

Day 1   Monday, June 14	
09.00-09.30	Registration
09.30-09.45	<b>Welcome and Opening Ceremony</b> Rui L. Reis and S. C. Kundu <i>(3B's Research Group, University of Minho, Portugal   FoReCaST 2021 Conference Chairs)</i>
	Chair: Rui L. Reis   Co-Chair: S. C. Kundu
	<b>Opening Lecture</b>
09.45-10.45	<b>KL01 - Organoids To Model Human Disease</b> <u>Hans Clevers</u> <i>(Hubrecht Institute and the Princess Máxima Center for Pediatric Oncology, Utrecht University, The Netherlands)</i>
10.45-11.15	Coffee-Break
11.15-12.15	<b>KL02 - Development of 3D tumouroids</b> <u>Umer Cheema</u> <i>(University of College of London (UCL), Division of Surgery &amp; Interventional Science, United Kingdom)</i>
12.15-12.30	<b>OP01 - Collective directional migration drives the formation of heteroclonal cancer cell clusters</b> <u>Miriam Palmiero</u> <i>(Candiolo Cancer Institute - FPO- IRCCS, Department of Oncology - University of Turin, Italy)</i>
12.30-14.30	Lunch (Restaurant)
	Chair: Miguel Oliveira   Co-Chair: Catarina Abreu
14.30-15.30	<b>KL03 - Engineering the tumour microenvironment with biomimetic materials and systems</b> <u>Subhas Kundu</u> <i>(3B's Research Group, University of Minho, Portugal)</i>
15.30-15.45	<b>OP02- Growth factors delivery system for skin regeneration: an advanced wound dressing</b> <u>Marta Nardini</u> <i>(Biotherapy Laboratory, Department of Internal Medicine (DIMI) University of Genova, Italy)</i>
15.45-16.00	<b>OP03- Can patient-derived organoid models guide clinical decision making in head and neck squamous cell carcinoma?</b> <u>Rosemary Millen</u> <i>(Hubrecht Institute and Oncode Institute, Utrecht, The Netherlands)</i>
16.00-16.30	Coffee-Break
16.30-17.30	<b>KL04- Replicating the cross-talk between cancers and bone using complex engineered models of vascularized bone tissue in-vitro, in-vivo and on-a-chip</b> <u>Luiz Bertassoni</u> <i>(Oregon Health and Science University (OHSU), USA)</i>

Day 2   Tuesday, June 15	
Chair: Vitor Correlo   Co-Chair: Banani Kundu	
09.30-10.30	<b>KL05 - 2D and 3D in vitro models able to mimic the role of hyaluronic acid on gastric cancer</b> <u>Ricardo Pires</u> (3B's Research Group, University of Minho, Portugal)
10.30-10.45	<b>OP04 - Tumor-Associated Protrusion Fluctuations as a Signature of Breast Cancer Invasiveness</b> <u>David Caballero</u> (3B's Research Group, University of Minho, Portugal)
10.45-11.15	Coffee-Break
11.15-12.30	<b>KL06 - Tissue repair by activation of endogenous stem / progenitor cells</b> <u>Ranieri Cancedda &amp; Milena Mastrogiacomo</u> (Genova University, Italy)
12.30-14.00	Lunch (Restaurant)
Chair: Ricardo Pires   Co-Chair: Miguel Neves	
14.00-15.00	<b>KL07 - Bioprinting of in vitro 3D models</b> <u>Miguel Oliveira</u> (3B's Research Group, University of Minho, Portugal)
15.00-15.15	<b>OP05 - Alternative extracellular matrix formulation for growing patient-derived colorectal cancer organoids</b> <u>Banani Kundu</u> (3B's Research Group, University of Minho, Portugal)
15.15-15.30	<b>OP07 - Carbohydrate amphiphiles as selective inhibitors of cancer cell growth</b> <u>Alexandra Brito</u> (3B's Research Group, University of Minho, Portugal)
15.30-15.45	Coffee-Break
15.45-16.45	<b>KL08 - Perturbation of hyaluronan functions toward understanding and treatment of breast cancer</b> <u>Iva Pashkuleva</u> (3B's Research Group, University of Minho, Portugal)

Day 3   Wednesday, June 16	
	Chair: David Caballero   Co-Chair: Sandra Carvalho
09.30-10.30	<b>KL09 - Electrohydrodynamic jetting: developments, tips, and tricks in the fabrication of microfibers for tissue engineering applications</b> <u>Paul Wieringa</u> (MERLN Institute, Maastricht University, The Netherlands)
10.30-10.45	<b>OP08 - Modelling lung cancer metastasis through a human microcirculation-on-a-chip</b> <u>Catarina Abreu</u> (3B's Research Group, University of Minho, Portugal)
10.45-11.15	<i>Coffee-Break</i>
11.15-12.15	<b>KL10 - Tumor-derived Extracellular Vesicles: From cell-cell communication to biomarkers discovery</b> <u>Bruno Costa da Silva</u> (Champalimaud Centre for the Unknown, Lisbon, Portugal)
12.15-12.30	Closing session