

Please register for this event here:

<https://bi-omics2019soton.eventbrite.co.uk>



Southampton Bi-Omics Conference

Wednesday 22nd May 2019

Heartbeat Suite, University Hospital Southampton

1245-1300	Registration & coffee	
1300-1305	Welcome	Sarah Ennis - FoM
1305-1400	<p style="text-align: center;">Dr Dennis Wang Lecturer in Bioinformatics and Genomic Medicine (University of Sheffield) Addressing the Combinatorial Nightmare: Getting Answers on Large-Scale Multi-Omics Data Integration and Analysis</p>	
1400-1500	<i>🧬 Snapshots of local NGS Applications 🧬</i>	
	Cold urticaria: from gene to treatment	Reuben Pengelly (Human Development & Health, UoS)
	Counting transcripts from multi-mapped sequence alignments	Rosanna Smith (Human Development & Health, UoS)
	Shotgun and 16S sequencing to functionally define microbial colonies	Alison Baylay (National Oceanography Centre, UoS)
	Microfluidic analysis of fibroblast phenotypes'	Sara Waise (Cancer Sciences, UoS)
	Clonal phylogeny in poor-risk CLL	Matthew Rose-Zerilli (Cancer Sciences, UoS)
	Sequencing maritime history - The crew of the Mary Rose	Sam Robson (Pharmacy & Biomedical Sciences, University of Portsmouth)
	Competition pitches & Award	Finalists
1500-1545	Tea & Exhibition Stands	
1545-1600	Machine Learning of Stem Cell Identities from single-cell expression data via Regulatory Network Archetypes	Patrick Stumpf (Human Development & Health, UoS)
1600-1615	Genomic Programming of human skin immunoregulation	Marta Polak (Clinical & Experimental Sciences, UoS)
1615-1630	PURA syndrome: Omics applications to identify and characterise a new neurodevelopmental disorder	Diana Baralle (Human Development & Health, UoS)
1630-1645	Metagenomic nanopore sequencing of the Nigeria 2018 Lassa fever outbreak	Steve Pullan (Public Health England)
1645-1700	Symposium Close	

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Organised by Sarah Ennis and Javier García