

1st UK MOBILE GENETIC ELEMENTS WORKSHOP

21st-22nd SEPTEMBER, BIRMINGHAM

PROGRAM

Thursday, 21st SEPTEMBER 2023

14:00-14:10 Welcome

14:10-14:40 David Grainger (The University of Birmingham) Control of transposition by chromosome architecture in *Acinetobacter baumannii*

14:40-15:10 José Penades (Imperial College London) Redefining mobility in bacterial genetics

15:10-15:40 Eleanor A Harrison (The University of Sheffield) exploring the impact of temperate phages on the rhizobia-legume symbiosis

15:40-16:10 Coffee break

16:10-16:40 Edze Westra (University of Exeter) Evolution and ecology of CRISPR-MGE interactions

16:40-17:10 Alison Mather (Quadram Institute, Norwich) Plasmid mobility (or not) in *Salmonella* across host species and serovars

17:10-17:40 Joanne Santini (University College London) A new family of phages in the GI tract

19:00 Dinner

Friday, 22nd SEPTEMBER 2023

9:00-9:30 Craig Mclean (University of Oxford) Evolutionary mechanisms stabilizing mobile colistin resistance

9:30-10:00 Emma Banks (Tung Le lab, John Innes Centre, Norwich) Illuminating the Lifecycle of a *Caulobacter crescentus* Gene Transfer Agent

10:00-10:30 Franklin Nobrega (University of Southampton) Studying microbial immunity to understand disease

10:30-11:00 Coffee break

11:00-11:30 Giusy Mariano (University of Surrey) In(ph)inity wars: Uncovering new players in the bacterial warfare against phages

11:30-12:00 Michael Brockhurst (The University of Manchester) Dynamics and impacts of HGT in communities

12:00 Closing remarks