

Scottish Cell Biology Meeting 2026 Programme

09:00-09:30 - Arrival, Registration & Coffee

09:30-09:40 - Welcome from Organisers

Welcome to Glasgow from Professor Gerry Graham

Professor Stephen Tait to Introduce Professor Helen Walden (Keynote Speaker)

09:40-10:10 - Keynote Lecture

Professor Helen Walden, University of Glasgow

Regulation of DNA repair by monoubiquitin signals

10:10-10:55 - Session 1

10:10-10:25 Keqin Li, University of Glasgow

Live-imaging tumour cell death uncovers a pro-tumourigenic role of apoptosis

10:25-10:40 Farzaneh Seyedshahi, Cancer Research UK Scotland Institute

MUL-T: Decoding Spatial Cellular Architecture in Multiplexed Tissue Images

10:40-10:55 Luis Pardo, University of Glasgow

The synthesis and trafficking of extracellular matrix proteins through the secretory pathway is regulated by subcellular localisation of mRNA translation mediated by the Ccr4-not complex

10:55-11:10 – Poster Session 1 Flash Talks

Facility Talk: Alison Roberts, The James Hutton Institute

Live super-resolution STED imaging in plants

Taryn Wilson, University of Strathclyde

Sex- and Cell-Type-Specific Mitochondrial Responses to NFE2L2 Inhibition and Oestrogen in Human Cardiac Cells Under Hypoxia

Mark Kelly, University of St Andrew's

Dysregulation of the de novo synthesis of phosphatidylethanolamine in β -catenin-driven Hepatocellular Carcinoma

Rosie Gallagher, University of Dundee

A High-throughput analysis of Hes-7 dynamics in hiPSC-derived Somitoids

11:10-12:00 - Coffee break and Poster Session 1

12:00-12:45 - Session 2

12:00-12:15 James Gray, University of Dundee
Understanding RNA-TDP43 interactions in ALS

12:15-12:30 Dan Sarni, University of Edinburgh
A progeria syndrome links DNA hypermethylation to age-related pathology

12:30-12:45 Vincenzo Ruscica, University of Glasgow
XRN1 supplies free nucleotides to feed alphavirus replication

12:45-13:00 – Poster Session 2 Flash Talks

Matthew Walker, University of Glasgow

Developing a model of breast cancer dormancy in the bone marrow

Chiara Cazzaniga, University of Dundee

UBE2Q1 cooperates with ZER1/ZYG11B in CUL2-dependent N-terminal degron targeting of JAK2

Rhea Couper, University of Strathclyde

Investigating Glucose Metabolism & Lipolysis in Cultured 3T3-L1 Adipocytes Using SRS & Zinc-alpha2-glycoprotein (ZAG)

13:00-14:00 - Buffet Lunch and Poster Session 2

14:00-14:45 - Session 3

14:00-14:15 Kirsty Weighill, University of Strathclyde

Investigating the response of patient derived glioblastoma cells to mechanical stimulation induced by nanovibration

14:15-14:30 Savvas Iannou, University of Glasgow

Remodelling the bone marrow niche: A 2.5D in vitro platform for discovery

14:30-14:45 Carsten Schulte, University of Strathclyde

A mechanobiological perspective on primary brain cancers

14:45-15:00 – Poster Session 3 Flash Talks

Jaijeet Singh, University of Dundee

LRRK2-Mediated Rab8A Phosphorylation Drives TBC1D2 Recruitment

Nelson Ankamah, University of Glasgow

Investigating ISGylation in Radiotherapy Resistant Colorectal Cancers

Flavia Constantinescu, University of Edinburgh

Selective interaction of SMCHD1 with chromatin is governed by LRIF1 and SMCHD1 ATPase activity

Nerea Caro, University of Strathclyde

Mechanically Defined Microenvironments Regulate Neurovascular Organisation in Blood-Brain Barrier Organoids

15:00-16:00 - Coffee Break and Poster Session 3

16:00-16:45 - Session 4

16:00-16:15 Nikolai Gajic, University of Glasgow

OxPhos-DLBCL Exploit Thioredoxin-Mediated Cystine Reduction to Promote CSF Survival
and Secondary CNS Relapse

16:15-16:30 Emilie Hollville, University of Aberdeen

Control of neuronal arborization and dopaminergic signalling by the ubiquitin ligase CUL9, a
schizophrenia risk factor

16:30-16:45 Sara Gohar, Cancer Research UK Scotland Institute

Mitochondrial nucleotide salvage in hepatocellular carcinoma (HCC)

16:45-17:00 - Concluding Remarks & Prize Giving

Nikki Paul (Cancer Research UK Scotland Institute) – Scottish Microscopy Society

Concluding Remarks from Professor Stephen Tait

Prizes

17:00 Onwards - Social Event at Dram