

**10<sup>th</sup> International Conference:  
Living Donor Abdominal Organ Transplantation  
State of the Art  
June 16-18, 2022  
Gubbio, Italy**

**Organizing Committee**

Enrico Benedetti, MD  
Lorenzo Gallon, MD  
Rainer W.G. Gruessner, MD  
Jacques Pirenne, MD  
Mark Siegler, MD  
Giuliano Testa, MD

**Local Organizing Committee**

Rainer Oberbauer, MD  
Mauro Frongia, MD  
Franco Citterio, MD

**Thursday, June 16, 2022**

## **Intestinal Transplantation Symposium**

### **Intestinal Transplantation: When, Why, How, and Alternatives**

*Chairpersons: Abhinav Humar, MD / Jacques Pirenne, MD*

- 2:30pm - 2:45pm      **Progresses in Medical Management of Intestinal Failure**  
*Tim Van Uytsel, MD*  
*Assistant Professor*  
*Leuven Intestinal Failure and Transplantation Center / LIFT*  
*Leuven, Belgium*
- 2:45pm - 3:00pm      **Reconstructive Surgery of the Short Bowel**  
*Antonino Morabito, MD, FRCS (Ed), FRCS (Eng), FICS*  
*Professor and Head, Pediatric Surgery*  
*University of Florence*  
*Florence, Italy*
- 3:00pm - 3:15pm      **Review of the Intestinal Transplant Registry**  
*Jacques Pirenne, MD*  
*Head, Abdominal Transplant Surgery*  
*Professor of Surgery*  
*Leuven Intestinal Failure and Transplantation Center / LIFT*  
*Leuven, Belgium*
- 3:15pm - 3:30pm      **Intestinal Transplant in Pediatrics**  
*Darius Mirza, MD*  
*Professor of Hepatobiliary & Transplant Surgery*  
*Birmingham Women's and Children's Hospital*  
*Birmingham, United Kingdom*
- 3:30pm – 3:45pm      **Intestinal Transplant in Adults**  
*Andrew Butler*  
*Consultant Transplant Surgeon*  
*Cambridge University Hospitals*  
*Cambridge, United Kingdom*
- 3:45pm - 4:00pm      **Intestinal Transplantation: The Pittsburgh Programme**  
*Abhinav Humar, MD*  
*Chief, Division of Abdominal Transplantation Surgery*  
*Clinical Director, Thomas E. Starzl Transplantation Institute*  
*Thomas E. Starzl Professor in Transplantation Surgery*  
*University of Pittsburgh Medical Center*  
*Pennsylvania, USA*
- 4:00pm – 4:15pm      Open Forum

**Friday, June 17, 2022**

8:00am - 8:15am            **Organizing Committee Welcome**

8:15am – 8:30am           **Invited Lectures**

**Risk of Live Donation: Relative Risk, Absolute Risk and Trouble with Comparator Groups**

*Bruce Kaplan, MD*

*Professor of Medicine and Surgery*

*Medical and Scientific Director*

*Colorado Center for Transplantation Care, Research and Education (CCTCARE)*

*Colorado, USA*

8:30am – 8:45am           **Long-Term Outcomes After Living Donor Transplantation – The U.S. Experience**

*Rainer W.G. Gruessner, MD, FACS*

*Professor of Surgery*

*State University of New York*

*New York, USA*

**LIVING DONOR KIDNEY TRANSPLANTATION: Current Issues**

*Chairpersons: Lorenzo Gallon, MD / Rainer Oberbauer, MD*

8:45am - 9:00am           **Tolerance Induction by Cell Therapy**

*Edward Geissler, PhD*

*Head of Experimental Surgery*

*University Hospital Regensburg*

*Germany*

9:00am – 9:15am           **Long-Term Follow Up of Tolerance Through Mixed Chimerism**

*Joseph Leventhal, MD, PhD*

*Fowler McCormick Professor in Surgery*

*Northwestern University Feinberg School of Medicine*

*Illinois, USA*

9:15am – 9:30am           **GFR Decline Post Donation What to Expect and How to Select Appropriate Candidates for Kidney Donation**

