

Scientific Program

Wednesday, 15 May 2019

Others
08:30 - 12:00

Organ Perfusion Workshop

Organ Perfusion Workshop

Others
10:00 - 11:30

203A

TTE course

Featured Symposium
10:30 - 16:10

104AB

Pre-meeting Symposium on Transplant Oncology

Chairs:

Nancy Kwan Man, Hong Kong, Hong Kong
Mark Ghobrial, Houston, United States
Taizo Hibi, Tokyo, Japan
Gonzalo Sapisochin, Toronto, Canada

Introduction	10:30
Nancy Kwan Man, Hong Kong, Hong Kong	
Session I: Liver Transplantation for Cancer - Pushing the Envelope	
Chairs:	
Nancy Kwan Man, Hong Kong, Hong Kong Jan Lerut, Brussels, Belgium	
The concept and future of transplant oncology - (seleciton and prediction)	10:35
Transplantation for hepatic tumors - where and what are the thresholds?	10:50
Discussion	11:05
Coffee Break	11:15
Liver transplantation for cholangiocarcinoma. Are we making progress?	11:30
Mark Ghobrial, Houston, United States	
Prediction of cancer recurrence - the power of RETREAT?	11:45
Francis Yao, San Francisco, United States	
Discussion	12:00
Lunch Break	12:10
Session II: The Future of Transplant Oncology	
Chairs:	
Julie Heimbach, Rochester, United States Marina Berenguer, Valencia, Spain	

Scientific Program

Targeting at HCC and HBV recurrence after transplantation - Two birds with one stone	13:30
Chung Mau Lo, Hong Kong	
Adjuvant therapies in transplant oncology - myth or reality?	13:45
Massimo Iavarone, Milan, Italy	
Liquid biopsy and transplant oncology	14:00
Augusto Villanueva, New York, United States	
Precision therapies for cancer recurrence - genomics, biology and immunology	14:15
Zhou Jian, Shanghai, China	
Discussion	14:30
Coffee Break	14:45
Session III: Case Discussion in Transplant Oncology Chairs:	
Gonzalo Sapisochin, Toronto, Canada	
Fan Jia, Shanghai, China	
Expert Panel:	
Milind Javle, Houston, United States	
Laura Dawson, Toronto, Canada	
Eduardo de Souza Martins Fernandes, Rio de Janeiro, Brazil	
Ian McGilvray, Toronto, Canada	
Yuta Abe, Tokyo, Japan	
Didier Samuel, Villejuif, France	
Neil Mehta, San Francisco, United States	
Chung Mau Lo, Hong Kong	
Case 1. HCC and transplant	15:00
Christian Toso, Geneva, Switzerland	
Case 2. Cholangiocarcinoma	15:20
Taizo Hibi, Tokyo, Japan	
Case 3. Bilateral colorectal liver metastases	15:40
Closing Remarks	16:00
Mark Ghobrial, Houston, United States	

Others
12:00 - 14:00 203A

TEE course

Others
13:00 - 16:30 Organ Perfusion Workshop

Organ Perfusion Workshop

The 2019 Annual ILTS Meeting,
May 15-18, 2019,
Toronto, Canada

Scientific Program

Others
14:30 - 16:30

203A

TEE course

Opening Session
16:30 - 18:00

John Bassett Theatre

Opening Session

Poster Sessions
18:00 - 18:45

Room 105 - Poster Area

Poster Session

Others
18:00 - 19:00

Room 106 - Exhibition Area

Exhibition Opening

Poster Sessions
18:30 - 19:30

Room 105 - Poster Area

Vanguard Moderated Poster Discussion

Scientific Program

Thursday, 16 May 2019

Vanguard Sessions
07:00 - 08:00

202AB

Vanguard Grand Round Case Presentations

Rising Star Symposium
08:15 - 09:45

John Bassett Theatre

Rising Star Plenary Session

Poster Sessions
10:15 - 11:00

Room 105 - Poster Area

Poster Session

Featured Symposium
11:00 - 12:30

Room 107

Updates in Transplant Immunology

Chairs:

