| MONDAY 8th JUNE 2026- SATELLITE MEETINGS | | | | |
|---|---|---|---|---|
| 08:00 | Registration in the Concert Hall | | | |
| 09:00 – 10:30 | Fish Satellite Kelvin Gallery (413) | Arthropod Satellite Humanities Lecture Theatre (255) | Amphioxus Satellite Lecture Theatre (466) | Platynereis and other annelids Satellite East Quad Lecture Theatre (226) |
| 10:30 – 11:00 | Coffee Break, Kelvin Gallery | | | |
| 11:00 – 12:30 | Fish Satellite Kelvin Gallery (413) | Arthropod Satellite Humanities Lecture Theatre (255) | Amphioxus Satellite Lecture Theatre (466) | Platynereis and other annelids Satellite East Quad Lecture Theatre (226) |
| 12:30 – 13:30 | Packed Lunch, Kelvin Gallery | | | |
| 13:30 – 15:30 (maximum) | Fish Satellite Kelvin Gallery (413) | Arthropod Satellite Humanities Lecture Theatre (255) | Amphioxus Satellite Lecture Theatre (466) | Platynereis and other annelids Satellite East Quad Lecture Theatre (226) |
| 15:30 – 16:00 | Coffee Break, Kelvin Gallery | | | |
| 16:00 onwards | Fish Satellite Kelvin Gallery (413) | Arthropod Satellite Humanities Lecture Theatre (255) | Amphioxus Satellite Lecture Theatre (466) | Platynereis and other annelids Satellite East Quad Lecture Theatre (226) |

| TUESDAY 9TH JUNE 2026- SATELLITE MEETINGS AND START OF MAIN MEETING | | | | |
|---|---|---|---|---|
| 08:00 | Registration in the Concert Hall | | | |
| 09:00 – 10:30 | Fish Satellite Kelvin Gallery (413) | Arthropod Satellite Humanities Lecture Theatre (255) | Amphioxus Satellite Lecture Theatre (466) | Platynereis and other annelids Satellite East Quad Lecture Theatre (226) |
| 10:30 – 11:00 | Coffee Break, Hunter Halls | | | |
| 11:00 – 12:30 | Fish Satellite Kelvin Gallery (413) | Arthropod Satellite Humanities Lecture Theatre (255) | Amphioxus Satellite Lecture Theatre (466) | Platynereis and other annelids Satellite East Quad Lecture Theatre |
| 12:30 – 13:30 | Packed Lunch, Hunter Halls | | | |
| 13:30 – 15:30 (maximum) | Fish Satellite Kelvin Gallery (413) | Arthropod Satellite Humanities Lecture Theatre (255) | Amphioxus Satellite Lecture Theatre (466) | Platynereis and other annelids Satellite East Quad Lecture Theatre |
| 15:30 – 16:00 | Coffee Break, Hunter Halls | | | |
| | **Start of the Main Meeting** | | | |
| 16:00 - 17:00 | Opening Keynote – Bute Hall<br>Kevin Lala, *University of St Andrews*<br>Evolution Evolving: The Developmental Origins of Adaptation and Biodiversity | | | |
| 18:00 onwards | Civic Reception<br>Glasgow City Chambers | | | |

| WEDNESDAY 10TH JUNE 2026 – SECOND DAY | | |
|---|---|---|
| 08:00 | Registration, The Concert Hall | |
| 09:00 - 10:40<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **S06- Evolution through simplification and loss** | | |
| 09:00 - 09:25<br>S06.1 | Stepwise loss of recombination preceeded the origin of asexuality in *Schmidtea mediterranea* | Jeremias N. Brand |
| 09:25 - 09:50<br>S06.2 | Evolution through simplification and loss – A panarthropod perspective | Ralf Janssen |
| 09:50 - 10:15<br>S06.3 | Small but mighty: How miniaturization shapes metazoan evolution | Katrine Worsaae |
| 10:15 - 10:40<br>S06.4 | Loss-driven genomic remodeling enables a freshwater–marine transition in a teleost | Filipe Castro |
| 09:00 - 10:40<br>“Molecular” in Bute Hall | | |
| **S02- From cell type- to tissue-evolution** | | |
| 09:00 - 09:25<br>S02.1 | Principles of cell type and tissue evolution: Origin and centralisation of the nervous system | Detlev Arendt |
| 09:25 - 09:50<br>S02.2 | Evolutionary assembly of vertebrate digestive organs | Arun Chavan |
| 09:50 - 10:15<br>S02.3 | Metabolic complementation between cells drives the evolution of tissues and organs | James DiFrisco |
| 10:15 - 10:40<br>S02.4 | Whole genome duplication drove cell-type evolution in the vertebrate brain | Yuanzhen Zhu |

