



**IMIRT** 2022

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

Poitiers, France

April 21-22, 2022

[www.imirt.fr](http://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 speakers:  
**Rainer Blasczyk** (Hannover, Germany),  
**Constanca Figueiredo** (Hannover, Germany)
- Normothermic and hypothermic perfusion of kidneys and subsequent effects on their tissue degradome/urine proteome  
Keynote speaker:  
**Benedikt M. Kessler** (Oxford, UK)

## 3 Predicting outcome

- How good are we at anticipating outcome? What are the remaining challenges  
Keynote speaker:  
**Maarten Naesens** (Leuven, Belgium)

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

- Current use and perspectives in organ preservation solution  
Anticipated speaker:  
**Eric Savier** (Paris, France)

## 5 Oxidative stress

- Biological evaluation of oxidative stress: lessons from hematological malignancies  
Anticipated speaker:  
**Oliver Hérault** (Tours, France)
- Mitochondrial reprogramming to avoid oxidative stress  
Keynote speaker:  
**Didier Pisani** (Nice, France)

## 6 Hypoxia

- How cells sense and adapt to oxygen availability  
Anticipated speaker to be determined

## 7 The difficult jump from bench to bedside

- Leaving the lab to enter the business sphere: challenges & realities  
Keynote speakers:  
**Mustapha Belgsir** (BioCydex, Poitiers, France),  
**Frédéric Marin** (OP2 Drugs, Pessac, France)

## 8 Metabolism

- Mitochondria in cardiac ischemia-reperfusion injury  
Keynote speaker:  
**Mike Murphy** (Oxford, UK)

### Information / Registration

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