*Emilio D. Poggio, MD*

*Director, Center for Renal & Pancreas Transplantation*

*Cleveland Clinic*

*Ohio, USA*

9:30am - 9:45am           **APOL1 and Donor/Recipient Risk of Graft Failure**

*Barry I. Freedman, MD, FACP  
John Felts III Professor and Chair, Section on Nephrology  
Wake Forest School of Medicine  
Winston-Salem, USA*

9:45am – 10:00am      **New Approach in Immunosuppressive Therapy for Living Donor Kidney Transplantation**

*Lorenzo Gallon, MD  
Professor of Medicine and Surgery  
Medical Director, Translational Medicine Program  
Northwestern University Feinberg School of Medicine  
Illinois, USA*

10:05am - 10:15am      **Coffee break**

**LIVING DONOR KIDNEY TRANSPLANTATION: IMMUNIOLOGICAL ISSUES**

*Chairpersons: Lorenzo Gallon, MD / Rainer Oberbauer, MD*

10:15am – 10:30am      **Chronic T Cell Mediated Rejection**

*Enver Akalin, MD, FST, FASN  
Professor of Medicine and Surgery  
Albert Einstein College of Medicine  
Medical Director, Kidney and Pancreas Transplant Program  
Director, Transplant Nephrology Fellowship  
Montefiore Medical Center  
New York, USA*

10:30am - 10:45am      **Donor Reactive Memory B-cells and Outcomes**

*Oriol Bestard, MD, PhD  
Head of Department of Nephrology and Kidney Transplantation  
Vall d'Hebron University Hospital (HUVH)  
Associate Professor of Medicine  
Research lab group leader, Vall d'Hebron Research Institute (VHIR)  
Vall d'Hebron Barcelona Hospital Campus  
Spain*

10:45am – 11:00am      **cABMR – Any Treatment?**

*Alexandre Loupy, MD, PhD  
Professor of Nephrology  
Necker Hospital  
France*

11:00am - 11:15am      **nonHLA Alloimmunity**

*Rainer Oberbauer, MD  
Professor of Medicine  
University of Vienna  
Past Chair, EKITA  
Austria*

11:15am - 11:30am      **Strategies to Overcome Immunological Barriers in Living Kidney Transplantation: Desensibilization Versus Paired Kidney Donation**  
*Ugo Boggi, MD, FEBS*  
*Professor of Surgery*  
*University of Pisa*  
*Italy*

11:30am - 11:45pm      **Advances in Treatment of Antibody Mediated Rejection**  
*Stanley Jordan, MD, FASN, FAST*  
*Director, Nephrology & Transplant Immunology*  
*Medical Director, Kidney Transplant Program*  
*Cedars-Sinai Comprehensive Transplant Center*  
*California, USA*

11:45pm – 12:45pm      **Lunch**

**LIVING DONOR KIDNEY TRANSPLANTATION: TECHNICAL ISSUES I**

*Chairpersons: Enrico Benedetti, MD, FACS / Lloyd Ratner, MD, MPH, FACS*

12:45pm - 1:00pm      **Step by Step: The Standardized UIC Robotic Kidney Transplant Technique**  
*Pier C. Giulianotti, MD, FACS*  
*Lloyd M. Nyhus Chair in General Surgery*  
*Professor & Chief*  
*Division of Minimally Invasive, General & Robotic Surgery*  
*University of Illinois at Chicago*  
*Illinois, USA*

1:00pm - 1:15pm      **Starting Robotic Living Donor Nephrectomies at a Robotic Naïve Program**  
*Jose Oberholzer, MD, MHCM, FACS*  
*Stickler Family Professor of Surgery*  
*Director, Charles O. Strickler Transplant Center*  
*University of Virginia*  
*Virginia, USA*

1:15pm – 1:30pm      **Living Donation – What Ails Us?**  
*Lloyd Ratner, MD, MPH, FACS*  
*Professor of Surgery*  
*Columbia University*  
*New York, USA*

1:30pm – 1:45pm      **Robotic Kidney for Competitive Athletes**  
*Mauro Frongia, MD*  
*Director, Urology, Kidney Transplant and Robotic Surgery*  
*Azienda Ospedaliera G.Brotzu*  
*Italy*