| WEDNESDAY 10TH JUNE 2026 – SECOND DAY | | |
|---|---|---|
| 09:00 - 10:40<br>“Physiology” in Kelvin Gallery | | |
| **S04- Mechanical Forces in EvoDevo** | | |
| 09:00 - 09:25<br>S04.1 | Mechanics of the cleavage pattern of the brown alga *Fucus* embryo | Bénédicte Charrier |
| 09:25 - 09:50<br>S04.2 | The mechanics of crocodile and tortoise head scale patterning | Rory Cooper |
| 09:50 - 10:15<br>S04.3 | The origin and evolution of animal morphogenesis: insights from choanoflagellates | Thibaut Brunet |
| 10:15 - 10:40<br>S04.4 | Evolution of gastrulation as a mechanically constrained process | Steffen Lemke |
| 09:00 - 10:40<br>“Specific Systems” in East Quad Lecture Theatre | | |
| **S08- Integrative Perspectives on Craniofacial Evo-Devo** | | |
| 09:00 - 09:25<br>S08.1 | Evolutionary transition of the vertebrate pituitary from a pharyngeal gland revealed in embryos of basal fishes | Agata Horckova |
| 09:25 - 09:50<br>S08.2 | Building vertebrate facial shape diversity from a conserved embryonic framework | Marketa Kaucka |
| 09:50 - 10:15<br>S08.3 | The Pteraspid Paradox and the evolution of the vertebrate cranial dermal skeleton | Joseph Keating |
| 10:15 - 10:40<br>S08.4 | Fundamental Reorganization of the Amniote Facial Developmental Framework in Mammalian Evolution | Hiroki Higashiyama |
| 10:40 - 11:05 | Coffee Break, in Hunter Halls | |
| 11:05 - 12:30<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **C06- Evolution through simplification and loss** | | |
| 11:05 - 11:19<br>C06.1 | “Less, but more”: evolutionary innovation following massive gene loss in *Oikopleura dioica* | Cristian Cañestro |
| 11:19 - 11:33<br>C06.2 | How to lose your gut: the genomic mechanisms of parasitism loss in lampreys | Arne Jacobs |
| 11:33 - 11:47<br>C06.3 | Faster and smaller: heterochronic shift in gene expression leads to larval onset of spermatogenesis and miniaturized males | Alice Rouan |
| 11:47 - 12:01<br>C06.4 | Decoding the developmental genetic basis of song loss in rapidly evolving crickets | Jae Walker |
| 12:01 - 12:15<br>C06.5 | Morphological and molecular underpinnings of developmental truncation and loss of pectoral fins across life stages in the pipefish *Nerophis ophidion* | Ralf Schneider |
| 12:15 - 12:29<br>C06.6 | Developmental mechanisms underlying the evolution of visual system degeneration | Johanna Kowalko |

| WEDNESDAY 10TH JUNE 2026 – SECOND DAY | | |
|---|---|---|
| 11:05 - 12:30<br>“Molecular” in Bute Hall | | |
| **C02- From cell type- to tissue-evolution** | | |
| 11:05 - 11:19<br>C02.1 | Comparative transcriptomics reveals dynamic cell-type evolution in teleost gonads | Francisca Hervas-Sotomayor |
| 11:19 - 11:33<br>C02.2 | Hierarchical determination of organ identity - examples from arthropods | Ariel D. Chipman |
| 11:33 - 11:47<br>C02.3 | Endometrial cell innovations underlying the acquisition of menstruation in primates | Eulalie Liorzou |
| 11:47 - 12:01<br>C02.4 | The Role of Body Size in the Evolution of Tissues and Organs | Arsham Nejad Kourki |
| 12:01 - 12:15<br>C02.5 | How do complex organs arise? Exploration of the pancreatic-like cell composition of a sea urchin by differential single-cell transcriptomics | Maria Lorenza Rusciano |
| 12:15 - 12:29<br>C02.6 | The genetic basis of a cell type expansion in the mammalian placenta | Marcin Falis |
| 11:05 - 12:30<br>“Physiology” in Kelvin Gallery | | |
| **C04- Mechanical Forces in EvoDevo** | | |
| 11:05 - 11:19<br>C04.1 | Using fly wings to study the evolution of morphogenesis | Jana Fuhrmann |
| 11:19 - 11:33<br>C04.2 | Tissue mechanics reveal evolutionary divergence of inner ear morphogenesis across vertebrates | Shuhei Horiguchi |
| 11:33 - 11:47<br>C04.3 | Morphogenesis establishes directional transport in the gastrovascular network of the jellyfish Aurelia aurita during development | Laureline Julien |
| 11:47 - 12:01<br>C04.4 | Rhythmic contractions of the yolk of goldfish, domesticated ornamental fish with diverse dorsoventral patterning traits | Paul Gerald Layague Sanchez |
| 12:01 - 12:15<br>C04.5 | Coordinating organismal and organ repair in a hydrozoan medusa | Chiara Sinigaglia |
| 12:15 - 12:29<br>C04.6 | Evolution and mechanics of retinal-pigmented epithelium morphogenesis during optic cup folding | François Agnès |