Xian Chang Li, Huston, United States
Goran Klintmalm, Dallas, United States

Individualizing liver transplant immunosuppression	11:00
Ali Zarrinpar, Los Angeles, United States	
Individualizing liver transplant immunotolerance and Tregs	11:18
Ling Lu, Nanjing, China	
Biomarker for tolerance - who can have immunosuppression withdrawn?	11:36
Nazia Selzner, Toronto, Canada	
Gene editing for graft function improvement	11:54
Valeria Mas, Memphis, United States	
Regional immunoregulation on liver graft injury and disease recurrence	12:12
Nancy Kwan Man, Hong Kong, Hong Kong	

Scientific Program

Featured Symposium
11:00 - 12:30

104AB

Steatosis - The Donor and Recipient

Chairs:

Siu Ho Kenneth Chok, HK, Hong Kong
Constantino Fondevila, Barcelona, Spain

Impact of donor steatosis on short and long term outcome post LT - Western experience	11:00
Philipp Dutkowski, Zurich, Switzerland	
Impact of donor steatosis on short and long term outcome post LT - Eastern experience	11:18
Jiahong Dong, Beijing, China	
De-novo fatty liver post LT: Is this a new disease?	11:36
Marina Berenguer, Valencia, Spain	
NASH recurrence post LT: new prediction system	11:54
Daniel Maluf, Memphis, United States	
NASH recurrence post LT: targets treatment for prevention	12:12
Kymberly Watt, Rochester, United States	

Featured Symposium
11:00 - 12:30

104CD

The Bystander Organs

Chairs:

Francois Durand, Paris, France
Tan To Cheung, Hong Kong, Hong Kong

Perioperative coagulation: Pro and Con	11:00
Linda Liu, San Francisco, United States	
Predicting acute kidney injury in deceased and living donor liver transplantation	11:18
Marit Kalisvaart, Birmingham, United Kingdom	
Cirrhotic Cardiomyopathy	11:36
Manhal Izzy, Nashville, United States	
The brain and liver	11:54
Hovig V. Chitilian, Boston, United States	
When the lung contraindicates a liver transplant	12:12
Susan J. Mandel, Denver, United States	

Scientific Program

Vanguard Sessions
11:00 - 12:30

202AB

Vanguard Featured Symposium

Chairs:

Roberto Hernandez-Alejandro, Rochester, United States
Gi-Won Song, Seoul, Korea, Republic of

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| Pre transplant evaluation and management of a patient with diffuse PVT on the waiting list: staging, medical management, anticoagulation
Eleonora De Martin, Villejuif, France | 11:00 |
| Converting untransplantable patients with chronic obliterative PVT and cavernoma to transplantability using trans-splenic portal vein recanalization TIPS
Riad Salem, Chicago, United States | 11:15 |
| Outcomes of LT in a recipient with diffuse PVT: True survival benefit and implications for organ allocation
Prashant Bhangui, Medanta, India | 11:30 |
| DEBATE: Surgical options in patients with diffuse (Grade 4 Yerdel) PVT: i) Liver transplant with inflow from vessels of all types and sizes is possible ii) Multi-Visceral Transplant is the best option iii) Discussion
Daniel Azoulay, Creteil, France
Rodrigo Vianna, Miami, United States | 11:45 |

Sponsored Lunch Symposium
12:45 - 14:00

104AB

Industry Sponsored Lunch Session

Others
12:45 - 14:00

202AB

Women in LT - Lunch Session I

Chairs:

Valeria Mas, Memphis, United States
Nazia Selzner, Toronto, Canada

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|---|--------------|
| Pregnancy & contraception pre and post LT
Monika Sarkar, San Francisco, United States | 12:45 |
| Steps toward diversity, integrity, equity and career promotion at the University of Toronto Department of Medicine | 12:55 |
| Sex after liver transplantation
Diego Sotomayor, Valencia, Spain | 13:05 |

