

**11th International Conference:
Living Donor Abdominal Organ Transplantation
State of the Art
August 29-31, 2024
Rome, Italy**

Organizing Committee

Giuliano Testa, MD
Enrico Benedetti, MD
Lorenzo Gallon, MD
Jacques Pirenne, MD
Rainer Gruessner, MD

Local Organizing Committee

Lucrezia Furian, MD

Thursday, August 29, 2024

WORKSHOP PROGRAMME

8:30am – 8:35am

Welcome

*Enrico Benedetti, MD, FACS
Warren H. Cole Chair in Surgery
University of Illinois at Chicago
Illinois, USA*

*Rutger J. Ploeg, MD, PhD, FRCS, FEBS (Hon)
Consultant Transplant Surgeon
Professor of Transplant Biology
University of Oxford
United Kingdom*

*Giuliano Testa, MD, MBA, FACS
Chairman, Simmons Transplant Institute
Chief of Abdominal Transplant
Baylor University Medical Center
Texas, USA*

Background and Overview

Chair: Rutger J. Ploeg, MD, PhD, FRCS, FEBS (Hon)

8:35am – 8:50am

Numbers and impact of living donation around the globe

Rainer Oberbauer (Vienna)

8:50am – 9:05am

How do we engage in living donation: pressures, paternalism, follow-up?

Frank Dor (London)

9:05am – 9:20am

Interactive discussion with participants on ethics, experience and solutions across countries

Bernadette Haase (Leiden)

Training of surgical skills to guarantee safe procedures in living donation

9:20am- 9:30am

My bespoke steps of learning for the kidney

Enrico Benedetti (Chicago)

9:30am – 9:40am

My bespoke steps for the liver

Mohamed Rela (Chennai)

9:40am – 9:55am

Experience in living donation during my ASTS Fellowship training: ready to roll?

Michele Finotti (Treviso)

Interactive plenary MDT session: Kidney

Chair: Dilan Dabare (Birmingham)

9:55am – 10:25am

CASE no.1 (30 min)

*FACULTY: presentation by a ‘senior’: **Lucrezia Furian (Padua)***

PANEL: questions and moderation by first set of 3 YPTs

AUDIENCE interacts

10:25am – 10:55am

CASE no.2 (30 min)

*FACULTY: presentation by a ‘senior’: **Oriol Bestard (Barcelona)***

PANEL: questions and moderation by second set of 3 YPTs

AUDIENCE interacts

Panel of 3 YPTs and participants will ask questions and voice opinions whilst faculty is challenged to respond and explain. Panel will prepare several aspects worthwhile discussing as not always straight forward.

10:55am – 11:15am

Coffee and tea break

What is challenging in living donation?

Chair: Lucrezia Furian (Padua)

11:15am – 11:30am

Why robotic surgery in living donor transplantation?

Ivo Tzvetanov (Chicago)

11:30am – 11:45am

Immunogenicity in living donor recipients: how to reduce, prevent rejection, initiate regeneration?

Robert Montgomery (New York)

11:45am – 12:00pm

My typical surgical mistakes (‘a long time ago’) during a living donor procedure and how I managed to get back on track

Kidney: *Lloyd Ratner (New York)*

12:00pm – 12:15pm

Liver: *Dieter Bröring (Riyadh)*

12:15pm – 1:15pm

Lunch

Interactive Plenary MDT session: Liver

Chair: Frank Dor (London)

1:15pm – 1:30pm

Indications in living liver donation and selection of the donor

Giuliano Testa (Dallas)

1:30pm – 2:00pm

CASE no.1

*FACULTY: presentation by a ‘senior’: **Silvio Nadalin (Tübingen)***

PANEL: questions and moderation by first set of 3 YPTs

AUDIENCE interacts

2:00pm – 2:30pm

CASE no.2 (30 min)

FACULTY: presentation by a 'senior': Elizabeth Pomfret (Denver)
PANEL: questions and moderation by second set of 3 YPTs
AUDIENCE interacts

Panel of 3 YPTs and participants will ask questions and voice opinions while faculty is challenged to respond and explain. Panel will prepare several aspects worthwhile discussing as not always straight forward.

2:30pm - 3:00pm

The Thinktank

MODERATION: Caroline Dudreuilh (Paris) and Bernadette Haase (Leiden)

YPT views – blue sky thinking on challenges and solutions ...

