

3D Bioprinting for Healthcare Applications

TRAINING & WORKSHOP

AGENDA

DAY 1 / OCTOBER 17

- | | |
|---------------|--|
| 8:30 - 9:00 | Arrival, registration, and refreshments |
| 9:00 - 9:20 | Welcome to Royce and Royce's Bioprinting technology platform
<i>Tom Hancocks & Marco Domingos, Henry Royce Institute</i> |
| 9:20 - 9:30 | Introduction to CELLINK
<i>Andrew Ridley, Director Sales & Applications Europe, CELLINK</i> |
| 9:30 - 10:00 | Extrusion bioprinting technologies – principles and applications
<i>Isabella Bondesson Field Applications Specialist & Team Lead, CELLINK</i> |
| 10:00 - 10:30 | Bioprinting: A Reconstructive Surgeon's Perspective
<i>Dr. Jason Wong, Academic Consultant & Senior Clinical Lecturer in Plastic & Reconstructive Surgery</i> |
| 10:30 - 11:00 | Break |
| 11:00 - 11:30 | Fabricating drug delivery systems
<i>Prof. Dimitrios A. Lamprou, Chair of Biofabrication and Advanced Manufacturing, School of Pharmacy - Queen's University Belfast</i> |
| 11:30 - 12:00 | TBA
<i>Prof. Ipsita Roy, University of Sheffield</i> |
| 12:00 - 12:15 | Q&A session with the speakers |
| 12:15 - 13:15 | Lunch and networking |
| 13:15 - 15:15 | Hands-on group training |
| 15:15 - 15:45 | Break |
| 15:45 - 17:45 | Hands-on group training |
| 17:45 - 19:00 | Poster presentations and networking drinks |

DAY 2 / OCTOBER 18

- 8:30 - 8:55** **Arrival, registration, and refreshments**
- 8:55 - 9:00** **Overview of the day**
Marco Domingos, Henry Royce Institute
- 9:00 - 9:30** **Synthesis of biobased polymers for additive manufacturing**
Prof. Jorge Coelho, The University of Coimbra
- 9:30 - 10:00** **High-performance 3D bioprinting with light-based technologies**
Remmi Baker, PhD, Business Development, Nanoscribe & Pierre-Alexandre Laurent, Senior Field-Application Specialist, CELLINK
- 10:00 - 10:30** **Introducing the first bioprinter enabling sub-micron printing resolution
Quantum X Bio demo**
Remmi Baker-Sediako, PhD, Life Sciences Business Development Manager, Nanoscribe
- 10:30 - 10:45** **Break**
- 10:45 - 11:15** **Reshaping drug discovery for fibrosis and cancer:
Pioneering extracellular matrix (ECM) platform enabling
drug discovery in a physiological microenvironment**
Lisa Sassi, Scientist, Engitix Therapeutics
- 11:15 - 11:45** **Advanced 3D bioprinting of human tissues towards drug-screening
and personalized medicine**
Clément Milet, Laboratory Director, CTI Biotech
- 11:45 - 12:00** **Q&A session with the speakers**
- 12:00 - 13:00** **Lunch and networking**
- 13:00 - 15:00** **Hands-on group training**
- 15:00 - 15:30** **Break**
- 15:30 - 17:30** **Hands-on group training**
- 17:30 - 17:45** **Closing remarks**