



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



Centre for  
Personalised  
Medicine

*17th -21st June 2019,*  
Palazzo del Bo, Archivio Antico - Orto Botanico, Aula Emiciclo  
University of Padua

*Summer School*

## **Translational and personalised Medicine: from bench to the bedside**

**June 17<sup>th</sup> 16:00 Openings:**

**Rosario Rizzuto**, Rector of the University of Padua,  
**Alessandro Paccagnella**, Vice-Rector for International Relations, University of Padua  
**Patrizia Burra**, Vice-Rector for postgraduates, University of Padua  
**Mario Plebani**, President School of Medicine, University of Padua  
**Simon J Leedham**, Director Centre for Personalised Medicine, University of Oxford

**Presenter: Stefano Merigliano (Padua)**

- 16:45 State of the art Lecture**  
Mitochondrial function and cell metabolism  
**Rosario Rizzuto (Padova)**
- 17.30 Coffee break**
- 18.00 Visit the Bo Palace**

## **Day 2 18<sup>th</sup> June Regenerative Medicine**

**Moderators: Francesco Paolo Russo (Padua) and Simon Leedham (Oxford)**

**09:30** Morphogenic control of intestinal stem cells in intestinal regeneration and cancer

**Simon J Leedham (Oxford)**

**10:00** Patient-derived acellular scaffold of colorectal cancer liver metastasis as an organotypic ex vivo model of liver metastatic colonization

**Gaya Spolverato (Padua)**

**10:30** Microfluidic technology enhances the potential of human pluripotent stem cells

**Nicola Elvassore (Padua)**

**11:00** **Coffee break**

**11:30** Single cell analysis of the stroma in intestinal homeostasis and inflammation

**Alison Simmons (Oxford)**

**12:00** Organoids as model system for regenerative medicine

**Tito Panciera (Padua)**

**12:30** **Lunch**

**13:15** **Visit Botanic Garden**

**15:00** **Visit Torre della Ricerca**

**Moderator: Antonella Viola (Padua)**

**17:30** **State of the art Lecture**

Stem Cell gene Therapy for Metabolic and Neurologic Disease

**Alessandra Biffi (Padua)**

**Day 3 19<sup>th</sup> June Cancer**

**Moderator: Anita De Rossi (Padua) and Fabio Farinati (Padua)**

- 09.30** Molecular stratification in CRC  
**Tim Maughan (Oxford)**
- 10.00** Personalised cancer medicine: myth and facts. The example of early breast cancer  
**Pierfranco Conte (Padua)**
- 10.30** Polymerase proofreading to personalised oncology: when errors permit precision  
**David Church (Oxford)**
- 11.00** **Coffee Break**
- 11.30** Targeting YAP/TAZ in cancer  
**Francesca Zanconato (Padua)**
- 12.00** Adoptive cell therapy in cancer  
**Antonio Rosato (Padua)**
- 12.30** **Lunch**
- 14.00** **Visit Bo Palace**
- 15.30** **Visit Istituto Oncologico Veneto**

**Moderator: Alberto Amadori**

- 17:30** **State of the art Lecture**  
Translating immunology into new therapeutics for IBD  
**Fiona Powrie (Oxford)**

**Day 4 20<sup>th</sup> June GI and Liver**

**Moderator: Renata D'Inca (Padua), Annarosa Floreani (Padua) Paolo Angeli (Padua)**

- 09:30** The role of genetics and epigenetics IBD  
**Jack Satsangi (Oxford)**
- 10:15** Extracellular vesicles as therapeutic tools  
**Maurizio Muraca (Padua)**
- 11:00** Coffee break
- 11:30** IgG4-related hepatobiliary disease  
**Ellie Barnes (Oxford)**
- 12:15** Liver regeneration and fibrosis: new players in the onset and resolution  
**Francesco Paolo Russo (Padua)**
- 13:00** Lunch
- 14:30** Visit Venetian Institute of Molecular Medicine

**Moderator: Vincenzo Ciminale (Padua)**

- 17:00** State of the art Lecture  
MAITs and their mates  
**Paul Klenerman (Oxford)**
- 17.45** State of the art Lecture  
Treatment of GI Cancer: Tumor Immune Microenvironment  
**Joseph Sung (Oxford-Honk Hong)**

## **Day 5 21<sup>st</sup> June Surgery and Transplantation**

**Moderator: Umberto Cillo (Padua) and Pietro Ruggieri (Padua)**

- 09:30** Melanoma: where are we?  
**Simone Mocellin (Padua)**
- 10:00** Prostate cancer – a ubiquitous disease  
**Freddie Hamdy (Oxford)**
- 10.30** Bladder cancer- from immunotherapy to robotic surgery  
**Fabrizio Dal Moro (Padua-Udine)**
- 11.00** Coffee break
- 11:30** Liver Transplantation in 2019  
**Patrizia Burra (Padua)**
- 12:00** Bioengineered heart, still a dream or reality?  
**Gino Gerosa (Padua)**

**Visit Department of Surgery, Oncology and Gastroenterology**

**Moderator: Lucrezia Furian (Padua)**

- 14:30** State of the art Lecture  
The End of the Ice Age: Normothermic Machine Perfusion for Organ  
Preservation in Transplantation  
**Constantin Coussios (Oxford)**