



Sunday 21 July	
17:00 - 17:45	Welcome Reception
18:00 - 19:00	Plenary Lecture - Chris Jiggins

Monday 22 July					
	Exchange Hall	Exchange Auditorium	Exchange 8-10	Exchange 11	Charter 4
09:00 - 10:00	Plenary Lecture - Eddie Holmes				
10:00 - 10:30	Coffee Break				
10:30 - 12:30		The Molecular Basis of Major Transitions in Evolution	Resistance Evolution in Real-Time	The Evolution of Senescence: From Theory to Molecular Data	Mitochondrial-Nuclear Interactions
12:30 - 13:30	Lunch Break				
12:30 - 13:15					EBI Session - Ensembl Gene Annotation
13:30 - 15:30		Using Ancient DNA to Study Natural Selection: New Models and New Data	The Causes of Parallel Molecular Evolution	The Molecular Evolution of Cancer	Genomic Perspectives on Plant and Animal Domestication
15:30 - 16:00	Coffee Break				
16:00 - 18:00		Barriers and Drivers of Evolutionary Innovation by Horizontal Gene Transfer	Open Symposium	The Genetic Architecture of Polygenic Adaptation: Sweeps, Small Shifts and Everything in Between	Evolutionary Processes and Consequences of Animal and Plant Domestication
18:00 - 20:00	Poster Session				

Tuesday 23 July					
	Exchange Auditorium	Charter 1	Charter 2&3	Charter 4	Exchange Hall
09:00 - 10:00	Plenary Lecture - Hanna Johannesson				
10:00 - 12:00	Walter Fitch Symposium				
12:00 - 13:30	Lunch Break				
12:00 - 13:30			SMBE Business Meeting	EBI Session - Ensembl Comparative Genomics	
13:30 - 15:30	Evolution of Phenotypes: Understanding Diversity and the Role of Plasticity in Adaptation to New Environments	Phylogenomics under the Multispecies Coalescent	MBE/GBE Editors	The Ecological Genomics of Extremophile Eukaryotes	
15:30 - 16:00	Coffee Break				
16:00 - 18:00	Evolution of Phenotypes: understanding diversity and the role of plasticity in adaptation to new environmnets	The Coalescent in the Era of Population-Scale Genomics	MBE/GBE Editors	MEGE: Microbial Eukaryotic Genomic Evolution	
18:00 - 20:00					Poster Session

PROGRAMME AT A GLANCE



Wednesday 24 July				
	Exchange Auditorium	Charter 1	Charter 2&3	Charter 4
09:30 - 11:30	Genome-wide methods for detecting selection	Microbial Evolution in Complex Environments	Understanding the Genomics of Climate Change Response	Open Symposium
11:30 - 12:30	Lunch Break			
11:30 - 12:30				Outreach Workshop
12:30 - 14:30	Evolution of proteins and molecular pathways/networks under higher level selective effects	The application of evolutionary approaches to the study of microbial communities and microbiomes	Contemporary Evolution	Open Symposium
14:30 - 15:00	Coffee Break			
15:00 - 17:00	Biochemistry, epistasis and the evolutionary process	Evolutionary Insights from Metagenomics	Genetic conflicts in molecular evolution	Inside Africa: Uncovering patterns of human genetic diversity
18:45 - 00:00	Conference Dinner - Manchester Cathedral			

Thursday 25 July					
	Exchange Auditorium	Charter 1	Charter 2&3	Charter 4	Exchange 11
08:30 - 10:30	Novel insights into evolutionary genetics from emerging technologies	Repeats and mobile elements as drivers of innovations in protein coding genes	Evolutionary Ecology and Host-Virus Dynamics in the Microbiome	Open Symposium	From the Rings of Life to the New Animal Phylogeny: James A. Lake's Contributions to Evolutionary Biology
10:30 - 11:00	Coffee Break				
11:00 - 13:00	Origins, evolution and function of novel genes	Open Symposium	Insights from fitness landscapes into evolutionary pathways	Open Symposium	
13:00 - 14:00	Lunch Break				
13:00 - 14:00				Outreach Workshop	
14:00 - 16:00	Mutation Rate Evolution	Evolutionary genetics and genomics of metabolic networks	Molecular basis of neural circuit and behavioral evolution	Open Symposium	
16:00 - 17:00	Masatoshi Nei Lecture - Aoife McLysaght				
17:00 - 17:30	Awards Ceremony and Introduction to SMBE 2020				