



**INTERNATIONAL LIVER  
TRANSPLANTATION SOCIETY**



# Annual Review 2022

The Knowledge Network for Liver Transplantation

## *Dear members, colleagues and friends*

It is my pleasure as ILTS President to invite you to review our 2022 ILTS Annual Report. The last few years have been challenging for the Society navigating the pandemic. We are proud that ILTS has emerged stronger than ever, with the highest number of members in its history.

I want to pay particular tribute to my predecessor as ILTS President, Professor Marina Berenguer, whose commitment, determination and passion for furthering the mission of ILTS have been exceptional. I would like to thank the ILTS Executive Committee and Council for their Leadership and ILTS Committee chairs and members who have generously given their expertise and time to create such an impressive program of activities this year. Thank you to everyone who has contributed to the Society including all our Faculty Members, abstract submitters, attendees, exhibitors and sponsors at our in-person and virtual meetings.

### **OUR OBJECTIVES:**

- Provide opportunities for less represented regions of the globe
- South Asia, Far East, South American & African centres
- Showcase their work on the world stage
- Improve their access to ILTS both for membership and leadership positions
- Build bridges of knowledge & collaboration between ILTS & burgeoning LT communities
- Work with Local Transplant Societies –
- Attend their meetings (Council/Executive council)
- Run Colloquiums where possible
- Reduce financial expenses of running such programs
- Increase ILTS Membership by 30%
- Coordinate mentoring of Small /Growing Transplant programs by Established Units
- Establish ILTS-led registries
- Work with iDLT – LDLTregistry
- Formation of SIG-led ILTS Transplant Guidelines
- Increase Cross-Society Collaborations
- Research Opportunities
- Sessions in international congresses etc.





My Presidential Plan for 2022-2023 prioritized a number of areas and I am proud to report we are continuing to move the Society forward in many areas.

**Collaboration** – we have deepened our collaboration and relationships with many of our sister societies; EASL, AASLD, ASTM, AST, ALEH and IHPCA. We are delighted to be running several joint Symposia at the 2023 Annual Congress in Rotterdam.

**Outreach** – our goal is to be a truly global reference point and we are determined to grow our membership throughout the world and address regional audiences. Our ILTS REAL program is continuing to make an enormous contribution (see page 7 for more information) to regional outreach. We have participated in the inaugural Egyptian Liver Transplantation Society (ELTS) international Congress in Cairo and Asian Transplantation Week in Seoul. I have been trying to connect with many liver transplant colleagues around the world. I visited Sudan and Oman where we helped set-up and mentor liver transplant programs. I have participated in various academic events on liver transplantation including at the Transplant Colloquium, Singapore, Pakistan Society for The Study of Liver Diseases and have plans to visit many more regions to promote the cause of ILTS in 2023.

**Registries** – The ILTS Registry is up-and-running, starting with LDLTregistry.org, which is a multidisciplinary collaborative of international physicians to study the outcomes of Living Donor Liver Transplantation (LDLT) meant to improve the practice of LDLT by sharing of research and innovation. You can find more information on page 8 or at [www.ldltregistry.org](http://www.ldltregistry.org). Thank you to the team that has made this a success.

2022 marks the incorporation of ILTS as a non-profit society and we are celebrating the 30th anniversary of this milestone with a program culminating with the ILTS Congress in Rotterdam.

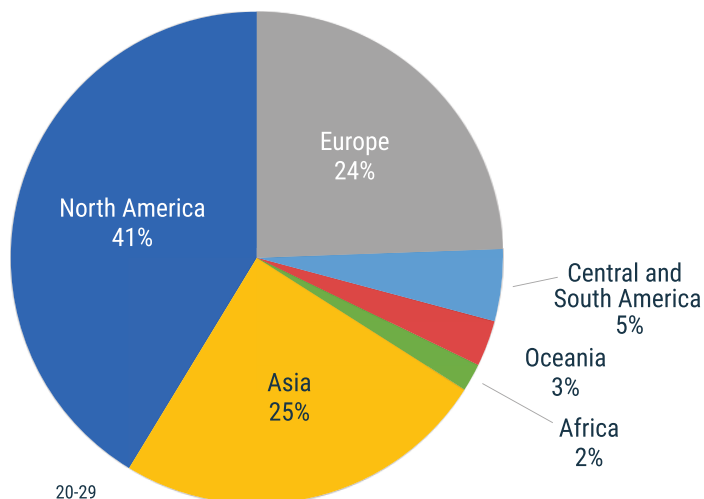
I look forward to seeing many of you at the ILTS-iLDLT-LTSI 2023 Consensus Conference on Prediction and Management of Small for Size Syndrome in LDLT in Chennai, India, January 27, 2023 and at the ILTS Congress 2023 in Rotterdam.



