Edinburgh Next Generation of Genomics Symposium
Wednesday 11th November 2026

Playfair Library, Old College

Programme

09:45 **Daniel Toddie-Moore** (IGC/OHGE) – Introduction and Welcome

09:50 Keynote Speaker – **Alex Martin-Geary** (IGC) - A splice of life - navigating a non-canonical career path

10:20 Session 1 (*Chairs – Fraser Collins and Tana Louise Holmes)*

Ulduz Sobhiafshar (Roslin Institute) - A single-nucleus atlas of Atlantic salmon skeletal muscle maps myogenic cell states and post-duplication divergence

Robert Mason (IMPS) - Exploring novel approaches to map cell-type specific gene expression in mutants unsuited for single cell RNA-seq

Soumya Sharma (Roslin Institute) - Transcriptomic profiling of bovine NK cells using single-cell RNA sequencing

11:10 Flash Talks
Benjamin Fletcher (Usher), Anshika Bhatla (IMPS), Anooraag Basu (Roslin), Sara Clohisey Hendry (Roslin), Magdalena Drafi-McHugh (EIDF)

11:20 Coffee/tea break

11:50 Session 2 *(Chairs – Natasha Arzoo and Rashi Krishna)*

Oscar Jackson (IGC) - Experimental modelling and multi-omic analysis of responses to targeted therapy in BRAF-mutant melanoma

Tijana Mitic (INCR) - From Vascular Genomics to lncRNA Function in Aortic Aneurysm

12:25 Flash Talks
Andrew Hanton (Roslin), Simon Timmins (IGC), Natalie Ring (Roslin), Chang-Ti Tang (IEE), Ismail Ozkaraca (Roslin), Maarten van der Anker (IGC), Haolan Tu (INCR)

12:40 Lunch and Posters

13:40 Panel Discussion - **Translating Your PhD: Diverse Career Pathways for Researchers** (*Chair – Amy Findlay*)

- **Daniel Dodd** (R&D Scientist, Ask Bio)
- **Fiona Haward** (Chief Scientific Officer, Ascent RNA)
- **Heather Love** (Project Manager: Patient and Public Pathways, EuroGCT)
- **Lindsay Henderson** (Coordinator of Roslin Engineering Biology Hub)

14:40 Session 3 *(Chairs – Tana Louise Holmes & Rashi Krishna)*

Krisztian Nemeth (UK Centre for Ecology and Hydrology) - Population Genomics of East African Pencil Cedar (Juniperus procera) Across Kenya: Implications for Conservation and Restoration of a Productive Woody Species

Kitty Sherwood (IGC) - Structural complexity drives the evolution of malignant pleural mesothelioma

Rhod Evans (Roslin Institute) - Ponytails Project: Rapid Metagenomic Sequencing of Equine Infections

15:30 Coffee/tea break

16:00 Session 4 *(Chairs – Natasha Arzoo & Fraser Collins)*

Martina Schito (IRR) - C19ORF84 connects CAMK2G to piRNA-directed DNA methylation in the male germline

Drew Larson (Roslin Institute) - The return to disomic inheritance occurred highly asynchronously in salmonids following their most recent whole genome duplication

James Hayes (IGC) - The time dependence of persistent DNA damage-induced mutagenesis

16:50 Prize voting

16:55 Keynote speaker – **Andrew Free** (Institute of Quantitative Biology, Biochemistry and Biotechnology) - Exploring and Exploiting Small Worlds Through Microbial (Meta)Genomics

17:25 **Tim Aitman** (IGC) - Closing Remarks and prize presentation

17:40 Drinks reception

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