Scientific Program

State of the art lecture
14:15 - 14:45

John Bassett Theatre

State of the Art I

Chairs:

Geoffrey McCaughan, Sydney, Australia

NAFLD/NASH in liver transplantation: the consensus

14:15

Concurrent Oral Abstract Session
15:00 - 16:30

John Bassett Theatre

Concurrent Oral Abstract Session: Acute Liver Failure

Concurrent Oral Abstract Session
15:00 - 16:30

Room 107

Concurrent Oral Abstract Session: Donor Selection Criteria / Patient Selection / Organ Allocation

Parallel Symposium
15:00 - 16:30

104AB

Parallel Session for Pediatrics I: Liver Transplantation for Children in the 21st century - Right Recipient, Right Donor

Chairs:

Mureo Kasahara, Tokyo, Japan
Vicky Ng, Toronto, Canada

Expanding Indications for pediatric LT - How to identify the need?

15:00

John Bucavalas, New York, United States

Saving livers whilst saving lives in advanced hepatoblastoma: extended resection vs liver transplantation (Case Presenter + Discussant)

15:18

Greg Tiao, Cincinnati, United States

The agelessness of frailty in liver transplantation

15:36

Binita Kamath, Toronto, Canada

Expanding the donor pool

15:54

Paolo Muiesan, Birmingham, United Kingdom

The new development of pediatric LDLT in mainland China

16:12

Xia Qiang, Shanghai, China

Scientific Program

Concurrent Oral Abstract Session
15:00 - 16:30

104CD

Concurrent Oral Abstract Session Basic Science / Translational Research

Parallel Symposium
15:00 - 16:30

202AB

Parallel Session for Anesthesia/Critical Care I: Perioperative Challenges

Chairs:

Stuart McCluskey, Toronto, Canada

NASH - potential perioperative problems	15:00
Dmitri Bezinover, Hershey, United States	
New developments in surgical techniques	15:20
Robert Porte, Groningen, Netherlands	
Portal pressure management during transplantation: Does it make a difference?	15:40
Ahmed Mukhtar, Cairo, Egypt	
Elevated ICP in ALF - strategies for perioperative management.	16:00
Catherine Paugam-Burtz, Paris, France	
Discussion	16:20

Concurrent Oral Abstract Session
15:00 - 16:30

202CD

Concurrent Oral Abstract Session: Comorbidities and Complications

Poster Sessions
16:30 - 17:15

Room 105 - Poster Area

Poster Session

Anesthesia
Hepatology
Surgery

Concurrent Oral Abstract Session
17:15 - 18:45

John Bassett Theatre

Concurrent Oral Abstract Session: Donation after Cardiac Death

Scientific Program

Concurrent Oral Abstract Session
17:15 - 18:45

Room 107

Concurrent Oral Abstract Session Latebreaking Abstracts

Parallel Symposium
17:15 - 18:45

104AB

Parallel Session for Pediatrics II: The Journey towards the Vision of "One Transplant for Life"

Chairs:

Paolo Muiesan, Birmingham, United Kingdom
Zhu Zhijun, Beijing, China

Histological findings in late paediatric post-transplant biopsies: what the pathologist sees that we don't see 17:15

Stefan Hübscher, Birmingham, United Kingdom

Subclinical chronic graft injury in very stable pediatric liver transplant recipients: What the clinician has to deal with? 17:33

Timucin Taner, Rochester, United States

The challenges with TOO LITTLE immunosuppression: Non-adherence - enough of the talk - what can we actually do about this? 17:51

Eyal Shemesh, New York, United States

The challenges with TOO MUCH immunosuppression: Extra-hepatic diseases in liver transplanted children and adolescents - cardiovascular, PTLT, renal 18:09

Ulrich Baumann, Hannover, Germany

Transition from pediatric to adult care after pediatric liver transplantation: What do adult care teams need from the pediatric teams? 18:27

