

INTERNATIONAL
CONFERENCE

BIOFABRICATION 2022 PISA

SEPTEMBER 25-28 / MONTECATINI TERME

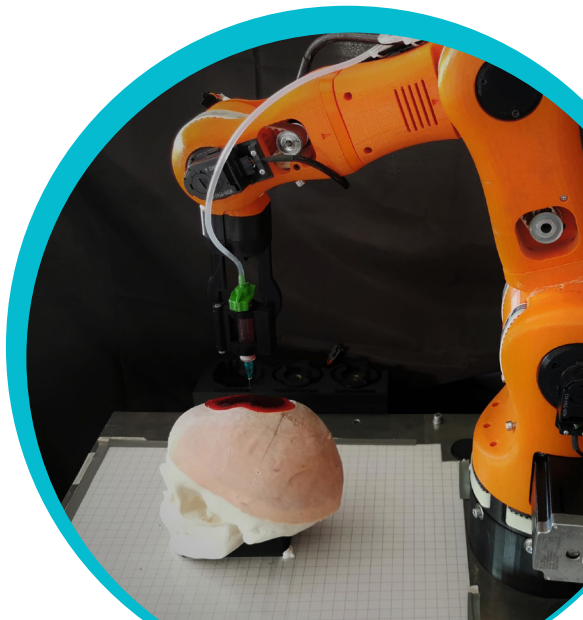


PROGRAM AT A GLANCE

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

WEDNESDAY

Vittoria1	Vittoria2	Vittoria3	Verdi	Vittoria1	Vittoria2	Vittoria3
Digestive system (Liver, Gut, Pancreas)	Cardiovascular System	Kidney and adipose tissue in vitro model	Commercial applications & Technology Transfer	Bioprinted medical technologies & implants 1	3R in Biofabrication	Active ageing and osteoporosis: The next challenge for smart nanobio-materials and 3D technologies **
Coffee Break						
			Computational Models in Biofabrication	Bioprinted medical technologies & implants 2	New Technologies for Bioprinting 3	
			Award and Closing			
			<p>* From research to products in the biofabrication realm</p> <p>** Session promoted by the EU project Giotto</p>			
Bioengineering for the biofabrication: a multidisciplinary session promoted by GNN	OOC and Bioreactors	TERMIS meets ISBF				



NTB_006	Waseem Kitana	4D Biofabrication of T-shaped Bifurcation as a Potential Vascular Substitute
B&B_046	Michele Conti	Bacteria-laden biosensing materials to address molecule detection in environmental and clinical samples
IVM_032	Irene Chiesa	Development of a self-folding engineered trachea by 4D bioprinting
NTB_060	Andrés Díaz Lantada	Design strategies for 4D and nD printing: from smart medical devices toward living materials

▶ **Session:** Biofabrication of Cancer In Vitro Model

▶ **Time:** 15:00 - 16:30

▶ **Location:** Hotel Victoria 3

▶ **Chairs:** James Yoo, Hannes Horder

ABSTRACT #	PRESENTER	TITLE
B&B_300	Giovanna Brusatin (Keynote)	Biomaterials and engineered microenvironments to control cell behaviour
IVM_046	Jisoo Kim	Bioprinting of Vascularized Patient-derived Gastric Cancer Organoids for Precision Personalized Medicine Targeting VEGFR2 Signals
IVM_059	Yoo-mi Choi	In Vitro Vascularized Lung Cancer Models To Evaluate Cancer Progression and Metastasis Under Pulmonary Fibrosis
IVM_069	Barbara Blanco-Fernandez	Development of bioprinted breast cancer models using decellularized mammary glands
IVM_004	Jieun Seo	A Multicellular 3D Culture System for Revealing the Mechanism of Metastatic Progression in the Tumor Microenvironment
IVM_014	Won-Woo Cho	Development of Blood-lymphatic Integrated System with Heterogeneous Cancer Spheroids via In-bath 3D Bioprinting