



Imperial College
London



Tissue Engineering Special Interest Group Meeting 2017

23rd March 2017

BHF Centre of Research Excellence & BHF Centres of Regenerative Medicine

LT2 Seminar Room, Wolfson Education Centre, Imperial College
Hammersmith Campus, Du Cane Road, W12 0NN

Organisers: Prof Paolo Madeddu and Prof Molly Stevens

| TIME | TITLE | Speaker/Organisation |
|--|--|--|
| 11:00 | Welcome and introduction | Prof Sian Harding |
| SESSION 1 Chair: Prof Molly Stevens | | |
| 11:10 | Acellular Biological Scaffolds for Cardiac Valve Replacement and Regeneration | Dr Helen Berry (University of Leeds) |
| 11:30 | Bioresorbable Biomaterials for Therapeutic Drug Eluting Stents | Prof Ipsita Roy (Westminster University) |
| 11:50 | Cellularized valvular conduits to treat congenital heart defect | Prof Massimo Caputo (University of Bristol) |
| 12:10 | Functionalized vascular grafts | Dr Paola Campagnolo (University of Surrey) |
| 12:30 BREAK | | |
| SESSION 2 Chair: Prof Paolo Madeddu | | |
| 13:15 | Cardiac patches for heart repair | Dr Sanjay Sinha (University of Cambridge) |
| 13:35 | Pluripotent stem cells for cellularization of vascular conduits | Dr Gabor Foldes (Imperial College London) |
| 13:55 | Stem cell encapsulation for tissue healing | Dr Richard Day (University College London) |
| 14:15 | Pathway to clinical delivery | Dr Ngoc Tri Vo (Cell Therapy Catapult) |
| 14:35 | Auxetic cardiac patches with tuneable mechanical and conductive properties | Michaela Kapnisi (Imperial College London) |
| 15:00 BREAK | | |
| SESSION 3 Chair: Prof Sian Harding | | |
| 15:30 | Keynote Lecture: Epicardial coating of the heart with stem cells for the treatment of heart failure | Prof Ken Suzuki (Queen Mary's University London) |
| 16:30 Drinks | | |