

## 16<sup>th</sup> International Congress on

# LUNG TRANSPLANTATION

Paris, september 12-13, 2024

Union Internationale des Chemins de Fer  
6 rue Jean Rey, Paris 15<sup>e</sup>

## DRAFT-PROGRAM as of May 2024

THURSDAY, SEPTEMBER 12 2024

8:45 a.m. Introduction

9:00-9:45 a.m.

Room Louis Armand

### Big Picture 1

- The role of innate allorecognition in transplantation – Breaking the dogma  
*Fadi Lakkis (Pittsburgh, USA)*

9:45-10:00 a.m. Break

10:00-11:35 p.m.

Room Louis Armand

### Donor, graft allocation and perioperative strategies

- From LAS to CAS : the moving targets of lung allocation in the USA  
*Carli Lehr (Cleveland, USA)*
- Donor and recipient frailty assessment and its prognostic utility  
*Lianne Singer (Toronto, Canada)*
- Can we modify frailty : pre-transplant rehabilitation strategies  
*Irene Bello (Barcelona, Spain)*
- Debate : Normothermic Regional Perfusion (NRP) in lung transplant : what do we do with it and do we need EVLP ?
  - PRO :
  - CON :

**10:00-11:35 p.m.**

**Room List**

### **Infectious diseases**

- Good food, good mood : let's eat right after lung transplantation  
*Anastasia Saade (Rennes)*
- Infection prophylaxis variations : Toronto,CML,Foch, Bichat comparison  
*Shahid Husain (Toronto, Canada)*
- Lessons learned from COVID-19 and what future pandemics await us ?  
*Robin Avery (Baltimore, USA)*
- Phage therapy in lung transplantation  
*Christian Kuehn*
- New antibiotics on the block  
*Benoit Pilmis*

**11:40-12:25 p.m.**

**Room Louis Armand**

### **Big Picture 2**

- Ex vivo lung perfusion: from preservation to organ regeneration  
*Marcelo Cypel (Toronto, Canada)*

**12:30-1:30 p.m.**

**Room Louis Armand**

### **Lunch Symposium**

Therakos

**1:50-3:50 p.m.**

**Room Louis Armand**

### **EVLP and preservation**

- Control of anti-donor immunity via ex vivo pre-treatment of the lung allograft with regulatory T cells  
*Stephen Juvet (Toronto, Canada)*
- Adenovirus vector applied gene therapy to improve lungs on EVLP  
*Matt Hartwig (Durham, USA)*
- Ex-vivo organ engineering gene therapy applications to ex vivo lung perfusion  
*Shaf Keshavjee (Toronto, Canada)*
- Not too cold and not too hot, just right ? Varying degrees of lung preservation  
*Marcelo Cypel (Toronto, Canada)*
- Donation after cardiac death (DCD) lungs and EVLP  
*Edouard Sage (Suresnes, France)*
- A centralized hub for EVLP and organ distribution: a dream or reality?  
*Jorge M. Mallea*

**1:50-3:50 p.m.**

**Room List**

### **Graft dysfunction : basics of physiopathology**

- Clinical and pathophysiologic parallels between CLAD and chronic pulmonary GVHD:  
Clinical analysis  
*Anne Bergeron*
- Clinical and pathophysiologic parallels between CLAD and chronic pulmonary GVHD:  
Pathophysiological analysis  
*Gregory Berra*
- Local production of intragraft donor-specific antibodies in lung transplantation  
*Tereza Martinu (Toronto, Canada)*
- Cellular targets of donor-specific antibodies and mechanisms of injury  
*Elaine Reed (Los Angeles, USA)*
- Genetic regulation of allogeneic immunity and lung transplant rejection  
*Scott Palmer (Durham, USA)*
- Telomeres and post-transplant outcomes  
*John McDyer (Pittsburgh, USA)*

**3:50-4:10 p.m. Break**

**4:10-6:10 p.m.**

**Room Louis Armand**

### **PGD and perioperative strategies**

- Debate: Operative and post-transplant ECMO for everyone ? PRO vs CON  
*PRO : Jasleen Kukreja*  
*CON : Konrad Hozenecker (Vienna, Austria)*
- Role of genetic susceptibility and natural killer cells in PGD and ARDS  
*Dany Calabrese (San Francisco, USA)*
- The upgraded PGD toolbox: Prediction algorithm and best management strategies  
*Jason Christie (Philadelphia, USA)*
- Mitochondrial therapy during EVLP  
*Sandra Lindstedt (Lund, Sweden)*
- Organ cryopreservation

**4:10-6:10 p.m.**

**Room List**

### **Graft dysfunction : biomarkers**

- A clinical Trial of Torque Teno Virus monitoring in lung transplantation – The VIGILUNG Study  
*Jens Gottlieb (Hannover, Germany)*
- Transcriptomics of transbronchial and mucosal biopsies: Updates from the INTERLUNG study  
*Kieran Halloran (Alberta, Canada)*
- Thoracic imaging in lung transplantation: CT, MRI and beyond  
*Stijn Verleden (Belgium)*
- What can small airway brushings add to our diagnostic armamentarium?  
*John McDyer (Pittsburgh, USA)*
- Cell-free donor-derived DNA: where are we at?  
Mickael Keller (USA)
- HLA DSA and Non HLA DSA: Please help us sort this out  
*Adriana Zeevi (Pittsburgh, USA)*

**FRIDAY, SEPTEMBER 13 2024**

**9:00-10:30 a.m.**

**Room Louis Armand**

### **New frontiers in indications – Pushing the limits**

- Should we transplant recipients over 70?  
*Laurens Ceulemans*
- Desensitization strategies  
*Antoine Roux (Suresnes, France)*
- Lessons learnt in lung transplant immunological matching and mismatching  
*Greg Snell (Australia)*
- Recipients with pulmonary hypertension: donor selection and management  
*Laurent Savale*
- Cross circulation landscape  
*Matthieu Glorion (Suresnes, France)*
- Selected abstracts

**10:30-10:45 a.m. Break**

**10:45-12:15 a.m.**

**Room Louis Armand**

### **Graft dysfunction: clinical practice**

- Debate : Induction therapy in lung transplantation  
- PRO : *Peter Jacksh (Vienna, Austria)*  
– CON : *Andrew Fisher (Newcastle, United Kingdom)*
- New AMR classification  
*Debbie Levine (Stanford, USA)*
- ScanCLAD Study: Tacrolimus vs. Cyclosporine in lung transplantation  
*Jesper Magnuson*
- Mesenchymal stem cell therapy for CLAD  
*Dan Chambers (Brisbane, Australia)*

**12:30-1:30 p.m.**

**Room Louis Armand**

### **Session supported by Biotest and Takeda**

#### **CMV**

Chair : John McDyer

- CMV clinical challenges and monitoring in lung transplantation

Laurie Snyder (Durham, USA)

- CMV treatment

*Camille Kotton (Harvard, USA)*

**2 :00-3 :30 p.m.**

**Salle Louis Armand**

### **Next Future**

- How to set up a new program: Indian experience
- Use of Artificial Intelligence for Graft Assessment and Allocation  
*Shaf Keshavjee (Canada)*
- Xenotransplantation  
*Bruno Reichart (France)*
- Chimerism and tolerance: the holy grail of transplantation?