Marianne Samyn, London, United Kingdom

Concurrent Oral Abstract Session
17:15 - 18:45

104CD

Concurrent Oral Abstract Session: Immunosuppression and Tolerance Induction

Parallel Symposium
17:15 - 18:45

202AB

Parallel Session for Anesthesia/Critical Care II: Current Controversies

Chairs:

James Findlay, Rochester, United States
Christopher Wray, Los Angeles, United States

Scientific Program

An evidence based review of TEG/ROTEM guided coagulation management	17:15
Antoni Sabaté, Barcelona, Spain	
Treatment and prophylaxis of pre- and postoperative thromboses	17:35
Marco Senzolo, Padua, Italy	
Transplanting a DCD-liver: perioperative challenges	17:55
Annabel Blasi, Barcelona, Spain	
Extracorporeal liver support in ALF and ACLF	18:15
Constantine Karvellas, Edmonton, Canada	
Discussion	18:35

Concurrent Oral Abstract Session
17:15 - 18:45

202CD

Concurrent Oral Abstract Session: Living Donor

Vanguard Reception
19:00 - 20:30

202AB

Vanguard Reception

Scientific Program

Friday, 17 May 2019

Vanguard Sessions
07:00 - 08:00

202AB

Vanguard Debate Session

Chairs:

Alan Contreras, Mexico, Mexico
Jeremy Rajanayagam, Melbourne, Australia

Transplant Center Performance is Adequately Reflected in 1yr Graft and Patient Survival a) Yes

07:00

No

Ryan Chadha, Jacksonville, United States
Albert Chi Yan Chan, Hong Kong, Hong Kong

b)

DCD should only go to "healthy" recipients:

07:20

a) Yes

b) No

Andrea Schlegel, Birmingham, United Kingdom
Kristopher Croome, Jacksonville, United States

Simultaneous liver and kidney transplant vs. sequential kidney after liver transplant in decompensated CLD with AKI: Which is more feasible and safe? a) SLKT

07:40

b) Sequential

transplant

Varvara Kirchner, Minneapolis, United States
Shekhar Kubal, Indianapolis, United States

Plenary Abstract Session
08:15 - 09:45

John Bassett Theatre

Plenary Abstract Session I

Poster Sessions
10:15 - 11:00

Room 105 - Poster Area

Poster Session

Anesthesia
Hepatology
Surgery

Scientific Program

ILTS/TTS Joint Symposium
11:00 - 12:30

John Bassett Theatre

ILTS-TTS Joint Symposium: Living Donation

Chairs:

Julie Heimbach, Rochester, United States
Chao-Long Chen, Kaohsiung, Taiwan, Republic of China

Global activity around the world	11:00
Nancy Ascher, San Francisco, United States	
Multimodal analgesia for living donors	11:18
Tetsuro Sakai, Pittsburgh, United States	
Decision making in marginal living donors	11:36
Yaman Tokat, Istanbul, Turkey	
Donor vs. recipient surgeons: united or divided?	11:54
Long term psychosocial donor outcomes	12:12
Kelvin KC Ng, Pokfulam, Hong Kong	

Featured Symposium
11:00 - 12:30

Room 107

Quality Assurance and Performance in Liver Transplantation

Chairs:

Markus Selzner, Toronto, Canada
Cristiano Quintini, Cleveland, United States

Beyond patient and graft survival: How do we know that we are any good?	11:00
Ryutaro Hirose, San Francisco, United States	
ERAS for Liver Transplantation	11:18
Stuart McCluskey, Toronto, Canada	
Re-weight the value of liver transplantation - the recipient benefit	11:36
Giuliano Testa, Dallas, United States	
Re-weight the value of liver transplantation - the donor benefit	11:54
Hiroto Egawa, Tokyo, Japan	
The role of multidisciplinary care	12:12
Kyung-Suk Suh, Seoul, Korea, Republic of	