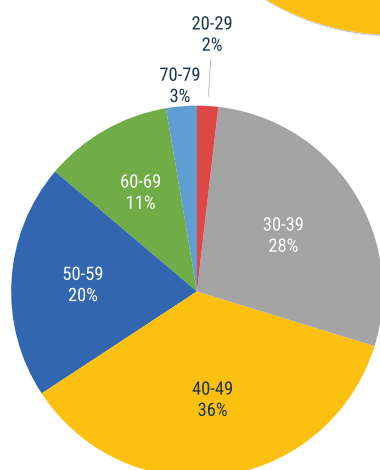
**Mohamed Rela, MS, FRCS, DSc**  
Dr. Rela Institute and Medical Center Chennai  
Chennai, Tamil Nadu, India

## MEMBER'S DEMOGRAPHICS

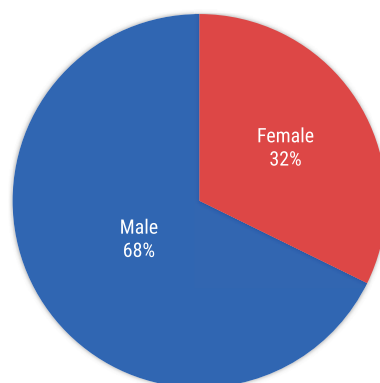
We are proud to have more than 1,600 members from around the world working together to achieve the ILTS mission.



REGIONS	
Central and South America	5%
Oceania	3%
Europe	24%
Asia	25%
North America	41%
Africa	2%

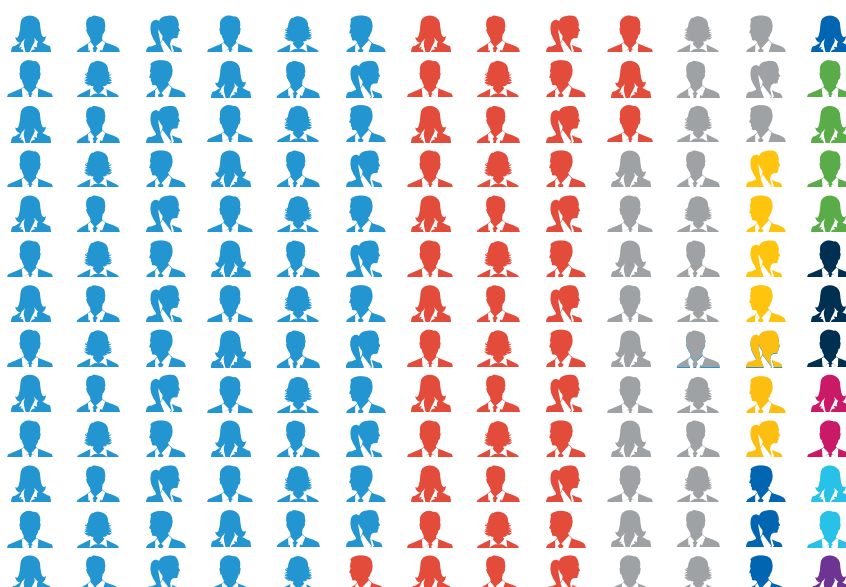


AGE	
20-29	2%
30-39	28%
40-49	36%
50-59	20%
60-69	11%
70-79	3%



GENDER	
Female	32%
Male	68%

## MEMBERS SPECIALTIES



Surgery	47%
Anesthesiology	26%
Hepatology	16%
Gastroenterology	4%
Critical Care Medicine	2%
Other	2%
Research - Basic Science	2%
Nursing/Co-ordinator/Allied Health	1%
Pathology/Lab Medicine/Immunology	1%
Radiology	<1%

