



Trinity College Dublin Network Wide Event

Monday 19th and Tuesday 20th of February
O'Reilly Building , 1st floor

TIME	MONDAY	DESCRIPTION
09:00-09:30	Introduction & Tour Table	Introduction by the REA Project Officer and the Project Coordinator on the purpose of the meeting. Tour de table: All scientists in charge should briefly present their research team and describe their role within the network.
09:30-9:50	REA Project Officer Presentation	Presentation on the monitoring of project implementation reporting and the purpose of the mid-term check <i>Dr. Isabelle Aries-REA Project Officer</i>
9:50-10:35	Coordinator's Report	Presentation of the Network and its progress <i>Michael Monaghan-Associate Professor Biomedical Engineering, Trinity College Dublin</i>
10:35-11:00	4 DCs' Presentation	Automated Machine Learning Pipeline to classify cell behaviour and phenotype based on endogenous and exogenous biosensor probes readouts, <i>Guancheng Wang-Trinity College Dublin</i>
		Coordinated measurement of FLIM photonics with electrophysiological measurements and stimulation, <i>Sara Corbezzolo-Trinity College Dublin</i>
		FLIM-assisted analysis of the intestinal organoid metabolism, <i>Hong Zhou- Ghent University</i>
		Sensing and manipulating hypoxia with innovative biosensing and tissue engineering tools, <i>Gabriele Ferrari-Ghent University</i>
11:00-11:20	Break	
11:20-12:30	DCs' Presentations	Development of Isotropic lightsheet fluorescence lifetime imaging for 3D super-resolution, <i>Annalisa Rovinelli-Trinity College Dublin</i>
		Rapid development of FRET sensors optimised for FLIM readouts of mechanobiological sensing and cellular response in imaging cancer, <i>Michele Cervellera-Ghent University</i>
		Hypoxia versus tissue stiffness in blood vessel disease, <i>Teresa Baldissera-University of Tübingen</i>
		Computational prediction of the metabolic microenvironment in cancer models developed in vitro and ex ovo, <i>Srijan Chakraborty-Polytechnic University of Milan</i>
		Mapping the O ₂ microenvironment, photosynthesis and respiratory activity in biofilms and 3D bioprinted constructs, <i>Rishi Harkhoe- University of Copenhagen</i>
		Pooled FLIM screening to efficiently elucidate cell signalling, <i>Giulio Zanetti-Netherlands Cancer Institute</i>
		Imaging mechanobiological sensing and cellular response in cancer, <i>Gökem Sabriye Ulkür-Kings College London</i>
Development of Isotropic lightsheet fluorescence lifetime imaging for 3D super-resolution, <i>Dinesh Beniwal-Kings College London</i>		
12:30-14:00	Lunch	
14:00-15:15	Restricted DCs'	Discussion Researchers & REA representative about their experiences within the network in terms of training foreseen, supervision arrangements, progress and impact on their future careers <i>FIIMAGIN3D DCs & Isabelle Aries-REA Project Officer</i>
15:15-15:30	Restricted Session	Meeting between the Coordinator and Project Officer to discuss any issue <i>Isabelle Aries-REA Project Officer & Michael Monaghan-Associate Professor Biomedical Engineering, Trinity College Dublin</i>
	Break	
15:30-15:50	Feedback Open Discussion	Feedback from the REA Project Officer on the output of the network <i>Isabelle Aries-REA Project Officer</i>
15:50-16:50	Guest Workshop (Communication)	TBC

19:00	Dinner
-------	--------

TIME	TUESDAY	DESCRIPTION
09:00-09:50	Induction Training "Postgraduate Essentials" and "State of the art: FLIM"	"Probing live cell metabolism and oxygenation in organoids using FLIM (and PLIM)" <i>Ruslan Dmitriev-Assistant Professor Tissue engineering and Biomaterials Lab, Ghent University</i>
09:50-10:40	Laser Safety Course	Introduction to the safe use of laser and its course <i>Christopher Smith-M.Inst.P.Senior Experimental Officer, Trinity College Dublin</i>
10:40-11:10	Break	
11:10-12:00	Project Management	Introduction to how to manage a Project from all its lifecycle <i>David O'Connell-Assistant Professor, Trinity College Dublin</i>
12:00-12:50	Personal Career Development Planning and Career Coaching Workshop	To prepare DCs for their next step in their career, whether inside or outside academia, a set of workshops will be offered to maximise their professional skills <i>Mariele Kelly-Careers Consultant, Trinity College Dublin</i>
12:50-14:00	Lunch	
14:00-14:50	Ethics	Instructed on the requirements for developing proper behaviour in conducting scientific research <i>David Taylor-Professor Emeritus Department of Mechanical, Manufacturing & Biomedical Engineering, Trinity College Dublin</i>
14:50-16:00	1:1 Mentoring for Supporting Female DCs with Coffee	Workshop & Interactive about gender equality in the Biomedical field <i>Gillian Wyle-Associate Professor, International Peace Studies, Trinity College Dublin</i>
16:00-17:00	Interdisciplinary Research	Introduction to concepts and challenges of interdisciplinary research <i>Daireann Wallace-Trinity Research & Innovation Administration, Trinity College Dublin</i>