3 x 2 min pitches by YPTs; audience questions; audience elects 'best pitch'

Award for 'best pitch' and closure

YPT leadership ... Dilan Dabare (Birmingham) and Caroline Dudreuilh (Paris)

3:00pm – 3:15pm

Break

Intestinal Transplant Workshop

Chairs: Enrico Benedetti (Chicago) and Jacques Pirenne (Leuven)

3:15pm – 3:35pm

Quality of Life as an Indication for Intestinal Transplant: Considerations in Donor and Recipient

(Alan Buchman, Chicago)

3:35pm – 3:55pm

The rectus fascia: “the new comer in the transplant toolkit

(Laurens Ceulemans, Leuven)

3:55pm – 4:15pm

Multivisceral transplantation: Why, How, and for which outcome?

(Jacques Pirenne, Leuven)

4:15pm – 4:35pm

Take it out and put it back: Intestinal auto-transplantation for central intraabdominal tumors

(Tom Kato, Columbia)

4:35pm – 4:55pm

Live donor intestinal transplantation: How did it start

(Rainer Gruessner, NY)

4:55pm- 5:15pm

Live donor intestinal transplantation: The largest western series

(Enrico Benedetti, Chicago)

5:15pm - 5:35pm

Live donor intestinal transplantation: The largest eastern series

(Guosheng Wu, Hangzhou)

Friday, August 30, 2024
State of the Art Lectures

- 8:00am – 8:20am **Organizing Committee Welcome**
Enrico Benedetti, MD, FACS
Warren H, Cole Chair in Surgery
University of Illinois at Chicago
Illinois, USA
- Giuliano Testa, MD, MBA, FACS*
Chairman, Simmons Transplant Institute
Chief of Abdominal Transplant
Baylor University Medical Center
Texas, USA
- 8:20am – 8:40am **The Cumulative Experience of Living Donor Transplantation in the US: 35 Year Data**
Dr. Rainer Gruessner
- 8:40am – 9:00am **How do I see Living donor liver transplant in the US**
Dr. Elizabeth Pomfret
- 9:00am – 9:20am **The Evolution of Uterus Transplant**
Dr. Giuliano Testa
- 9:20am – 9:40am **Artificial intelligence applied to immunology donor selection**
Dr. Massimo Mangiola
- 9:40am – 10:10am **Coffee Break**
- Kidney Transplant Surgery Program**
Chairs: Ivo Tzvetanov, MD (Chicago) and Frank Dor
- 10:10am – 10:25am **Increasing Non-Directed Living Organ Donation**
Dr. Lloyd Ratner
- 10:25am – 10:40am **Living Donor Organ Exchange**
Dr. Oleh Pankewycz
- 10:40am – 10:55am **Tackling Inequity of access to Living donor kidney transplantation**
Dr. Lorna Marson
- 10:55am – 11:10am **Kidney paired donation initiated by deceased donor: 6-year outcomes in a successful program in Italy**
Dr. Lucrezia Furian

- 11:10am – 11:25am **Safety of living donor kidney transplant in Italy: 20 years' experience**
Dr. Ugo Boggi
- 11:25am – 11:20am **Innovative Strategies to Optimize Living Donor Potential**
Dr. Stephen Bartlett
- 11:20am – 11:35am **Genetic testing for living donors: Current recommendations**
Dr. Hossein Tabrizani
- 11:35am – 11:50am **The Evolution of Molecular Biomarkers in Kidney Transplantation**
Dr. Alexander Wiseman
- 11:50am- 12:05pm **The Decedent Model: Understanding the Immunology and Biology of Human Xenotransplantation**
Dr. Robert Montgomery
- 12:05pm – 1:05pm **Lunch**
- Technical Innovation**
Chairs: Giuliano Testa, MD and Enrico Benedetti, MD
- 1:05pm – 1:20pm **Living donor liver transplant with the Robot: Why?**
Dr. Dieter Broering
- 1:20pm – 1:35pm **Robotic kidney implant only for obese patients**
Dr. Ivo Tzvetanov
- 1:35pm – 1:50pm **Robotic implantation for all**
Dr. Karel Decaestecker
- 1:50pm – 2:05pm **The present and future role of robotic surgery in modern organ transplantation**
Dr. Pier Cristoforo Giulianotti
- 2:05pm – 2:20pm **Open Forum**
- The Video Time**
Chairs: Kim Olthoff, MD and Lucrezia Furian, MD
- 2:20pm – 2:40pm **Living donor Robotic hepatectomy: How I do it?**
Dr. Amar Gupta
- 2:40pm – 3:10pm **Living donor liver transplant: How I do it?**
Dr. Mohamed Rela