## ILTS EXECUTIVE COMMITTEE 2022-2023



President  
**Mohamed Rela** | MS, FRCS, DSc  
Dr. Rela Institute and Medical  
Center Chennai  
Chennai, Tamil Nadu, India



President-Elect  
**R. Mark Ghobrial** | MD, PhD, FACS, FRCS  
Houston Methodist Hospital, TX, USA



Secretary  
**Valeria R. Mas** | MSc, PhD, FAST  
University of Maryland School  
of Medicine  
Baltimore, MD, USA



Treasurer  
**Nazia Selzner** | MD, PhD  
University of Toronto  
Toronto, ON, Canada



Past President  
**Marina Berenguer** | MD  
Hospital University La Fe  
Valencia, Spain

## ILTS COUNCIL 2022-2023



**Gabriela Berlakovich** | MD  
Medical University of Vienna  
Vienna, Austria



**Dmitri Bezinover** | MD, PhD  
Penn State College of Medicine  
Hershey, PA, USA



**Francois Durand** | MD, PhD  
Hopital Beaujon  
Paris, France



**Bijan Eghtesad** | MD  
Cleveland Clinic  
Cleveland, OH, USA



**James Y. Findlay** | MB, ChB  
Department of Anesthesiology and  
Perioperative Medicine, Mayo Clinic  
Rochester, MN, USA



**Arvinder S. Soin** | MD  
Medanta Institute of  
Liver Transplantation and  
Regenerative Medicine  
Gurugram, India



**Kymberly Watt** | MD  
Mayo Clinic  
Rochester, MN, USA

## ● ANESTHESIA / CRITICAL CARE

Striving to raise standards of clinical care and improve perioperative outcomes, including through the development of official ILTS clinical practice guidelines.

**Members:** Annabel Blasi (Past Chair), Constantine Karvellas (Chair), Ashish Malik (Vice Chair), Emmanuel Weiss (Vice Chair), James Y. Findlay (Affiliated Councilor), Dmitri Bezinover, Michael Spiro, Michael Kaufman, Marina Moguilevitch, Sher-Lu Pai, Li-Ying Sun

## ● BASIC AND TRANSLATIONAL RESEARCH

Supporting the presentation of basic and translational research at the Annual Congress, organizes workshops on relevant topics, and builds a network of expert centres dedicated to the basic study of liver transplantation.

**Members:** Markus Selzner (Past Chair), Paulo Martins (Chair), Mamatha Bhat (Vice Chair), Eliano Bonaccorsi Riani (Vice Chair), Valeria Mas (Affiliated Councilor), Maen Abdelrahim, Zoltan Czigan, Andrew Barbas, Yuri Longatto Boteon, Davide Ghinolfi, Li Pang, Juliet Emamaullee, David Al-Adra, Cheng-Maw Ho, Muhammed Yuksel, Ali Zarrinpar, Daniele Eliseo Dondossola (Trainee), Juliana Pavan Guimaraes (Trainee), Isabel Brüggewirth (Trainee)

## ● EDUCATION & SCHOLARSHIP

Fostering education, communication and fellowship in all disciplines involved in liver transplantation worldwide through scientific meetings, mentorship, and digital resources and supports talented liver transplant professionals from around the world by awarding prestigious scholarships.

**Members:** Manhal Izzy (Past Chair), Shekar Kubal (Chair), Juan Pablo Arab (Vice Chair), Peter Abt (Vice Chair), Bijan Egtesad (Affiliated Councilor) Prashant Bhangu, Gianni Biancofiore, Claire Francoz, Zhenhua Hu, Prasun K. Jalal, Irene Kim, Alfred Kow Wei Chieh, Pål-Dag Line, Ashish Malik, Nazia Selzner

## ● EQUALITY, DIVERSITY & INCLUSION (EDI)

Aiming to facilitate educational and professional development and promote an inclusive working environment for all ILTS members.

