







# POSTGRADUATE COURSES UNE 30 & JULY 1

Designed specifically for medical professionals in training or for those in the early stages of their careers.

The Postgraduate Courses in Madrid, Spain will open the 27th International Congress of The Transplantation Society (TTS 2018). It will provide a wonderful forum for delegates to explore the innovations in transplantation biology and medicine. The Program also provides valuable interaction by enabling participants to meet and interact with leading scientists, physicians and surgeons in the field of transplantation.

Outcome<mark>Driven</mark>\_



Marcelo Cantarovich, Canada Course Co-Director

Medhat Askar, USA Course Co-Director

LOW REGISTRATION FEE - \$200 USD

ACCESS TO TTS 2018 WEBAPP / ATTENDEE DIRECTORY

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#### LUNCHES & BREAKS INCLUDED

ACCESS TO ALL AVAILABLE TTS 2018 Session Recordings



TRANSIT PASS & AFFORDABLE HOTELS

### Day 1 | June 30, 2018

- 08:30–10:30 Joint Session 1: Academic Survival Kit Medhat Askar, USA | Jeremy R. Chapman, Australia Roslyn B. Mannon, USA | Marcelo Cantarovich, Canada
- 11:15–13:15 Clinical Science 1: The Transplant Fitting Room Shaifali Sandal, Canada | Peter Nickerson, Canada Robert A. Mongomery, USA | Dominique Martin, Australia

Basic Science 1: Innate Immune Response & Microbiome Maria Koulmanda, USA | Carmen Peralta, Spain Avery J. Lam, Canada | Jonathan S. Bromberg, USA

14:15–16:15 Clinical Science 2: Dealing with the Aftermath Jay Fishman, USA | Camille Kotton, USA Germaine Wong, Australia | Gregory Alan Knoll, Canada

#### **Basic Science 2: T Cells**

Gavin Pettigrew, United Kingdom | Bernard Vanhove, France Sarah Crome, Canada | Megan Sykes, USA

#### 16:45–18:45 Clinical Science 3: Precision Thinking Valeria Mas, USA | Minnie Sarwal, USA Christopha Lagondro, Erroro, L. Touro van Colder, The Nothe

Christophe Legendre, France | Teun van Gelder, The Netherlands

#### Basic Science 3: B Cells and Innate Immune System

Olivier Thaunat, France | Gavin Pettigrew, United Kingdom Jordi Ochando, Spain | Estela Paz-Artal,Spain

### Day 2 | July 1, 2018

09:00-10:30	Clinical Science 4: Becoming Precise Michael Mengel, Canada   Sean Agbor-Enoh, USA Philip F. Halloran, Canada
	Basic Science 4: Immune Regulation & Flow Standardisation Megan Levings, Canada   Xian C. Li, USA Birgit Sawitzki, Germany
11:00-12:30	
	Basic Science 5: Future of Organ Transplant Replacement Daniel G. Maluf, USA   Anil Dhawan, United Kingdom
13:30-15:30	Joint Session 2: Future Look at Organ Shortage Giorgio Raimondi, USA   Alfred J. Tector III, USA Giuseppe Orlando, USA   Nina Babel, Germany
16:00-17:30	Joint Session 3: Transplant Mathaton Joseph Kim, Canada   Dorry Segev, USA Marcelo Cantarovich, Canada   Birgit Sawitzki, Germany

### VISIT OUR WEBSITE **WWW.TTS2018.ORG** TO REGISTER TODAY!

### TTS 2018 | Postgraduate Courses Faculty | June 30 - July 1

#### Joint Session 1: Academic Survival Kit



**Transplant Educator** Medhat Askar, USA



Preparing an Abstract and a Manuscript Jeremy R. Chapman, Australia



How To Write a Grant Roslyn B. Mannon, USA



How to Prepare and Present Slides Marcelo Cantarovich, Canada

Joint Session 2: Future Look at Organ Shortage



Tolerance Giorgio Raimondi, USA



**Xenotransplantation** Alfred J. Tector III, USA



Bioengineering and Regeneration of Solid Organs: Current Status and **Future Directions** Giuseppe Orlando, USA



Nina Babel, Germany Advanced Biomarkers of **Graft Function & Failure** 

Joint Session 3: **Transplant Mathaton** 



How to Understand and **Use Statistics** Joseph Kim, Canada



Big Data in Transplantation Dorry Segev, USA

Take Home Message (Clinical Science Path) Marcelo Cantarovich, Canada

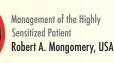


Take Home Message (Basic Science Path) Birgit Sawitzki, Germany

**Clinical Science Session 1:** The Transplant Fitting Room









Dominique Martin, Australia

#### **Clinical Science Session 2: Dealing with the Aftermath**







Transplant Malignancies Germaine Wong, Australia



Cardiovascular and Metabolic Gregory Alan Knoll, Canada

#### **Clinical Science Session 3: Precision Thinking**







Immunosuppression Christophe Legendre, France



#### **Clinical Science Session 4: Becoming Precise**



Transplant Pathology Michael Mengel, Canada



Sean Agbor-Enoh, USA



Molecular Microscope Philip F. Halloran, Canada

TCR NGS Based Evidence for **Differential Diagnosis and** Personalized Therapy in BKV

Ulrik Stervbo, Germany

Marina Pérez-Flecha González.

Nephropathy

#### **Clinical Science Session 5: Clinical Crowdsourcing**







Presentation of Lung Cancer on a Post **Kidney Transplant Patient** Bryan Gaza Ilagan, Philippines

Spain

**Basic Science Session 4:** Immune Regulation & Flow Standardisation



**Regulatory T and B Cells** Megan Levings, Canada





Assays e.g. Flow Cytometry Automate

## Basic Science Session 5:











Gatina Birgit Sawitzki, Germany

Genomics & Epigenomics in

Cellular Therapy for Liver Disease an

Anil Dhawan, United Kingdom

Daniel G. Maluf, USA

# The Future of Organ Transplant Replacement

Transplantations

Liver Regeneration





### Visit www.tts2018.org to register today!

#### **Basic Science Session 1:** Innate Immune Response & Microbiome



Inflammatory Triggers and Receptors - DAMPs and PAMPs Maria Koulmanda, USA



Inflammasome-mediated Inflammation Carmen Peralta, Spain

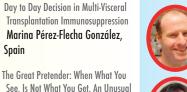


Alarmins and Their Receptors in Control of the Allo-immune Response Avery J. Lam, Canada



**Microbiome Analysis** Jonathan S. Bromberg, USA

**Basic Science Session 2:** T Cells



Allorecognition by the Adaptive Immune System: Direct, Indirect, and Semidirect

Gavin Pettigrew, United Kingdom

CD4 Effector T Cells: Activation, Costimulation, Th Repertoire, and (Finally) Exhaustion! Bernard Vanhove, France

Tissue-resident Immune Cells Sarah Crome, Canada



Utilizing TCR & BCR-Seg to Study Antigen-specific Immune Responses Megan Sykes, USA

**Basic Science Session 3: B** Cells and Innate Immune System



Update on B Cell Activation, Memory and Antibody Secreting Cells Olivier Thaunat, France





Adaptive Function of NK Cells

Jordi Ochando, Spain

Innate Lymphoid Cells

Estela Paz-Artal, Spain

& Macrophages