

# 3D in vitro models for pre-clinical studies of biological therapies workshop

Monday 29th April 2019

- 13:00**      **Session 1, with a brief Introduction to the City of London Centre**  
**Chair: Sergio Quezada (UCL Cancer Institute)**
- 13:10-13:40      Determinants of immunological response to checkpoint blockade in human cancers  
**Daniela Thommen (Netherlands Cancer Institute)**
- 13:40-14:10      Development of Patient-specific 3D tumouroids to optimise response to cancer treatments  
**Umber Cheema (UCL Division of Surgery & Interventional Sciences)**
- 14:10-14:40      Multi-cellular 3D models of ovarian cancer for studying biological therapies  
**Fran Balkwill (Barts Cancer Institute)**
- 14:40-15:00      Therapy-induced stress and immunomodulation in response to ADC/chemo-therapeutics: assessment by multiphoton tumour spheroid imaging  
**Tony Ng and Peter Gordon (King's College London)**
- 15:00**      **Tea and coffee break**
- 15:30**      **Session 2**  
**Chair: Fran Balkwill (Barts Cancer Institute)**
- 15:30-16:00      Single-Cell Signalling Analysis of Heterocellular Organoids by Mass-Cytometry  
**Chris Tape (UCL Cancer Institute)**
- 16:00-16:30      Organs-on-Chips and the Future of Disease Modeling  
**Riccardo Barrile (Emmulate, Inc.)**
- 16:30-16:50      Reconstructing the human breast duct as a model for understanding cancer progression and therapy  
**Ed Carter (Barts Cancer Institute)**
- 16:50-17:30      General Discussion (with drinks and snacks)  
Topic - What questions can we answer with 3D multi-cellular models?  
**Chair: Daniela Loessner (Barts Cancer Institute)**
- 17:30**      **Close**