**Members:** Claire Francoz (Past Chair), Sher-Lu Pai (Chair), Oya M. Andacoglu, (Vice Chair), Dieter Adelman (Vice Chair), Gabriela A. Berlakovich (Affiliated Councilor), Manhal Izzy, Emmanouil Giorgakis, Nyingi Kemmer, Victoria Aguilera, Chiara Becchetti, Iman Fawzy Montesser, Simantika Ghosh, Keri Lunsford, Martin Montenov, Anna Mrzljak, Irene Scalera

## ● MEMBERSHIP & COMMUNICATIONS

Encouraging ILTS membership in all regions of the world, with particular emphasis on countries with new and developing transplant programs.

**Members:** Ahmet Gurakar (Past Chair), Ravi R Mohanka (Chair), Mario Vilatoba (Vice Chair), Gokhan Kabaçam (Vice Chair), Valeria Mas (Affiliated Executive Committee Member), Dmitri Bezinover (Affiliated Councilor), Ali Jafarian, Yuri Longatto Boteon, Ibrahim Umar Garzali, David Victor, Ashish Singhal, Amit Nair, Jason Vanatta

## ● PATHOLOGY

Aiming to raise standards of clinical care through the development of official practice guidelines and promote education, communication and fellowship in these specialty areas.

**Members:** Hanlin L. Wang (Past Chair), Zongming Eric Chen (Chair), Zhao Xinyan (Vice Chair), Marina Berenguer (Affiliated Councilor), Mukul Vij, Mina Komuta, Jimin Nancy Liu, Nour Yadak

## ● PEDIATRICS

Raising standards of pediatric liver transplantation clinical care and improve outcomes, including through the development of a Global Census and official ILTS clinical practice guidelines.

**Members:** Manuel Rodriguez-Davalos (Past Chair), Nam-Joon Yi (Chair), George Mazariegos (Vice Chair), Arvinder S. Sooin (Affiliated Councilor), Cigdem Arkan, Vidyadhar Mali, Hala Abdullatif, Koji Hashimoto, Vicky Ng, Sugi Subramaniam R V, Qiang Xia

## ● RADIOLOGY

Promoting education, communication and fellowship in all aspects of diagnostic and interventional radiology while fostering collaborative links with other relevant specialist societies.

**Members:** Tan To Cheung (Past-Chair), Ramazan Kutlu (Chair), Kymberly Watt (Affiliated Councilor), Yu Fan Cheng, Nagihan Inan Gürcan

## ● VANGUARD

Promoting the participation of younger members of the liver transplant community in all ILTS activities, and guides the society in responding to their educational and professional needs.

**Members:** Varvara Kirchner (Past Chair), Eleonora De Martin (Chair), Ryan Chadha (Vice Chair), Ashwin Rammohan (Vice Chair), Mark Ghobrial (Affiliated Councilor) David Nasralla, Onur Keskin, Jiang Liu, Alessandra Mazzola, Tomohiro Tanaka, Yoon Young In, Carmen Vinaixa Aunes, David Victor, Uzung Yoon, Alexandra Shingina, Johns Shaji Mathew, Abdul Rahman Ha keem, Felipe Alconchel, Madhukar S. Patel, Sadhana Shankar (Trainee), Dhupal Patel (Trainee), Nicholas Syn (Trainee)





## AWARDS

ILTS offered 12 prestigious prizes to recognize and reward outstanding contributions to the field of liver transplantation.