Scientific Program

Featured Symposium
11:00 - 12:30

104AB

Precision Transplant Medicine and AI

Chairs:

Bijan Eghtesad, Cleveland, United States
Yuan Zhai, Los Angeles, United States

Smart matching: applying artificial neural networks in liver transplantation	11:00
Javier Briceño, Cordoba, Spain	
Curative ex vivo hepatocyte - directed gene editing: how far away from reality?	11:18
Ex situ machine perfusion as a tool to recondition steatotic donor livers	11:36
Precision transplant pathology	11:54
Anthony J. Demetris, Pittsburgh, United States	
PSC-derived liver cells and organoids as ways to model liver disease	12:12
Mario Strazzabosco, New Haven, United States	

Featured Symposium
11:00 - 12:30

104CD

Next Steps in Transplant Oncology

Chairs:

Albert Chi Yan Chan, Hong Kong, Hong Kong

Organ allocation for patients with cancer	11:00
Arvinder Singh Soin, Gurugram, India	
Response to LRT and other surrogates of tumor biology: importance for transplant outcomes in HCC	11:18
Gonzalo Sapisochin, Toronto, Canada	
Time to think of liver transplantation for intrahepatic cholangiocarcinoma	11:36
James Eason, Memphis, United States	
Ex vivo liver resection and autotransplantation for end-stage hepatic alveolar echinococcosis	11:54
Wen Hao, Xinjiang, China	
The new pipeline of drugs in transplant oncology	12:12
Tim Greten, Bethesda, United States	

The 2019 Annual ILTS Meeting,
May 15-18, 2019,
Toronto, Canada

Scientific Program

Featured Symposium
11:00 - 12:30

202AB

Liver Allocation around the World

Chairs:

Gabriela A. Berlakovich, Vienna, Austria
Hu Zhenhua, Hangzhou, China

Solving an imbalanced liver transplantation problem: AI and efficient decision-support models for liver allocation	11:00
Pitfalls of current allocation systems in US John Roberts, San Francisco, United States	11:10
Pitfalls of current allocation systems in Europe Jacques Pirenne, Leuven, Belgium	11:28
Current organ allocation system in mainland of China Xiangcheng Li, Nanjing, China	11:46
Shifting allocation from living donation to deceased donation Mohamed Rela, Chennai, India	12:04

Sponsored Lunch Symposium
12:45 - 14:00

104AB

Industry Sponsored Lunch Session

Others
12:45 - 14:00

202AB

Women in LT - Lunch Session II

Chairs:

Elisabeth C. Verna, New York, United States
Gary Levy, Toronto, Canada

Clinical trials: study design & enrolment. Are females disadvantaged? Marina Berenguer, Valencia, Spain	12:45
Mentorship: Calming fears in "Me Too" era Josh Levitsky, United States	12:55
What men gain from gender equity? Jacques Belghiti, Clichy, France	13:05

Scientific Program

State of the art lecture
14:15 - 14:45

John Bassett Theatre

State of the Art II

Chairs:

Chung Mau Lo, Hong Kong

The revolution of LDLT in Asia

14:15

Chao-Long Chen, Kaohsiung, Taiwan, Republic of China

Concurrent Oral Abstract Session
15:00 - 16:30

John Bassett Theatre

Concurrent Oral Abstract Session: Machine Perfusion

Concurrent Oral Abstract Session
15:00 - 16:30

Room 107

Concurrent Oral Abstract Session: Malignancies

Concurrent Oral Abstract Session
15:00 - 16:30

104AB

Concurrent Oral Abstract Session: Pathology / Radiology / Interventional Radiology / Molecular Imaging

Concurrent Oral Abstract Session
15:00 - 16:30

104CD

Concurrent Oral Abstract Session Latebreaking Abstracts

Parallel Symposium
15:00 - 16:30

202AB

Anesthesia / Critical Care - Session: ICU - Optimizing Outcomes

Chairs:

