

EGGS - 19th March 2019
Programme

9:25	Welcome	Biffen Lecture Theatre
9:30	<i>Invited:</i> Prof. Anne Stone Arizona State University	The evolutionary history of <i>M. tuberculosis</i> : insights from ancient DNA
10:10	Ruoyun Hui University of Cambridge	The structure of archaic admixture revealed by modern human genomes
10:25	Josie Bryant University of Cambridge	Convergent evolution of a cystic fibrosis pathogen within and between patients
10:40	Emília Santos University of Cambridge	Variation of colour patterning within and between species of cichlid fishes
10:55	Tea, Coffee	Genetics Part II & Tea Rooms
11:25	Alexandros Bousios University of Sussex	The epigenetic and evolutionary impact of gene capture by TEs on donor genes in maize
11:40	Roman Kellenberger University of Cambridge	Emergence of a floral colour polymorphism by pollinator-mediated overdominance
11:55	Kelsey Byers University of Cambridge	Wing pheromones in <i>Heliconius</i> butterflies: physiology, behavior, and genetics
12:10	Venera Tyukmaeva University of Jyväskylä	A wide pleiotropic effect of melanin pathway genes on behavior and life-history traits in <i>Drosophila montana</i>
12:25	Lunch & Photo	Emmanuel College Old Library
14:00	<i>Invited:</i> Prof. Charles Swanton, FRCP, FMedSci, FRS The Francis Crick Institute	Cancer Evolution and Immune Escape: TRACERx
14:40	Heather Machado Wellcome Sanger Institute	Single-cell profiling of lymphocyte somatic mutations reveals divergence from stem cells, variation in mutation burden, and strong microenvironmental effects
14:55	Gabriela Montejo-Kovacevich University of Cambridge	Altitude shapes local adaptation in <i>Heliconius</i> butterflies
15:10	Alejandra Bruna Cancer Research UK Cambridge	Develop and validating a predictive platform of evolutionary trajectories and drug responses
15:25	Tea, Coffee	Genetics Part II & Tea Rooms
15:55	Jamie Blundell University of Cambridge	Defining the evolutionary dynamics of clonal haematopoiesis
16:10	Luiza Moore Wellcome Sanger Institute	The mutational landscape of normal human endometrial epithelium
16:25	Marijke Autenrieth Potsdam Univeristy	Improved population resolution in Baltic harbour porpoise (<i>Phocoena phocoena</i>) based on a new high quality genome assembly
16:40	<i>Invited:</i> Prof. Beverley Glover University of Cambridge	Flower evo-devo and the link to speciation
17:30	Drinks Reception	Genetics Tea Room
19:00	Dinner	Riverside Restaurant, University Centre