### Distinguished Service Award

- **Charles Miller, MD**
- **Claus Niemann, MD**

### Vanguard Award

- **Zoltan Czigany, MD, PhD**
- **Tommy Ivanics, MD**
- **Matteo Mueller, MD**
- **Suk Kyun Hong, MD**

### Basic Science Investigator Award

- **Paulo Martins, MD, PhD, FAST, FEBS, FACS**

### Basic Science Established Investigator Award

- **Nancy Kwan Man, MBBS, PhD**

### Clinical Science Investigator Award

- **Jennifer Lai**

### Advancing Equity in Liver Transplantation Award

- **Nazia Selzner, MD, PhD**

### REAL Advancing in Liver Transplantation Award

- **Manuel Mendizabal**
- **Mark Muthiah, MBBS (S'pore), MRCP (UK), M.Med (Int Med, S'pore)**



The new Expertise-Exchange Program in Advanced Research Techniques (E2=ART) facilitates exchange between early-career researchers and international centers, providing opportunities for young researchers to receive training in specific techniques. The initiative is coordinated jointly by the Basic & Translational Research and Education & Scholarship Committees, who invite those interested in applying for training or in sharing their expertise with early-career researchers to join the program.



The two first-ever ILTS podcasts 'HOT Topics in Liver Transplantation' are available on Spotify! This new series of audio interviews are conducted by members of the ILTS Vanguard Committee in which liver transplant experts discuss the key surgical, hepatology, anesthesia and basic/translational science topics presented at the ILTS 2022 Congress.



The ILTS Regional Expansion Advanced Learning (REAL) project targets the specific educational needs of diverse regions around the world. This includes a webinar series crafted based on community input to address the needs of liver transplant centers and future centers in the Latin American, Southeast Asian, Africa and the Indian subcontinent (see page 11).

### ILTS VANGUARD JOURNAL CLUB

The ILTS Vanguard Committee launched its Twitter Journal Club on March 2022. Each event edition features a lively Q & A with the first author of a recent publication. At the designated time, the moderators will post questions to the ILTSJC Twitter account (@ILTSJC) and invite ILTS social media followers to comment and respond to questions in real-time.

### SPECIALTY MAILING LISTS

Dedicated email discussion platforms were set up in 2019 for all ILTS SIGs and specialty-focused committees in late 2019. They are open to any ILTS member wishing to participate and allow them to quickly exchange on topics such as sharing interesting publications, meetings and webinars, or to discuss anonymized clinical cases.

# SPECIAL INTEREST GROUPS

ILTS Special Interest Groups (SIGs) bring together clinicians, scientists and allied health professionals who share a common interest in specific aspects of liver transplantation, promoting education and research on a wide range of topics.

Acute Liver Failure

Advanced Techniques in Hepatobiliary Surgery

Cardiovascular Topics in Liver Transplantation

DCD, Preservation & Machine Perfusion

Infectious Diseases and Liver Transplantation

Living Donor Liver Transplantation

Liver Transplant Immunology

Liver Transplant Oncology

Precision Medicine and Biomarkers in Liver Transplantation



# 2022 JOINT INTERNATIONAL CONGRESS OF ILTS, ELITA & LICAGE



ANNUAL  
CONGRESS 2022

ISTANBUL, TURKEY & ONLINE  
MAY 4-7, 2022



## ISTANBUL, TURKEY AND ONLINE!

In 2022, ILTS emerged boldly from more than two years of pandemic gloom to host a well-attended and academically brilliant annual congress in Istanbul. The congress reaffirmed our belief that education, professional cohesion, and scientific inspiration are greatly enhanced when we meet face-to-face. The support of our members and industry sponsors, of hard-working ILTS committees and SIGs, of our partner societies LICAGE and ELITA, and of the dynamic Turkish liver transplant community, were vital to this success.

### CHAIRS

Program Chair - **Mohamed Rela**, MS, FRCS, DSc, Chennai, Tamil Nadu, India

Local Chair - **Yaman Tokat**, MD, Istanbul, Turkey

Joint Congress Chair ELITA - **Constantino Fondevila**, MD, PhD, Madrid, Spain

Joint Congress Chair LICAGE - **Fuat Saner**, MD, PhD, Essen, Germany

**4** Days

**1123** Participants (648 Onsite + 475 Online)

from  
**61** Countries

**17**  
Exhibitors

**71**  
Sessions

**461**  
Abstracts

**234**  
E-Posters

**110**  
Oral Abstract  
Presentations

**4**  
Workshops

## CONGRESS AWARDEES

### Young Investigator Award

- |                          |                       |                    |                   |
|--------------------------|-----------------------|--------------------|-------------------|
| - Fakhar Ali Qazi Arisar | - Paolo Magistri      | - Gagan S. Prakash | - Carmen Vinaixa  |
| - Hillary J. Braun       | - Mark Man Gia Ly     | - Sadhana Shankar  | - Wang Zhe        |
| - Swapnil Dhampalwar     | - Artem Monakhov      | - Shaojun Shi      | - Guang-Peng Zhou |
| - Femke de Goeij         | - Abdul Rahman Hakeem | - Ashley Spann     |                   |

