

Agenda

Start (GMT)	Finish (GMT)	Presenter details
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Monday 28 November 2022

12:00 13:00 Registration, lunch and networking

12:30 12:45 Briefing for Committee, Speakers and Keynote for day 1

13:00 13:15 Welcome

Scientific Programme Committee:

Sara Brown, University of Edinburgh, UK

David Kelsell, Queen Mary University of London, UK

Edel O'Toole, Queen Mary University of London, UK

Neil Rajan, Newcastle University, UK

13:15 14:15 Student Introductions

14:15 14:45 Quiz

14:45 15:00 Networking / Refreshment Break

15:00 16:25 Session 1: Epigenetics

15:00 15:05 Introduction to the session

Chair: Sara Brown, University of Edinburgh, UK

15:05 15:45 Epigenetic mechanisms of transcriptional regulation

Miguel Branco, Queen Mary University of London, UK

15:45 16:25 Genetic effects on DNA methylation enables insights into the human genotype-phenotype map

Josine Min, University of Bristol, UK

16:45 17:05 Networking / Refreshment Break

17:05 18:10 Keynote Speaker

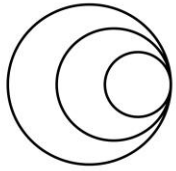
17:05 17:10 Introduction

Chair: Edel O'Toole, Queen Mary University of London, UK

17:10 18:10 Genomics in translation: skin diseases as a case study

Eli Sprecher, Tel Aviv Sourasky Medical Center, Israel

18:10 18:55 Networking / Drinks Reception



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Genomics for Dermatology

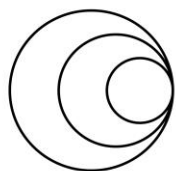
28-30 November 2022

18:55

Dinner

18:55

Bar Open (card payments only)



Tuesday 29 November 2022

08:45 09:00 Briefing for Committee & Speakers for day 2 (AM)

09:00 10:10 Session 2: Diversity in Genetics and Genomics

09:00 09:05 Introduction to the session
Chair: Neil Rajan, Newcastle University, UK

09:05 10:05 Talk title TBC
John Wright, Bradford Institute for Health Research- VIRTUAL

10:05 10:15 Break

10:15 12:05 Session 3: Developmental biology and cancer

10:15 10:20 Introduction to the session
Chair: Edel O'Toole, Queen Mary University of London, UK

10:20 11:20 Deciphering epithelial development and repair using live-imaging and genetics in model organisms
Helen Weavers, University of Bristol, UK

11:20 12:05 The Genomic Atlas of Dermatopathology
David Adams, Wellcome Sanger Institute, UK

12:05 13:05 Lunch

13:05 15:10 Session 4: Cellular and mechanisms of skin disease (1)

13:05 13:10 Introduction to the session
Chair: David Kelsell, Queen Mary University of London, UK

13:10 14:10 Transcriptomics analysis of inflammatory skin diseases and how to use it to identify new inflammatory pathways
Jeremy Di Domizio, University Hospital Lausanne, Switzerland

14:10 14:50 The utility of spatial transcriptomics for exploring disease mechanisms in palmoplantar keratoderma
Diana Blaydon, Queen Mary University of London, UK

14:50 15:10 Networking / refreshments

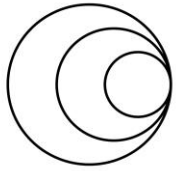
15:00 15:10 Briefing for Committee & Speakers for day 2 (PM)

15:10 Session 5: Cellular and mechanisms of skin disease (2)

15:10 15:15 Introduction to the session
Chair: Sara Brown, University of Edinburgh, UK

15:15 16:15 Fibroblast heterogeneity in skin homeostasis and disease
Emanuel Rognoni, Queen Mary University of London, UK

16:15 17:15 Investigating gene regulatory networks in skin disease



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Genomics for Dermatology

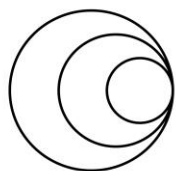
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Marta Polak, University of Southampton, UK

17:15 18:00 Networking / Drinks Reception

18:00 Dinner

18:00 Bar Open (card payments only)



Wednesday 30 November 2022

09:00 09:15 Briefing for Committee & Speakers for day 3

09:30 Session 6: Therapeutic strategies in monogenic skin disease

09:30 09:35 Introduction to the session
Chair: Neil Rajan, Newcastle University, UK

09:35 10:15 Pachyonychia congenita - mechanisms and new therapies
Edel O'Toole, Queen Mary University of London, UK

10:15 10:55 The future of gene editing in Epidermolysis Bullosa
Joanna Jackow, Kings College London, UK

10:55 11:35 Dysregulation of adhesion and communication in the keratodermas: common disease pathways ?
David Kelsell, Queen Mary University of London, UK

11:35 12:05 Networking / Refreshment Break

12:05 12:35 Consolidation of Learning and closing remarks

12:05 12:35 **Scientific Programme Committee:**
Sara Brown, University of Edinburgh, UK
David Kelsell, Queen Mary University of London, UK
Edel O'Toole, Queen Mary University of London, UK
Neil Rajan, Newcastle University, UK

12:35 12:45 Grab bag lunch

12:45 Coach departs for Cambridge train station and city centre