

| IST/iBB-RPI Workshop on Bioengineering and Regenerative Medicine July 10th – 11th 2017 Amphitheatre Qa1.1 | | |
|--|---|------------------------------------|
| July 10 th | | Speaker |
| 9:00 am | Introduction IST/iBB-RPI Workshop on Bioengineering and Regenerative Medicine | Joaquim Cabral Jonathan Dordick |
| 9:20 | Making Old Bones New Again: An ECM approach to Bone Regenerative Medicine | Deepak Vashishth |
| 10:00 | Addressing the Manufacturing Challenges of Stem Cell-based Therapies through Bioengineering | Cláudia Lobato da Silva |
| 10:40 | Coffee Break | |
| 11:10 | Laser Direct Write of Embryonic Stem Cells: Applications to Prime Differentiation | David Corr |
| 11:50 | Bioengineering Strategies for Neural Induction of Human Induced Pluripotent Stem Cells - Applications in Neural Disease Modelling and Toxicology Assays | Margarida Diogo |
| 12:30 | Molecular Control of Cellular Systems to Advance Regenerative Medicine | Jonathan Dordick |
| 1:10 pm | Lunch | |
| 2:10 | Gene Delivery Strategies to Modulate Stem Cell Function | Gabriel Monteiro |
| 2:50 | Building and Breaching Biological Barriers - A Tale of Two Membranes | Pankaj Karande |
| 3:00 | Bioreactors for Adult Stem Cells | Ana Fernandes-Platgummer |
| 3:40 | Bioreactors for Pluripotent Stem Cells | Carlos Rodrigues |
| 4:20 | Coffee Break | |
| 4:40 – 6:40 | Discussion | |
| 7:30 | Dinner | |
| July 11 th (IST/Lisbon) | | |
| 9:00 | Tailoring Functional Bioresorbable Materials for Therapeutic Applications | Richard Gross |
| 9:40 | Nanoparticles for traceable delivery | José Paulo Farinha |
| 10:20 | Coffee Break | |
| 10:50 | Tailoring biomaterials and devices for ex-vivo cell cultivation | Frederico Ferreira |
| 11:30 | Discussion | |
| 12:45 | Conclusions | |
| 1:00 pm | Lunch | |
| 2:30 IST/Tagus | Visit IST/Tagus; Specific Meetings | |