### Rising Star Award

- **Zoltan Czigany** (RWTH Aachen University, Germany), Mentor: Georg Lurje
- **Brian Horwich** (Los Angeles, USA), Mentor: Jeffrey Kahn
- **Quirino Lai** (AOU Policlinico Umberto I Sapienza University of Rome, Italy), Mentor: Jan Lerut
- **Li Pang** (The University of Hong Kong, China), Mentor: Nancy Kwan Man
- **Joseph F. Pierre** (Memphis, USA), Mentor: Valeria Mas

# 2022 ILTS VIRTUAL CONSENSUS CONFERENCE

2022 ILTS Virtual Consensus Conference

[ERAS40LT.org](https://ERAS40LT.org)



**VIRTUAL  
CONSENSUS  
CONFERENCE 2022**

DIGITAL EVENT  
JANUARY 28 - 29, 2022

**"ERAS40LT.ORG" ORGANIZED JOINTLY BY ILTS, THE ROYAL FREE HOSPITAL & UNIVERSITY COLLEGE LONDON**

We held our highly successful virtual ILTS Consensus Conference on Enhanced Recovery after Surgery for Liver Transplantation at the end of January. Topics included preoperative evaluation in the setting of NASH, cirrhotic cardiomyopathy, cyto-absorption as a bridge to transplantation, and the critical care treatment

of postoperative complications. Over two jam-packed days, 32 expert panels covered the entire perioperative journey in deceased and live donor liver transplantation, presenting recommendations based on a rigorous systematic review of the literature following the Danish Model of consensus. Each presentation was followed by a discussion involving the international liver transplant community and a lay jury to yield a comprehensive, evidence-based ERAS program for liver transplantation.

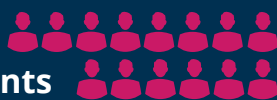
## CHAIRS

**Michael Spiro**, Anesthesiology, London, UK

**Dimitri Raptis**, Surgery, London, UK

**2** Days

**510** Participants



more than  
**30** expert  
working groups

from  
**50** Countries



**264** Faculty



**12**

European CME credits  
(ECMEC®s)

## 2022 ILTS PERIOPERATIVE CARE IN LIVER TRANSPLANTATION MEETING



**PERIOPERATIVE CARE IN  
LIVER TRANSPLANTATION  
MEETING 2022**

New Orleans, USA  
October 21, 2022



This year, the Perioperative Care in Liver Transplantation meeting returned as a hybrid meeting co-hosted by ILTS and the liver team at the Ochsner Medical Center. The meeting was a superb learning event for the in-person participants in New Orleans as well as for those watching the webcast live online, designed to bring the latest advances in perioperative medicine to anesthesiologists, critical care physicians, nurses and allied specialists in the Americas and around the world.

**1** Day

**244** Participants  
(106 Onsite + 138 Online)



from  
**35** Countries



**2**

Exhibitors

**7**

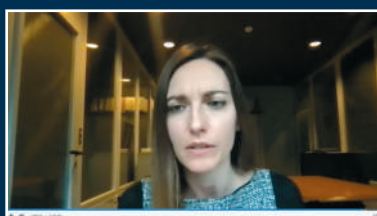
Credits

# ILTS DIGITAL

PROVIDING HIGH-QUALITY EDUCATIONAL CONTENT  
TO A WIDE GLOBAL AUDIENCE

ILTS launched ILTS Digital, an extensive webinar program in 2020 amidst a COVID-19 pandemic leading to the cancellation of all face-to-face meetings. Two years later, the webinars are still here and more attended than ever, providing high-quality educational content to a wide global audience.

