

Royce Training: 3D Bioprinting for Healthcare Applications

In partnership with CELLINK Bioprinting AB and Nanoscribe

17– 18 October 2022

Henry Royce Institute, Royce Hub Building, The University of Manchester, Manchester, M13 9PL

17 October 2022	
08.30 – 09.00	Arrival, Registration and Refreshments
09.00 – 09.10	Welcome to Royce <i>Tom Hancocks, Henry Royce Institute</i>
09.10 – 09.20	Royce's Bioprinting Technology Platform <i>Dr Marco Domingos, Henry Royce Institute</i>
09.20 – 09.30	CELLINK Introduction <i>Dr Andrew Ridley, Director Sales & Applications Europe, CELLINK</i>
09.30 – 10.00	Extrusion-Based Bioprinting Technologies – Principals and Applications <i>Isabella Bondesson, Field Applications Specialist & Team Lead, CELLINK</i>
10.00-10.30	Invited Talk 1 <i>Dr. Jason Wong, Academic Consultant & Senior Clinical Lecturer in Plastic & Reconstructive Surgery</i>
10.30 – 11.00	Break
11.00 – 11.30	Invited Talk 2: A journey to the wonderful world of 3D printed drug delivery systems <i>Prof. Dimitrios Lamprou, Chair of Biofabrication and Advanced Manufacturing, School of Pharmacy – Queen's University Belfast</i>
11.30 – 12.00	Invited Talk 3 <i>Prof. Ipsita Roy, Univeristy of Sheffield</i>
12.00 – 12.15	Q&A Session
12.15 – 13.15	Lunch and Networking
13.15 – 15.15	Hands on session <i>Hosted by the Field Application Specialists, CELLINK & Nanoscribe</i>
15.15 – 15.45	Break
15.45 – 17:45	Hands on session <i>Hosted by the Field Application Specialists, CELLINK & Nanoscribe</i>

17 October 2022	
17:45	End of Day
17:45 – 19:00	Networking Drinks

18 October 2022	
08.30 – 08:55	Arrival, Registration and Refreshments
08.55 – 09.00	Overview of the day <i>Dr Marco Domingos, Henry Royce Institute</i>
09.00 – 09.30	Invited Talk 4: Synthesis of Biobased Polymers for Additive Manufacturing <i>Prof. Jorge Coelho, The University of Coimbra</i>
09.30 – 10:00	Invited Talk 5: High-precision biofabrication with light-based bioprinting: principles and applications <i>Pierre-Alexandre PhD, Senior Application Specialist, CELLINK</i> <i>Remmi Baker PhD, Business Development, Nanoscribe</i>
10.00– 10.30	Remote Demo Quantum X bio <i>Remmi Baker, Business Development, Nanoscribe</i>
10.30 – 10.45	Break
10.45 – 11.15	Invited Talk 6: 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	Invited Talk 7: Advanced 3D bioprinting of human tissues towards drug-screening and personalized medicine <i>Clement Milet, Laboratory Director, CTI Biotech</i>
11.45-12.00	Q&A Session
12.00 – 1300	Lunch and Networking
13:00 – 15:00	Hands on session <i>Hosted by the Field Application Specialists, CELLINK & Nanoscribe</i>

18 October 2022	
15.00 – 15.30	Break
15.30 – 17.30	Hands on session <i>Hosted by the Field Application Specialists, CELLINK & Nanoscribe</i>
17.30 – 17.45	Closing Remarks and Feedback <i>Tom Hancocks, Henry Royce Institute</i> <i>Marco Domingos, Henry Royce Institute</i>
18.00	End of Day