

RoAR: Replacement of Animals in Research

12th October 2016 2pm-5pm

UCL Forum for multidisciplinary innovative research for the 3Rs

TIME	EVENT	SPEAKER
2:00-2:10pm	INTRODUCTION	
	Venue: Schild Pharmacology LT	Prof Marilena Loizidou
		NC3Rs colleagues Dr Anthony Holmes Dr Vicky Robinson
2:10 – 3:30pm	CAPABILITY SHOWCASE	
	Venue: Schild Pharmacology LT	
	Tumour modelling in 3D – tissue engineering	Dr Umer Cheema Surgery and Interventional Science
	Tumour modelling for imaging – delivery of radiotherapy	Dr Kate Ricketts Clinical Radiotherapy; Surgery and Interventional Science
	Liver modelling – tissue Engineering	Prof Massimo Pinzani Institute of Liver & Digestive Health
	Bioprocess Microfluidics	Prof Nicolas Szita Biochemical Engineering
	Access to patient tissue for research	Dr Amir Gander TAPb
	Optical methods in neurons	Dr Andrew Macaskill Neuroscience
	Models to simulate liver metabolism	Prof David Bogle Chemical Engineering and Doctoral School
	Non-invasive global imaging using optical projection tomography for longitudinal studies of tumour progression in live adult zebrafish	Dr Laura Wisniewski Medicine
	In silico angiogenesis	Dr Vasili Vavourakis CMIC – Medical imaging Computing
	Conclusion and key challenges	

3:10-3:35	COFFEE BREAK AND NETWORKING	
	Venue: Foster Court; 1 st floor foyer, outside room 112 & 113	
3:35-4:35pm	DISCUSSION OF CHALLENGES AND BREAKOUT SESSIONS	
	VENUE: Foster Court 112, 113, 130, 219	
	Computational Biology	Challenge facilitators
	NC3Rs Retinal 3D https://www.crackit.org.uk/challenge-23-retinal-3d	Challenge facilitators
	NC3Rs Maximize https://www.crackit.org.uk/challenge-25-maximise	Challenge facilitators
	NC3Rs https://www.crackit.org.uk/challenge-22-osteo-chip	Challenge facilitators
	VENUE: Roberts Building Foyer G02	
4:35-4:55pm	Challenge summing up and Close of meeting	
5:00-6:00pm	DRINKS RECEPTION AND NETWORKING	
	VENUE: Roberts Building Foyer G02	

Steering Committee:

Surgery: Prof Marilena Loizidou, Dr Brian Cousins; **Medicine:** Dr Nathan Davies, Dr Jill Norman; **Engineering:** Dr Guy Moss, Dr Vanessa Diaz; **Biological Services:** Dr Duncan Moore