Recordings of the 15 webinars that took place in 2022 are available on demand at [ilts.org/education/webinars](https://ilts.org/education/webinars).



## 2 Insights Webinars

- Immunology and the allograft revisited?
- Immunosuppression in liver transplantation: "one size fits all" or "à la carte"?

The ILTS INSIGHTS webinar series features an exciting mix of renowned authorities and rising stars invited to share their experience and expertise with fellow members.

## 7 Complex Liver Cases Webinars, a Vanguard Initiative

Vanguard Webinars on Complex Liver Cases are an exciting series of case-based webinars by the ILTS Vanguard Committee in collaboration with various ILTS Committees and SIGs.

## 1 SOTA Lecture

- Long-term outcomes in living donors

State Of The Art (SOTA) lectures gather insights and experiences from inspirational leaders in the liver transplant world.

## 6 REAL Webinars

- Liver Transplantation for Hepatocellular Carcinoma in countries with low donation rate
- Transplant Oncology: Current State of Evidence
- Liver Transplantation for Alcohol-Associated Hepatitis
- Management of Post LT Complications in Recipients
- Liver Transplantation for Alcohol-Associated Hepatitis
- Challenges for Liver Transplantation in Africa

The Regional Expansion Advanced Learning (REAL) webinar series is crafted based on community input to address the needs of current and future liver transplant centers in Latin America, Southeast Asia, Africa, and the Indian subcontinent. The first ILTS REAL Africa webinar, Challenges for Liver Transplantation in Africa took place on December 15.

In collaboration with the partners of the ILTS REAL Project:





# ILTS MEMBERS' FUND FOR EDUCATION

**T**he Members' Fund for Education was created in 2017 to establish a secure annual income dedicated exclusively to the ILTS educational mission. It will provide scholarships, travel awards, lectureships, and mentoring in all aspects of liver transplantation in all regions of the world.

The fund is endowed entirely through donations. Your contribution will support the next generation of liver transplant professionals, enabling them to advance care and improve the lives of transplant patients for decades to come.

Our goal is to raise a \$1 million capital fund. Thanks to your support, 63% of that objective has been reached. Please consider donating to help us build our educational network and translate the latest high-quality research into ever-better clinical care for liver transplant donors and recipients across the world.

**DONATE TODAY**



## DONATION LEVELS

### **Diamond** **\$10,000 or more**

Dr. Andre Dewolf

Dr. John Fung

Dr. Yoogoo Kang

Dr. Nancy Kwan Man

### **Gold** **\$1,000 – \$9,999**

Dr. Nancy Ascher

Dr. Marina Berenguer

Dr. Patrizia Burra

Dr. Juan Del Rio Martin

Dr. James Eason

Dr. Bijan Eghtesad

Dr. Helge Eilers

Dr. R. Mark Ghobrial

Dr. Nigel Heaton

Dr. John Klinck

Dr. Jennifer Lai

Dr. Nancy-jimin Liu

Dr. Valeria Mas

Dr. Claus Niemann

Dr. Kim M Olthoff

Dr. Elizabeth Pomfret

Dr. James Pomposelli

Dr. Michael Ramsay

Dr. Karina Rando Huluk

Dr. Mohamed Rela

Dr. John Roberts

Dr. Yaman Tokat

Dr. Kym Watt

Dr. James West

Dr. Shusen Zheng

### **Silver** **\$500 – \$999**

### **Bronze** **Up to \$499**

The full list of donors is available at:

<https://ilts.org/education-fund/recent-donations/>

# OUR PARTNERS

We thank Astellas for being a major supporter of ILTS in 2022.