1:45pm – 2:00pm **A Randomized Trial of Robotic Kidney Transplant with Sleeve Gastrectomy vs Transplant Alone**  
*Ivo G. Tzvetanov, MD, FACS*  
*Carl H. and Billie M. Frese & Gerald S. Moss Professorship in Transplant*  
*Department of Surgery*  
*University of Illinois at Chicago*  
*Illinois, USA*

2:00pm – 2:15pm **A Metric Driven Approach to Living Donor Kidney Transplantation**  
*Adam Bingaman, MD, PhD*  
*Director of Abdominal Organ Transplant*  
*Texas Transplant Institute at Methodist Hospital*  
*Texas, USA*

**LIVING DONOR KIDNEY TRANSPLANTATION: TECHNICAL ISSUES II**  
*Chairpersons: Enrico Benedetti, MD, FACS / Lloyd Ratner, MD, MPH, FACS*

2:15pm - 2:30pm **Domino KPD Chains Starting with Deceased Donors: Three Years Later**  
*Lucrezia Furian, MD*  
*Associate Professor*  
*Azienda Ospedale Universita' di Padova*  
*Italy*

2:30pm – 2:45pm **Engineering Low Eplet Mismatch Living Donor Transplants: A Transformative Paradigm**  
*Robert Montgomery, MD, DPhil, FACS*  
*Professor of Surgery*  
*Director, NYU Langone Transplant Institute*  
*New York, USA*

2:45pm – 3:00pm **A Strategy to Increase Return to Work After Kidney Transplant with Specialized Resistance Training: Results of a Randomized Trial**  
*Enrico Benedetti, MD, FACS*  
*Warren H. Cole Chair in Surgery*  
*University of Illinois at Chicago*  
*Illinois, USA*

3:00pm - 3:15pm **Cold Ischaemia Time in Living Donor Kidney Transplantation: Underestimated Importance**  
*Frank JMF Dor, MD, PhD, FEB(Hon), FRCS*  
*Consultant Transplant Surgeon*  
*Head of Transplantation*  
*Imperial College Renal and Transplant Centre*  
*United Kingdom*

3:15pm – 3:25pm **Open Forum**

3:25pm – 3:40pm **Coffee Break**

## **LIVING DONOR KIDNEY TRANSPLANTATION: CURRENT DONOR ISSUES**

*Chairpersons: Robert Montgomery, MD, DPhil, FACS / Ivo Tzvetanov, MD, FACS*

- 3:40pm - 3:55pm            **Big Data and Living Kidney Donors: An Update**  
*Dorry Segev, MD, PhD*  
*Professor of Surgery*  
*Johns Hopkins University*  
*Maryland, USA*
- 3:55pm – 4:10pm           **Strategies to Maximize Kidney Paired Donation. The NKR Experience**  
*Mikel Prieto, MD*  
*Assistant Professor of Surgery*  
*Mayo Clinic*  
*Minnesota, USA*
- 4:10pm – 4:25pm           **The Expectation, Implementation, and Impact of a Presidential Executive Order in Expanding Opportunities for Living Donor Kidney Transplantation and the Advances Over the Last Decade**  
*Matthew Cooper, MD*  
*Director, Kidney and Pancreas Transplantation*  
*Medstar Georgetown Transplant Institute*  
*Professor of Surgery*  
*Georgetown University School of Medicine*
- 4:25pm – 4:40pm           **The Long-Term Follow Up of a Living Donor**  
*Raja Kandaswamy, MD, MBA, FACS*  
*Sutherland-Butterflied Professor of Immunology and Transplantation*  
*Vice Chief, Division of Transplantation, Department of Surgery*  
*Medical Director, Solid Organ Transplant Services*  
*University of Minnesota Medical Center*  
*Minnesota, USA*
- 4:40pm – 4:55pm           **Impact of Government-Sponsored Financial Reimbursement of Expenses on Living Donation in the U.S.**  
*Akinlolu Ojo, MD*  
*Executive Dean*  
*University of Kansas School of Medicine*  
*Kansas, USA*
- 4:55pm – 5:00pm           **Open Forum**
- 5:00pm – 6:00pm           **Kidney Transplant Abstract Oral Presentations**  
*Chairpersons: Emilio D. Poggio, MD / Joseph Leventhal, MD, PhD*
- 6:00pm                        **Adjourn**

