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 17th 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 18th June  Regenerative Medicine

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:30</td>
<td>Morphogenic control of intestinal stem cells in intestinal regeneration and cancer</td>
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<td>Simon J Leedham (Oxford)</td>
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<td>10:00</td>
<td>Patient-derived acellular scaffold of colorectal cancer liver metastasis as an organotypic</td>
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<td>ex vivo model of liver metastatic colonization</td>
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<td>Gaya Spolverato (Padua)</td>
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<td>10:30</td>
<td>Microfluidic technology enhances the potential of human pluripotent stem cells</td>
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<td>Nicola Elvassore (Padua)</td>
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<td>11:00</td>
<td>Coffee break</td>
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<td>11:30</td>
<td>Single cell analysis of the stroma in intestinal homeostasis and inflammation</td>
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<td>Alison Simmons (Oxford)</td>
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<td>12:00</td>
<td>Organoids as model system for regenerative medicine</td>
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<td>Tito Panciera (Padua)</td>
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<td>12.30</td>
<td>Lunch</td>
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<td>13:15</td>
<td>Visit Botanic Garden</td>
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<td>15.00</td>
<td>Visit Torre della Ricerca</td>
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**Moderator:** Antonella Viola (Padua)

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<td>Stem Cell gene Therapy for Metabolic and Neurologic Disease</td>
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<td>Alessandra Biffi (Padua)</td>
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Day 3 19th 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 20th June  GI and Liver

Moderator: Renata D’Incà (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 21st 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)