INTERNATIONAL CONFERENCE

BIOFABRICATION 2022 PISA

SEPTEMBER 25·28 / MONTECATINI TERME

PROGRAM AT A GLANCE

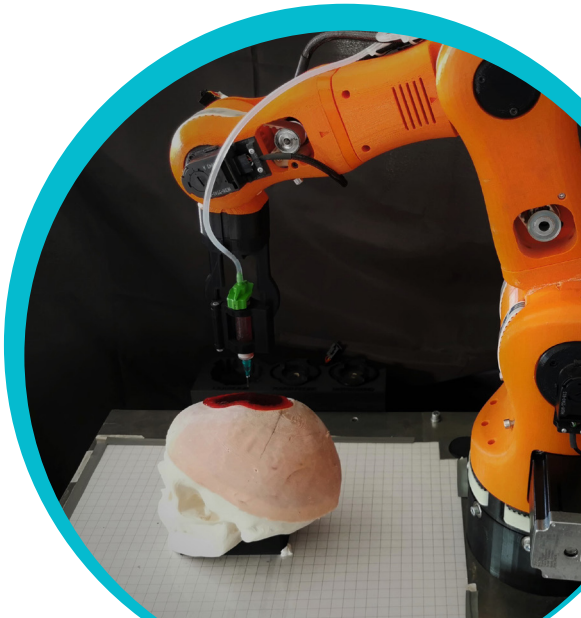
	SUNDAY	MONDAY				TUESDAY	
		Verdi	**Vittoria1**	**Vittoria2**	**Vittoria3**	**Verdi**	
8.30		Registration				New technologies for bioprinting 1	
9.00		Bioinks & Biomaterials 1	Engineering Bone, Cartilage, Ligaments	Advanced materials for monitoring and guiding cell fate	Engineering the Nervous System		
9.30							
10.00							
10.30		Coffee Break				Coffee Break	
11.00	Board meeting (invited members only)	Poster session 2				Poster session 3	
11.30							
12.00		Plenary A. Mata				Plenary P. Netti	
12.30							
13.00		Lunch				Lunch	
13.30	Registration						
14.00		Plenary V. Raffa				Plenary J. Jang	
14.30							
15.00	Opening Ceremony	Promoting Vascularization 1	Bioinks & Biomaterials 2	New trends in 4D biofabrication techniques	Biofabrication of Cancer In Vitro Model	New technologies for bioprinting 2	
15.30							
16.00	Plenary T. Boland						
16.30		Coffee Break				Coffee Break	
17.00	Founders sessions *	Promoting Vascularization 2	Bioinks & Biomaterials 3	Bioassembly and bioprinting of organoids	Harnessing Light-based technologies and materials in Biofabrication	Annual general assembly	
17.30	Poster session 1						
18.00							
18.30			ESA Topical Team on Bioprinting in Space (invited members only)				
19:00	Welcome cocktail						
20:00		Young event				Gala Dinner	

	Vittoria1	Vittoria2	Vittoria3
	Digestive system (Liver, Gut, Pancreas)	Cardiovascular System	Kidney and adipose tissue in vitro model
	Bioengineering for the biofabrication: a multidisciplinary session promoted by GNn	OOC and Bioreactors	TERMIS meets ISBF

WEDNESDAY

Verdi	Vittoria1	Vittoria2	Vittoria3
Commercial applications & Technology Transfer	Bioprinted medical technologies & implants 1	3R in Biofabrication	Active ageIng and osteoporosis: The next challenge for smart nanobiomaterials and 3D technologies **
Coffee Break			
Computational Models in Biofabrication	Bioprinted medical technologies & implants 2	New Technologies for Bioprinting 3	
Award and Closing			

* From research to products in the biofabrication realm
** Session promoted by the EU project Giotto



NTB_028	Songwan Jin	Phenotypically relevant generation of liver models through novel bioprinting extrusion technology
IVM_022	Giuseppe Guagliano	Design and validation of a 3D-bioprinted, dynamically cultured in vitro model of the liver
IVM_072	Ashwini Rahul Akkineni	Biofabrication of a perfusable liver sinusoid model
B&B_044	Daekeun Kim	3D Bioprinting of Macro Hepatic Tissue Module Using Light-Activated Liver Decellularized Extracellular Matrix-Based Bioink
B&B_069	Hohyeon Han	Biomaterials for Regulating Phenotype Plasticity In Human Intestinal Epithelium In Vitro
NTB_016	Jaewook Kim	Development of Pancreatic Construct for Type 1 diabetes by 3D cell Printing Technology
IVM_044	Sophie Dani	Functionality of bioprinted murine Islets of Langerhans and photosynthetically active microalgae within co-culture conditions

- **Session:** Cardiovascular system
- **Time:** 8:30 – 10:30
- **Location:** Hotel Victoria 2
- **Chairs**: Tim Woodfield, Daniele Testore

ABSTRACT #	PRESENTER	TITLE
CTL_002	Carmine Gentile (Keynote)	3D Bioprinted Human Cardiac Spheroid Patches for Heart Repair
B&B_015	Federico Vozzi	Engineering 3D in vitro cardiac tissue models for cardiotoxicity assessment
B&B_054	Yasutaka Takehana	Integrated production of multi-component cardiac tissue
IVM_039	Madison J. Ainsworth	Convergence of dual extrusion-based bioprinting and melt electrowriting enables the fabrication of pre-vascularized myocardial constructs
IVM_064	Felix Engel	3D-bioprinting of functional human cardiac ventricles using a collagen-based bioink