

Extrusion 3D Bioprinting for Healthcare Applications

WORKSHOP

AGENDA

14 MAY

8:30 - 9:00	Arrival and registration
9:00 - 9:20	Welcome to this workshop and introduction to CELLINK Cathrin Schulz, <i>Sales Executive CELLINK</i>
9:20 - 10:00	Personalized cartilage and tendon implants: 3D bioprinting using modified biomaterials Dr. rer. nat. Achim Weber <i>Dep. Head of Department Functional Surfaces and Materials, Fraunhofer IGB</i>
10:00 - 10:40	3D Bioprinting: Challenges and possibilities for standardization Isabelle Schmidt, <i>NMI Natural and Medical Sciences Institute, The University of Tübingen</i>
10:40 - 11:10	Break
11:10 - 11:50	Developing bioinks for native-like 3D tissue models Volodymyr Kuzmenko, Ph.D, <i>Principal Scientist, CELLINK</i>
11:50 - 13:00	Lunch and networking <i>12:40 - 13:00 Lab Tour (optional)</i>
13:00 - 13:40	Extrusion bioprinting technologies - principles and applications Isabella Bondesson, <i>Application Scientist & Team Lead, CELLINK</i>
13:40 - 15:10	Hands-on training: Extrusion-based multi-material bioprinting
15:10 - 15:40	Break
15:40 - 17:10	Hands-on training: Designing models for multi-material bioprinting