



# 3rd edition EMBL-IBEC Conference

## ENGINEERING MULTICELLULAR SYSTEMS

Short presentation (10 minutes)

SHORT TALKS (10 minuts)				
TIME	NAME	SURNAME	INSTITUTION	TITLE
<b>24/04/2024</b>				
10:30	<b>Maria</b>	<b>Costanzo</b>	EMBL Barcelona	Size control of in vitro somites
12:00	<b>Amélie</b>	<b>Godeau</b>	Institute for Bioengineering of Catalonia (IBEC)	Mechanics of Human and Mouse Embryo Implantation
15:15	<b>Judith</b>	<b>Guasch</b>	ICMAB-CSIC	Artificial extracellular matrices based on 3D hybrid hydrogels for immune cell and organoid manufacture
16:30	<b>Pau</b>	<b>Guillamat</b>	IBEC	Nematically-guided morphogenesis
<b>25/04/2024</b>				
10:00	<b>Sarah</b>	<b>Hindle</b>	Blizard Institute, Queen Mary University of London	Replicating Dynamic Immune Responses within a Microfluidic Human Skin Equivalent Model
11:45	<b>Alex</b>	<b>Hughes</b>	Department of Bioengineering, University of Pennsylvania	Harnessing the rhythmic biology of early kidney formation for synthetic morphogenesis



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14:30	<b>Miriam</b>	<b>Javier Torrent</b>	University of Liège, GIGA Neurosciences	Role of mechanotransduction in the control of interneurons migration in the cortex
16:15	<b>Ryan</b>	<b>Sarkar</b>	BMLS, Goethe University Frankfurt a.M.	SHAPE: Investigating innate immunity in real microgravity aboard the International Space Station using advanced human bone marrow organoids.
<b>26/04/2024</b>				
9:30	<b>Joana</b>	<b>Silva</b>	EMBL Barcelona	Hormonal Regulation of Germ Layer Specification in Micropatterned Gastruloids
12:15	<b>Tobias</b>	<b>Walther</b>	Max Planck Institute for Medical Research	DNA microbeads for spatio-temporally controlled morphogen release within organoids