

[illegible]

Parallel Session B - LT2			
Start (GMT)	Finish (GMT)	Presenter	Presentation Details
09:30	11:05	Evolutionary Genomics I	
09:30	09:55	Peter WH Holland (University of Oxford)	Chair: Jordi Paps Montserrat (University of Bristol) Darwin Tree of Life project: Evolutionary applications
09:55	10:10	Filipe Castro (CIIMAR/FCUP)	A Domino Effect? Of loss, duplication and novelty in a transition to the sea
10:10	10:35	Marta Farré-Belmonte (Kent)	The role of 3D chromosome folding in mammalian genome evolution
10:25	10:40	Tom Jenkins (Exeter)	Plastic versus adaptive responses to climate in barbastelle bats
10:40	11:00	Gold Sponsor Talk	Element Biosciences
11:00	11:30	Coffee Break	
11:30	13:00	Microbes and Microbiomes I	
11:30	11:55	Alexandre Almeida (University of Cambridge)	Chair: Kate Baker, University of Cambridge Meta-analysis of the uncultured gut microbiome reveals a novel keystone biomarker of health
11:55	12:20	Lauren Cowley (University of Bath)	Using phylogeographical signal of Salmonella enterica serovar Enteritidis to train a hierarchical machine learning model to rapidly predict source attribution
12:20	12:35	Winnie Lee (Imperial College London)	Genomic population study of bloodstream Klebsiella spp. in 2020 in Southwest, UK
12:35	12:50	Eleanor Hayles (Quadram Institute, Norwich)	Genomic Epidemiology of SARS-CoV-2 in Norfolk, UK, March 2020- December 2022
12:50	13:00	Silver Sponsor Talk	Oxford Nanopore
13:00	14:00	Lunch and Poster Session II	
14:00	15:35	Microbes and Microbiomes II	
14:00	14:25	Alan Walker (University of Aberdeen)	Chair: Nick Loman, University of Birmingham Questioning the foetal microbiome illustrates pitfalls of low-biomass microbial studies
14:25	14:50	Edward Cunningham-Oakes (University of Liverpool)	Metatranscriptomics improves the laboratory diagnosis of infectious intestinal disease from human
14:50	15:05	Alice Nisbett (Quadram Institute, Norwich)	The genomic switcheroo: characterising genome rearrangements within typhoidal infections
15:05	15:20	Kirsty Sands (University of Oxford)	Providence in the fly microbiome acting as a reservoir of blaNDM carriage: A threat in the dissemination of antimicrobial resistance and infection?
15:20	15:35	Steven Rudder (Quadram Institute, Norwich)	Genomic diversity of non-typhoidal Salmonella found within patients suffering from gastroenteritis in Norfolk, UK
15:35	16:00	Coffee Break	
16:00	17:35	Evolutionary Genomics II	
16:00	16:25	Sandra Álvarez Carretero (University College London)	Chair: Sion Bayliss, University of Bristol Bayesian methods to infer evolutionary timelines when deep divergences are present and large genomic datasets used
16:25	16:50	Jialin Wei (Bristol)	Convergent Genome Evolution In The Conquest Of Land By Animals
16:50	17:05	Chris Clarkson (QMUL/UCL)	Characterising structural variation in known pathogenic STRs across genetic ancestries, germ-line instability events and diseased cohorts
17:05	17:20	Sarah Quigley (Kent)	Investigating mechanisms of genomic rearrangement in the human genome
Conference Dinner - Bristol Harbour Hotel, The Sanisovo Room, Weds 17th [TICKETED]			
Start (GMT)	Finish (GMT)	Event	
18:30	19:30	Arrival Drinks	
19:30	00:00	Banqueting Menu Dinner	
Thursday 18th July 2024 - LT1 (Morning)			
Start (GMT)	Finish (GMT)	Presenter	Presentation Details
08:30	09:30	Coffee and Pastries	
09:30	11:05	Single Cell Genomics	
09:30	09:55	Jimmy Lee (Wellcome Trust, Sanger)	Chair: Lia Chappell, University of Cambridge Shared molecular vulnerabilities of human cortical neurons in C9ORF72 Amyotrophic Lateral Sclerosis
09:55	10:20	Rebecca Berrens (University of Oxford)	Study transposable elements at single molecule level in single cells to understand their role in gene regulation.
10:20	10:35	Christos Proukakis (UCL)	The somatic CNV landscape of the Parkinson's disease brain at single cell resolution
10:35	10:50	Simon Cockell (Newcastle University)	Geographically weighted methods for spatial transcriptomics data analysis
10:50	11:00	Silver Sponsor Talk	Parse Biosciences: Smash the Limits of Single Cell Sequencing with Parse Biosciences
11:00	11:30	Coffee Break	
11:30	12:30	Keynotes	
11:30	12:00	Deborah Williamson (UK Health Security Agency)	Chair: Michael Quail, Wellcome Sanger Institute TBD
12:00	12:30	Matt Brown (Genomics England)	Improving Diagnostic Rates for Rare Diseases – the Genomics England program
12:30	THE END	Lunch and leaving	