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OHGE Community Meeting – Tuesday 16^h June 2026

Lecture Theatre 4, Appleton Tower, George Square, Edinburgh

Programme

Welcome and Introduction

09:00 Professor Rob Ogden (RDSVS)

Session 1 - Chair: Professor Rob Ogden

09:10 Keynote Presentation: Professor Mirte Bosse (Wageningen University) – *“Reflecting On Homozygosity (ROH), from inbreeding to adaptation”*

09:40 Dr Rowan Schley (University of Exeter) - *“Hybridisation and Herbivory Help Fuel Tropical Tree Radiations”*

10:00 Chumeng Zhu (Roslin) - *“Predicting the function of cattle ancestral variants using deep learning”*

10:20 Professor Dan MacQueen (Roslin) - *“Unlocking the potential of genome duplication during evolution (through rediploidisation)”*

10:40 – 11:10 Break and posters

Session 2 – Chair: Professor Catherine Kidner

11:10 Keynote Presentation: Professor Pete Hollingsworth (RGBE) – *Title TBC*

11:40 Dr Emily Humble (RDSVS) - *“Genomics for manta and devil ray conservation”*

12:00 Dr Alex Martin-Geary (IGC) - *“Uncovering missed diagnoses in the National Genomics Research Library: identifying candidate variants in regulatory elements”*

EMS300 Special Lecture – Introduced by Professor Lorna Marson (EMS300)

12:20 Professor Wendy Bickmore (IGC) - *“Mutations and disease: From mustard gas to genome sequencing”*

12:50 – 13:50 Lunch

Session 3 – Chair: Professor Mark Stevens

13:50 Professor Laura Ross (IEE) – *“Beyond the Reference Genome: Germline-only DNA, an independently evolving genome compartment”*

14:10 Professor Ross Fitzgerald (Roslin) - *"Pan-genome dynamics of the bacterial pathogen Staphylococcus aureus"*

14:30 Dr Kyle Ewart (RDSVS) – *"Adaptable workflows for wildlife diagnostics"*

14:50 Dr Hannah Long (IGC) - *"Neanderthal-derived variants in a human disease enhancer alter regulatory activity during jaw development"*

15:10 – 15:55 Break and posters

Session 4 – Chair: Professor Martin Taylor

15:55 Keynote Presentation: Professor Didier Trono (EPFL) – *Title TBC*

16:25 Dr Alex Ball (RZSS) - *"RZSS WildGenes – using genomics in conservation"*

16:45 Professor Giovanni Stracquadanio (IQB3) – *"Building and Brewing: Adventures in Yeast Synthetic Genomics and Pharmaceutical Manufacturing"*

Closing remarks

17:05 Professor Tim Aitman (IGC)

17:15 Drinks reception

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