

Proposed Talk: One genome, one thousand journeys

Dr Simon Martin is a research fellow at the University of Edinburgh's Institute of Evolutionary Biology. During his PhD (2011-2014) and subsequent research fellowship (2014-2018) at the University of Cambridge, he studied speciation, hybridisation and the factors influencing genetic diversity in the tropical *Heliconius* butterflies using genomic analyses. In 2019, Dr Martin started a Royal Society University Research Fellowship at the University of Edinburgh. Current research topics in his group include the evolution of supergenes in *Danaus* butterflies, and the causes and consequences of chromosomal fusions and fissions. In addition to his empirical research, Dr Martin has developed bioinformatic tools to investigate evolutionary relationships and identify signatures of introgression using genomic data. Although his research has largely focused on butterflies, he has collaborated on genomic studies of *Arabidopsis*, fire ants, chickens and endangered larks. He is passionate about devising creative solutions for extracting and visualising the extensive historical information carried in genome sequences.