- 3:10pm – 3:30pm **Living donor liver transplant: How I do it?**
Dr. Dieter Broering
- 3:30pm – 3:50pm **Living donor nephrectomy: How I do it?**
Dr. Eric Martinez
- 3:50pm – 4:10pm **Living donor kidney transplant: How I do it?**
Dr. Ivo Tzvetanov
- 4:10pm – 4:30pm **Open Forum**
Chairs: Rainer Oberbauer, MD and Amar Gupta, MD
- 4:30pm – 5:10pm **Kidney and Liver Transplant Abstract Oral Presentation**
- 5:10pm **Adjourn**
- Gala Dinner**
House of the Knights of Rhodes – Rome

Saturday, August 31, 2024

Transplant Nephrology Program

Chairs: Lorenzo Gallon, MD and Lloyd Ratner, MD

- 8:15am – 8:30am **Biomarkers vs. Biosensor for detecting allograft rejection**
Dr. Lorenzo Gallon
- 8:30am – 8:45am **Cellular Therapies for Tolerance Induction in Kidney Transplantation: One Size Will Not Fit All**
Dr. Joseph Leventhal
- 8:45am – 9:00am **Are Immunorecognizable nonHLA epitopes important?**
Dr. Rainer Oberbauer
- 9:00am – 9:15am **Detection of memory B cell responses before allo-antibodies generation**
Dr. Oriol Bestard
- 9:15am – 9:30am **New Immunosuppression Targets in the Innate Immune System**
Dr. Fadi Lakkis
- 9:30am – 9:45am **Novel Therapeutic Targets for Desensitization and Antibody Mediated Rejection**
Dr. Flavio Vincenti

- 9:45am – 10:00am **APOL1 effects based on recipient and donor genotype**
Dr. Barry Friedman
- 10:00am – 10:15am **Acute to chronic transition: the cell type specific networks determining graft function**
Dr. Valeria Mas
- 10:15am – 10:30am **Measuring Biological Age in Humans. Can transplantation alter the trajectory?**
Dr. Doug Vaughan
- 10:30am – 10:45am **Coffee Break**
- 10:45am – 11:00am **High risk or marginal kidney donors and risks associated with donation**
Dr. Emilio Poggio
- 11:00am – 11:15am **Erythropoietin, the hormone that makes the kidney special**
Dr. Paolo Cravedi
- 11:15am – 11:30am **Long-term Tolerance in Recipients of HLA-ID Living Related Donor Kidney Allografts – The Medeor Study Experience**
Dr. Dixon Kaufman
- 11:15am – 11:30am **Identifying Generosity using Artificial Intelligence and Inspiring the Public to Consider Living Donation: Lessons Learned from a US Media Campaign**
Dr. Amy Waterman
- Ethics**
Chair: Giuliano Testa, MD
- 11:45am – 12:05pm **The Vital Field of Clinical Medical Ethics**
Dr. Mark Siegler
- 12:05pm – 12:25pm **The ethics of Living donor transplantation and the DCD debate: what is better for the patients**
Dr. Selwyn Rogers Jr.
- 12:25pm – 12:45pm **The delicate balance between expected outcome and donor risk: transplant oncology, the new kid on the block**
Dr. Peter Angelos
- 12:45pm – 1:45pm **Lunch**

The Liver Talks

Chairs: Dieter Broering, MD

- 1:45pm – 2:00pm **The ultimate word about outflow reconstruction in LDLT**
Dr. Massimo Malago
- 2:00pm – 2:15pm **How to go from 0 to 50 in 5 years The University of San Antonio Story**
Dr. Tarunjeet Klair
- 2:15pm – 2:30pm **The true value of LDLT and why we should really push for it**
Dr. Jim Pomposelli
- 2:30pm – 2:45pm **Are there limits to Transplant Oncology? The US view**
Dr. Roberto-Hernandez-Alejandro
- 2:45pm – 3:00pm **Are there limits to Transplant Oncology? The European view**
Dr. Silvio Nadalin
- 3:00pm – 3:15pm **Are there limits to Transplant Oncology? The Asian view**
Dr. Arvinder Soin
- 3:15pm – 3:30pm **Living Donor vs Extended Criteria Donor Liver Transplant for Oncology Indications**
Dr. Shimul Shah
- 3:30pm – 3:45pm **Discussion**
- Reception Dinner**
Baja Restaurant – Rome