8:30pm

**Gala Dinner**



**Saturday, June 18, 2022**

8:30am – 8:50am

**Invited Lecture**

**The Technical Impact of Hepatectomy for Living Donation in Hepato-biliary Surgery**

*Massimo Malago, MD*

*Professor of Surgery*

*Royal Free London*

*London, United Kingdom*

**LIVING DONOR LIVER TRANSPLANTATION**

*Chairpersons: Abhinav Humar, MD, FACS / Elizabeth Pomfret, MD, PhD, FACS*

8:50am – 9:05am

**Outcome Comparison DCD vs Living Donor**

*Greg McKenna, MD, FRCS(C), FACS*

*Director, Transplant Surgery Research – Simmons Transplant Institute*

*Baylor University Medical Center*

*Texas, USA*

9:05am – 9:20am

**Robotic Right Lobe**

*Dieter Broering, MD, PhD, FEBS*

*Director, Organ Transplant Center*

*Chairman, Department of Surgery*

*King Faisal Specialist Hospital & Research Center*

*Riyadh, Saudi Arabia*

9:20am – 9:35am

**Laparoscopic Donor Hepatectomy**

*Choon Hyuck David Kwon, MD, PhD*

*Director of Laparoscopic Liver Surgery*

*Department of Surgery*

*Cleveland Clinic*

*Ohio, USA*

9:35am – 9:50am

**Open Approach**

*Mohamed Rela, MBBS, FRCS (London), MS*

*Chairman & Managing Director*

*Dr. Rela Institute & Medical Centre*

*Chennai, India*

9:50am – 10:05am

**UNOS and Living Donation Present and Future of Donor Policies**

*David Mulligan, MD, FACS*

*Section Chief Transplantation Surgery and Immunology*

*Yale School of Medicine*

*Connecticut, USA*

10:05am – 10:15am

**Financial Impact of Living Donor Liver Transplantation. Is It Competitive Against Deceased Liver Transplantation?**

*Julie Heimbach, MD, FACS  
Director Liver Transplantation  
Mayo Clinic Rochester  
Minnesota, USA*

10:15am – 10:30am      **Coffee Break**

### **LIVING DONOR ISSUES**

*Chairpersons: Patrizia Burra, MD, PhD / Greg McKenna, MD*

10:30am – 10:45am      **Backbench Preparation of a Living Donor Graft**  
*Giuliano Testa, MD, MBA, FACS  
Chairman, Simmons Transplant Institute  
Chief of Abdominal Transplant  
Baylor University Medical Center  
Texas, USA*

10:45am – 11:00am      **Living Donor for Re-Transplantation**  
*Abhinav Humar, MD  
Professor of Surgery  
University of Pittsburgh Medical Center  
Pennsylvania, USA*

11:00am – 11:15am      **Lessons Learnt from A2ALL: Research**  
*James Trotter, MD  
Program Director for General and Transplant Hepatology  
Baylor University Medical Center  
Texas, USA*

11:15am – 11:30am      **The Landscape of Living Liver Donation in the US**  
*Marwan Abouljoud, MD, FACS  
Director, Henry Ford Transplant Institute  
Michigan, USA*

11:30am – 11:45pm      **Lessons Learnt from A2ALL: The Donor**  
*Elizabeth Pomfret, MD, PhD, FACS  
Chief of Transplant Surgery  
University of Colorado, School of Medicine  
Colorado, USA*

11:45pm – 12:00pm      **Lessons Learnt from A2ALL: The Recipient**  
*Kim M. Olthoff, MD, FACS  
Donald Guthrie Professor of Surgery  
Chief, Division of Transplant Surgery  
University of Pennsylvania School of Medicine  
Penn Transplant Institute  
Pennsylvania, USA*

12:00pm – 12:15pm      **Discussion**

12:15pm – 1:15pm      **LUNCH**

### **LIVING DONOR PRESENT AND FUTURE**

*Chairpersons: Jim Pomposelli, MD / James Trotter, MD*

1:15pm – 1:30pm      **Living Donation for Acute Alcoholic Hepatitis**  
*Robert S. Brown, Jr., MD, MPH*  
*Gladys and Roland Harriman Professor of Medicine*  
*Vice Chair, Mentorship & Academic Development*  
*Department of Medicine*  
*Clinical Chief, Division of Gastroenterology & Hepatology*  
*Weill Cornell Medicine*

