:15

State-of-the-Art Lecture III: Organ Allocation: The Next Millennium*Chair:* R. Mark Ghobrial (Houston, United States)**Introduction by the chair**

09:45 - 09:50

Organ allocation: The next millennium

09:50 - 10:15

Speaker: John Roberts (San Francisco, United States)

Break

10:15 - 10:45

Exhibition

Coffee Break

Plenary Abstract Session

10:45 - 12:05

Plenary Abstract Session II

Chair: Jan Lerut (Brussels, Belgium)

Chair: Suzanne McDiarmid (United States)

OP-08

Predictive efficacy of sarcopenia and its reversal on outcomes following pediatric living donor liver transplantation

10:45 - 10:55

Oral Abstract Presenter: Anu Vasudevan (Chennai, India)

OP-09

Pre-transplant metabolic tumor volume predicts recurrence following liver transplantation for colorectal metastasis: a multicenter validation study

10:55 - 11:05

Oral Abstract Presenter: Chase Wehrle (Cleveland, United States)

OP-10

Kidney function recovery after liver transplantation for patients with severe acute-on-chronic liver failure

11:05 - 11:15

Oral Abstract Presenter: Thierry Artzner (Strasbourg, France)

OP-11

CXCR6⁺CD69⁺ liver-resident memory CD8⁺ T cells (T_{RM}) limit HCC recurrence after LDLT via potentiating immune surveillance

11:15 - 11:25

Oral Abstract Presenter: Tao Ding (Hong Kong, Hong Kong)

OP-12

Prospective molecular profiling of hepatocellular carcinoma informs precision transplant oncology strategies

11:25 - 11:35

Oral Abstract Presenter: Ashton Connor (Houston, United States)

OP-13

Immune checkpoint inhibitors after liver transplantation: a French multicenter study

11:35 - 11:45

Oral Abstract Presenter: Eleonora De Martin (Villejuif, France)

OP-14

Validation of the Gender-Equity Model for liver Allocation (GEMA) in Spain: a nationwide cohort study

11:45 - 11:55

Oral Abstract Presenter: Manuel Rodríguez-Perálvarez (Córdoba, Spain)

OP-15

Real-world experience: superior patient and graft survival outcomes with OCS Liver

11:55 - 12:05

Oral Abstract Presenter: Mark Hobeika (Houston, United States)

Other

12:15 - 13:35

Best of ILTS

Chair: Nazia Selzner (Toronto, Canada)

Chair: R. Mark Ghobrial (Houston, United States)

Best of hepatology

12:15 - 12:35

Speaker: Sudha Kodali (Houston, United States)

Best of basic and translational science

12:35 - 12:55

Speaker: Xian Chang Li (Houston, United States)

Best of anesthesia

12:55 - 13:15

Speaker: James Findlay (Rochester, United States)

Best of surgery

13:15 - 13:35

Speaker: Roberto Hernandez-Alejandro (Rochester, United States)

Social Event

13:35 - 14:05

Closing Ceremony**Presentation of Young Investigator Awards**

13:35 - 13:45

Speaker: Nazia Selzner (Toronto, Canada)**Thank You!**

13:45 - 13:50

Speaker: R. Mark Ghobrial (Houston, United States)**Transition of Presidency**

13:50 - 13:57

Presenting ILTS 2025 Congress Destination

13:57 - 14:01

Speaker: Nazia Selzner (Toronto, Canada)**Closing of the ILTS 2024 Annual Congress**

14:01 - 14:05

Speaker: Nazia Selzner (Toronto, Canada)