



IMIRT 2022

**International Meeting on
Ischemia Reperfusion
Injury in Transplantation**

Poitiers, France

April 21-22, 2022

www.imirt.fr

IMIRT 2022 - PROGRAM - HOT TOPICS

1 Xenotransplantation & interspecies organogenesis

- New challenges and hurdles in xenotransplantation
Anticipated speaker:
Léo Bühler (Geneva, Switzerland)

2 Ex-vivo organ modification

- Genetic modification during organ preservation
Anticipated speaker:
Constanca Figueiredo (Hannover, Germany)
- Using stem cell to improve organ pre-transplantation
Anticipated speakers:
Benedikt M. Kessler (Oxford, UK),
Clara Steichen (Poitiers, France)

3 Predicting outcome

- How good are we at anticipating outcome? What are the remaining challenges
Anticipated speakers:
Robert Colvin (Boston, USA),
Maarten Naesens (Leuven, Belgium),
Olivier Thauvat (Lyon, France)

4 Where are the fourth-generation preservation solutions? +/- additives, such as metabolic compounds?

- Current use and perspectives in organ preservation solution
Anticipated speaker:
Ina Jochmans (Leuven, Belgium)
- Additives for preservation solution: old players and new challengers
Anticipated speaker:
Stefan G. Tullius (Boston, USA)

5 Oxidative stress

- Systemic effect of oxidative stress: programming the immune response
Anticipated speaker:
Oliver Hérault (Tours, France)
- Mitochondrial reprogramming to avoid oxidative stress
Anticipated speaker:
Didier Pisani (Nice, France)

6 Hypoxia

- How cells sense and adapt to oxygen availability
Anticipated speaker:
Peter J Ratcliffe (Oxford, UK)

7 The difficult jump from bench to bedside

- Leaving the lab to enter the business sphere: challenges & realities
Anticipated speakers:
Stéphane Bach (SeaBeLife, Roscoff, France),
Mustapha Belgsir (BioCydex, Poitiers, France),
Frédéric Marin (OP2 Drugs, Pessac, France)

8 Metabolism

- The impact of ischemia at the molecular level
Anticipated speakers:
Jan H.N. Lindeman (Leiden, The Netherlands),
Mike Murphy (Oxford, UK)

Information / Registration

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