





8th Next Generation Sequencing Symposium

Wednesday 23rd May 2018

Heartbeat Suite, University Hospital Southampton

1245-1300	Registration & coffee	
1300-1305	Welcome	Sarah Ennis - FoM
1305-1400	Dr Richard Scott Clinical Lead for Rare Disease - 100,000 Genomes Project - Genomics England (Queen Mary University London) Lessons from the 100,000 Genomes Project Rare Disease Programme	
1400-1415	Viral Metagenomics	Dr Kuiama Lewandowski (Public Health England)
1415-1430	Winners and losers in a changing Arctic Ocean	Mike Carter-Gates (National Oceanography Centre, UoS)
1430-1445	From ITU to Uni via the Exome	Nicola Foulds (Wessex Clinical Genetics Service)
1445-1530	Afternoon Tea & Exhibition Stands	
1530-1630	 <i>Snapshots of local NGS Applications</i> 	
	Worm microbiomes: How can guts affect microbial communities in sediment?	Harriet Dale (National Oceanography Centre)
	Exploring the interactions of miRNA and mRNA in HIV latency	Ashley Heinson (Clinical & Experimental Sciences)
	GenePy – a tool for estimating gene pathogenicity in individuals using NGS data	Enrico Mossotto (Human Development & Health)
	Diagnostic challenges for rare disease patients: An interesting case of Kabuki syndrome	Reza J. Forooshani (Human Development & Health)
	Iron rich desert dust: Transcriptomics of marine cyanobacteria	Despo Polyviou (National Oceanography Centre)
	Looking for lemmings but finding worms - metabarcoding studies in the Norwegian tundra	Mary Edwards (Geography & Environment)
	Competition pitches	Finalists
1630-1645	Competition Winner & Symposium Close	

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Organised by Sarah Ennis, Javier García-Frutos, Katrina Jones