Gebhard Wagener, New York, United States
Catherine Paugam-Burtz, Paris, France

Sepsis in the post-transplant patient

15:00

Fuat Saner, Essen, Germany

Acute but different - key management decisions in ACLF vs. ALF

15:20

Henrik Petrowsky, Zurich, Switzerland

Scientific Program

Hepatopulmonary syndrome - path to successful transplantation	15:40
Subash Gupta, New Delhi, India	
Frailty in ICU: implications for transplant candidacy	16:00
Jonathan Stine, Hershey, United States	
Discussion	16:20

Poster Sessions
16:30 - 17:15

Room 105 - Poster Area

Poster Session

Anesthesia
Hepatology
Surgery

Concurrent Oral Abstract Session
17:15 - 18:45

John Bassett Theatre

Concurrent Oral Abstract Session: Short and Long-Term Patient and Allograft Outcomes

Concurrent Oral Abstract Session
17:15 - 18:45

Room 107

Concurrent Oral Abstract Session: Anesthesia / Critical Care Medicine

Parallel Symposium
17:15 - 19:05

104AB

Parallel Session for Pathology and Radiology: The Imagings - Micro and Macro

Chairs:

Yu Fan Cheng, Kaohsiung, Taiwan, Republic of China

Surgical planning for living donor liver transplant using 4D flow MRI, computational fluid dynamics and in vitro experiments	17:15
Current State-of-the-Art MRI for comprehensive evaluation of potential living liver donors	17:33
Kartik S. Jhaveri, Toronto, Canada	
3-D visualized and VR technology in liver surgery	17:51
Chihua Fang, Zhujiang, China	
Liver histopathology: from normal to diseased conditions requiring liver transplantation	18:09
Jimin (Nancy) Liu, Oakville, Canada	

Scientific Program

HCC diagnosis in pretransplant and explantation liver: what we shouldn't miss **18:27**

Mina Komuta, Brussels, Belgium

Pathology of hepatic vascular disorders and their relevance to liver transplantation **18:45**

Hanlin L. Wang, Los Angeles, United States

Concurrent Oral Abstract Session
17:15 - 18:45

104CD

Concurrent Oral Abstract Session: Surgical Videos for Technical Innovation

Concurrent Oral Abstract Session
17:15 - 18:45

202AB

Concurrent Oral Abstract Session: Pediatrics

Concurrent Oral Abstract Session
17:15 - 18:45

202CD

Concurrent Oral Abstract Session: Viral Hepatitis / Alcoholic Liver Diseases / NASH / NAFLD

Scientific Program

Saturday, 18 May 2019

Vanguard Sessions
07:00 - 08:00

202AB

Vanguard Surgical Video Session

Chairs:

Deniz Balci, Ankara, Turkey
Irene Scalera, Birmingham, United Kingdom

Dual lobe LDLT

Deok-Bog Moon, Seoul, Korea, Republic of

07:00

In situ hypothermic perfusion for complex resections

Eduardo de Souza Martins Fernandes, Rio de Janeiro, Brazil

07:10

Renoportals anastomosis for portal cavernoma

Amelia Hessheimer, Barcelona, Spain

07:20

Setting up normothermic machine perfusion: from retrieval to ready to implant

Nicolas Goldaracena, Toronto, Canada

07:30

Plenary Abstract Session
08:15 - 09:45

John Bassett Theatre

Plenary Abstract Session II

Poster Sessions
10:15 - 11:00

Room 105 - Poster Area

Poster Session

Anesthesia
Hepatology
Surgery

State of the art lecture
11:00 - 11:30

John Bassett Theatre

State of the Art III

Chairs:

John Fung, Chicago, United States

Liver regenerative medicine: bioartificial livers and bioengineered grafts

Scott Nyberg, Rochester, United States

11:00

The 2019 Annual ILTS Meeting,
May 15-18, 2019,
Toronto, Canada

Scientific Program

The best of ILTS
11:50 - 12:35

John Bassett Theatre

Masters of ILTS

Anesthesia
Hepatology
Surgery