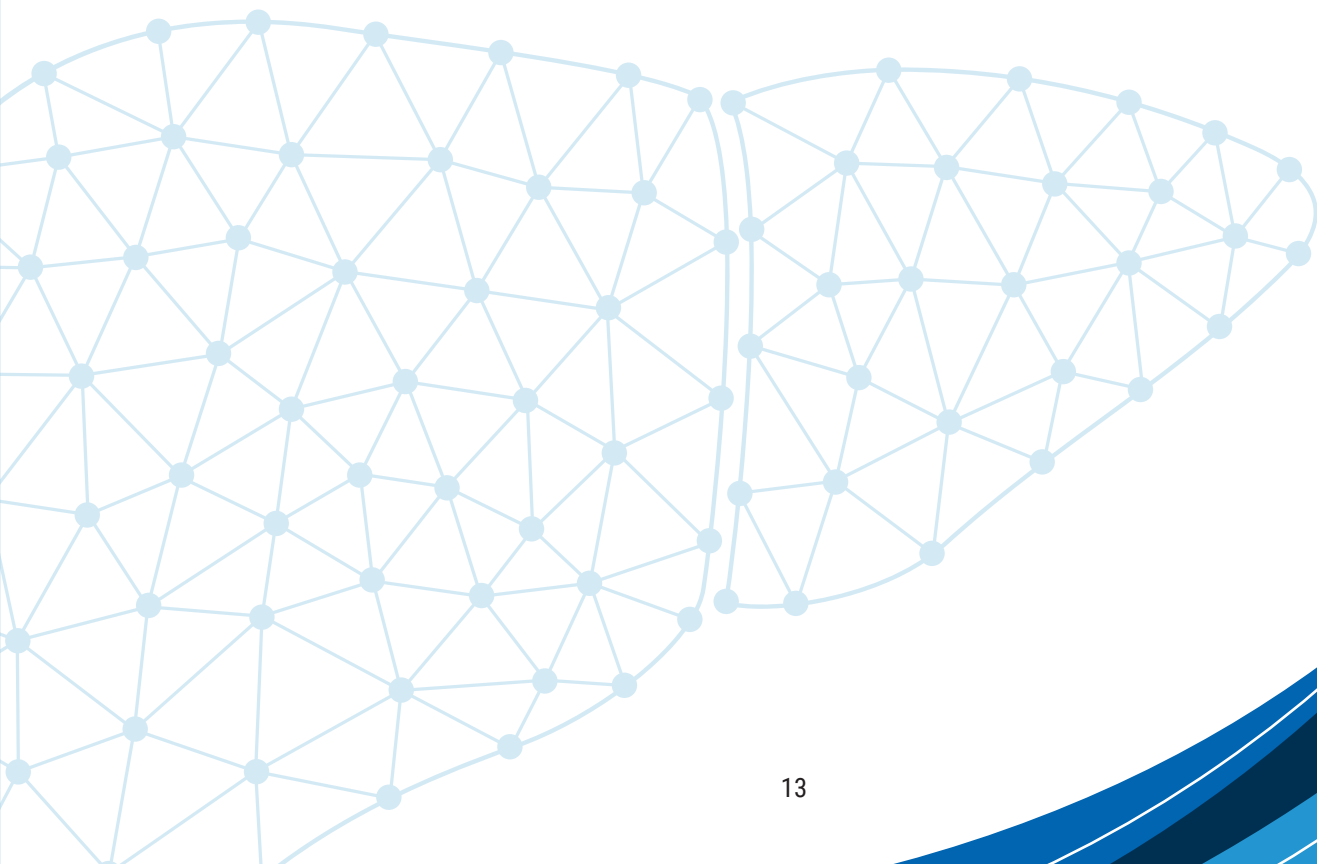


We also acknowledge the following companies that have made significant financial contributions to the Society:



We thank all the other companies who have supported ILTS throughout the year:

amg International, Aferetica, Belmont, BD, CytoSorbents, Edwards, Eurofins Transplant Genomics, Haemonetics, Homosonics, Institut Georges Lopez, Medtronic, Medivision, MeVis, Natera, Nova Biomedical, OrganOx and Thomson Surgical.





**INTERNATIONAL LIVER  
TRANSPLANTATION SOCIETY**

#### **ILTS Secretariat:**

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@\_ILTS\_



@International Liver  
Transplantation Society

Thanks to CareDx for being a corporate partner of ILTS  
[www.ilts.org/about/partners](http://www.ilts.org/about/partners)



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