1:30pm – 1:45pm      **Crisis Management Planning in the Event of a Living Donor Death:  
Recommendations from the AST Living Donor Community of Practice**  
*Daniel G. Maluf, MD, FAST*  
*Professor of Surgery*  
*Director, Program in Transplantation*  
*University of Maryland Medical Center*  
*Maryland, USA*

1:45pm – 2:00pm      **Living Donation for Colo-Rectal Metastasis**  
*Silvio Nadalin, MD*  
*Director Transplant Center*  
*University of Tübingen*  
*Tübingen, Germany*

2:00pm – 2:15pm      **Discussion**

### **ETHICS OF LIVING DONATION AND TRANSPLANTATION**

*Chairperson: Mark Siegler, MD & Giuliano Testa, MD*

#### **Liver: Is It Ethical Pushing the Limit in the Donor for the Benefit of the Recipient?**

2:15pm – 2:30pm      **Living Donor Liver Transplant at the Extreme: Acute Alcoholic Hepatitis and  
Colo-rectal Metastasis**

**pro**  
*Jim Pomposelli MD*  
*Professor of Surgery*  
*Surgical Director of Liver Transplantation*  
*University of Colorado, School of Medicine*  
*Colorado, USA*

2:30pm – 2:45pm

**con**

*Abraham Shaked, MD, FACS  
Eliason Professor of Surgery  
Director of the Penn Transplant Institute  
University of Pennsylvania School of Medicine  
Penn Transplant Institute  
Pennsylvania, USA*

2:45pm – 3:00pm

**The New Field of Clinical Medical Ethics and Its Contributions to Surgical Ethics and Living Organ Donation**

*Mark Siegler, MD  
Lindy Bergman Distinguished Service Professor of Medicine and Surgery  
Executive Director, Bucksbaum Institute for Clinical Excellence  
Director, MacLean Center for Clinical Medical Ethics  
University of Chicago  
Illinois, USA*

3:00pm – 3:15pm

**How Changes in Brain Death Standards Will Affect the Future of Transplantation in the U.S and Other Countries?**

*Robert D. Truog, M.D.  
Director, Harvard Center for Bioethics  
Frances Glessner Lee Professor of Legal Medicine  
Professor of Anaesthesia (Pediatrics)*

3:15pm – 3:30pm

**Should the Living Donor Ethical Debate Evolve from Immediate Surgical Risk?**

*Anji Wall, MD, PhD  
Simmons Transplant Institute  
Baylor University Medical Center  
Texas, USA*

## **UTERUS TRANSPLANT**

*Chairpersons: Giuliano Testa, MD, FACS / David Mulligan, MD*

3:30pm – 3:45pm

**Predicting the Impact of Donor and Recipient Genetics on Post-Transplant Well-Being: Relevance in the Living Donor Transplant Setting**

*Abraham Shaked, MD, FACS  
Eliason Professor of Surgery  
Director of the Penn Transplant Institute  
University of Pennsylvania School of Medicine  
Penn Transplant Institute  
Pennsylvania, USA*

3:45pm – 4:00pm

**Evolution and Growth of Uterus Transplantation**

*Jiri Fronek, MD, PhD  
Head of Transplant Surgery  
IKEM Prague*

*Czech Republic*

4:00pm – 4:15pm

**The Importance of Research in Uterus Transplantation**

*Paige Porrett, MD, PhD*

*Associate Professor of Surgery*

*University of Alabama at Birmingham*

*Alabama, USA*

4:15pm – 4:30pm

**Coffee Break**

4:30pm – 4:45pm

**Development and Implementation of Robot Assisted Living Donor Hysterectomy**

*E. Colin Koon, MD, PhD*

*Baylor University Medical Center*

*Texas, USA*

4:45pm – 5:00pm

**Management of the Uterus Transplant Recipient**

*Liza Johannesson, MD, PhD*

*Medical Director, Uterus Transplant Program*

*Baylor University Medical Center*

*Texas, USA*

5:00pm – 5:15pm

**Discussion**

5:15pm

**Adjourn**