

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	Natural Polymers of bacterial origin and their use in Biomedical Applications <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

8:30 - 8:55	Arrival, registration, and refreshments
8:55 - 9:00	Overview of the day <i>Marco Domingos, Henry Royce Institute</i>
9:00 - 9:30	Synthesis of biobased polymers for additive manufacturing <i>Prof. Jorge Coelho, The University of Coimbra</i>
9:30 - 10:00	High-performance 3D bioprinting with light-based technologies <i>Remmi Baker, PhD, Business Development, Nanoscribe & Pierre-Alexandre Laurent, PhD, Senior Field-Application Scientist, CELLINK</i>
10:00 - 10:30	Introducing the first bioprinter enabling sub-micron printing resolution Quantum X Bio demo <i>Remmi Baker-Sediako, PhD, Life Sciences Business Development Manager, Nanoscribe</i>
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 <i>Lisa Sassi, Scientist, Engitix Therapeutics</i>
11:15 - 11:45	Advanced 3D bioprinting of human tissues towards drug-screening and personalized medicine <i>Clément Milet, Laboratory Director, CTI Biotech</i>
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

BROUGHT TO YOU BY