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)

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

11:45am – 12:00pm  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 straightforward.

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

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

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
<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>3:10pm – 3:30pm</td>
<td><strong>Living donor liver transplant: How I do it?</strong></td>
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<td><strong>Dr. Dieter Broering</strong></td>
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<td>3:30pm – 3:50pm</td>
<td><strong>Living donor nephrectomy: How I do it?</strong></td>
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<td><strong>Dr. Eric Martinez</strong></td>
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<td><strong>Living donor kidney transplant: How I do it?</strong></td>
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<td><strong>Dr. Ivo Tzvetanov</strong></td>
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<td><strong>Chairs: Rainer Oberbauer, MD and Amar Gupta, MD</strong></td>
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<td>4:30pm – 5:10pm</td>
<td><strong>Kidney and Liver Transplant Abstract Oral Presentation</strong></td>
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<td>5:10pm</td>
<td><strong>Adjourn</strong></td>
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<td><strong>Gala Dinner</strong></td>
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<td><em>House of the Knights of Rhodes – Rome</em></td>
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<td><strong>Saturday, August 31, 2024</strong></td>
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<td><strong>Transplant Nephrology Program</strong></td>
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<td><strong>Chairs: Lorenzo Gallon, MD and Lloyd Ratner, MD</strong></td>
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<td>8:15am – 8:30am</td>
<td><strong>Biomarkers vs. Biosensor for detecting allograft rejection</strong></td>
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<td><strong>Dr. Lorenzo Gallon</strong></td>
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<td>8:30am – 8:45am</td>
<td><strong>Cellular Therapies for Tolerance Induction in Kidney Transplantation: One Size Will Not Fit All</strong></td>
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<td><strong>Dr. Joseph Leventhal</strong></td>
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<td>8:45am – 9:00am</td>
<td><strong>Are Immunorecognizable nonHLA epitopes important?</strong></td>
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<td><strong>Dr. Rainer Oberbauer</strong></td>
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<td>9:00am – 9:15am</td>
<td><strong>Detection of memory B cell responses before allo-antibodies generation</strong></td>
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<td><strong>Dr. Oriol Bestard</strong></td>
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<td>9:15am – 9:30am</td>
<td><strong>New Immunosuppression Targets in the Innate Immune System</strong></td>
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<td><strong>Dr. Fadi Lakkis</strong></td>
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<td>9:30am – 9:45am</td>
<td><strong>Novel Therapeutic Targets for Desensitization and Antibody Mediated Rejection</strong></td>
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<td><strong>Dr. Flavio Vincenti</strong></td>
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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
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<td>The ultimate word about outflow reconstruction in LDLT</td>
<td>Dr. Massimo Malago</td>
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<td>2:00pm – 2:15pm</td>
<td>How to go from 0 to 50 in 5 years The University of San Antonio Story</td>
<td>Dr. Tarunjeet Klair</td>
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<td>2:15pm – 2:30pm</td>
<td>The true value of LDLT and why we should really push for it</td>
<td>Dr. Jim Pomposelli</td>
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<td>2:30pm – 2:45pm</td>
<td>Are there limits to Transplant Oncology? The US view</td>
<td>Dr. Roberto-Hernandez-Alejandro</td>
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<td>Are there limits to Transplant Oncology? The European view</td>
<td>Dr. Silvio Nadalin</td>
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<td>Are there limits to Transplant Oncology? The Asian view</td>
<td>Dr. Arvinder Soin</td>
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<td>Living Donor vs Extended Criteria Donor Liver Transplant for Oncology Indications</td>
<td>Dr. Shimul Shah</td>
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<td>3:30pm – 3:45pm</td>
<td>Discussion</td>
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Reception Dinner
*Baja Restaurant – Rome*