| WEDNESDAY 10TH JUNE 2026 – SECOND DAY | | |
|---|---|---|
| 11:05 - 12:30<br>“Specific Systems” in East Quad Lecture Theatre | | |
| **C08- Integrative Perspectives on Craniofacial Evo-Devo** | | |
| 11:05 - 11:19<br>C08.1 | Origin of the ground-borne sound perception in snakes | Taro Nojiri |
| 11:19 - 11:33<br>C08.2 | Prenatal cranial allometry reveals developmental adaptations to laryngeal echolocation in bats | Laura Wilson |
| 11:33 - 11:47<br>C08.3 | Sensory-skeletal integration and the origin of asymmetric facial bone fusions in blind cave-dwelling fish | Joshua Gross |
| 11:47 - 12:01<br>C08.4 | Genetic integration of craniofacial shape and eye size in Lake Malawi cichlids | Irene Soto Bajo |
| 12:01 - 12:15<br>C08.5 | Synchrotron microtomography reveals unusual vascular cartilage in an Ordovician vertebrate | Richard Dearden |
| 12:15 - 12:29<br>C08.6 | Elemental and Molecular Mapping Reveal Cartilage Cell Organization and Differentiation During Development | Tatjana Haitina |
| 12:30 – 13:30 | Lunch Break in Hunter Halls<br><br>WO1 – Publishing workshops, in East Quad Lecture Theatre (226) | |
| 13:30 - 15:10<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **S13- Leveraging evo-devo for conservation biology and agroecology** | | |
| 13:30 - 13:55<br>S13.1 | Microbial symbionts and the flourishing of ecosystems | Scott Gilbert |
| 13:55 - 14:20<br>S13.2 | Evolutionary divergence of neural crest cells in Icelandic three-spined stickleback (*Gasterosteus aculeatus*) thermal ecotypes | Matthew Brachmann |
| 14:20 - 14:45<br>S13.3 | Developmental plasticity as a buffer against extinction: experimental insights from rotifers | Emily Harmon |
| 14:45 – 15:10<br>S13.4 | Early-life stress induces brain-region-specific epigenetic and micro-RNA dynamic changes across ontogeny in chickens | Carlos Guerrero-Bosagna |
| 13:30 - 15:10<br>“Molecular” in Bute Hall | | |
| **S14- Role of Soma-to-Germline Inheritance in Evolutionary Change** | | |
| 13:30 - 13:55<br>S14.1 | Understanding the ‘sperm RNA code’ for epigenetic inheritance with emerging tools | Qi Chen |
| 13:55 - 14:20<br>S14.2 | Darwin’s Pangenesis in relation to evolution, development and soma-to-germline inheritance | Yongsheng Liu |
| 14:20 - 14:45<br>S14.3 | How Germ Cells Respond to Stress - and What Remains to Be Discovered | Vincent Fischer |
| 14:45 – 15:10<br>S14.4 | Somatically acquired sperm miRNAs initiate embryonic regulatory cascades underlying paternal epigenetic inheritance | Colin Conine |

| WEDNESDAY 10TH JUNE 2026 – SECOND DAY | | |
|---|---|---|
| 13:30 – 15:10<br>"Physiology" in Kelvin Gallery | | |
| **S22- Forty years of molecular paleontology and beyond** | | |
| 13:30 - 13:55<br>S22.1 | The diversification of land plant body plans through the lens of molecular palaeobotany | Alexander Hetherington |
| 13:55 - 14:20<br>S22.2 | Unraveling the Deep Evolutionary History of Microbial Life | Edmund Moody |
| 14:20 - 14:45<br>S22.3 | Molecular Palaeobiology of Echinozoan skeletons | Jeffrey Thompson |
| 14:45 - 15:10<br>S22.4 | Convergent genome evolution shaped the emergence of terrestrial animals | Jialin Wei |
| 13:30 – 15:10<br>"Specific Systems" in East Quad Lecture Theatre | | |
| **S01- Evo-Devo Principles of Plant Specialized Metabolism** | | |
| 13:30 - 13:55<br>S01.1 | Development of a flower as a false female in the sexually deceptive orchid *Ophrys sphegodes* | Philipp M. Schlüter |
| 13:55 - 14:20<br>S01.2 | Complex Evolution in the Cellulose Synthase Protein Family: From Core Cell Wall Assembly to Enzymatic and Non-enzymatic Functions in Specialized Metabolism | Asaph Aharoni |
| 14:20 - 14:45<br>S01.3 | The evolution of plant specialized metabolism and specialized cell types | Maite Colinas |
| 14:45 - 15:10<br>S01.4 | Allopolyploidy-mediated innovation of gain-of-function defenses in a plant-insect arms race | Emmanuel Gaquerel |
| 15:10 – 15:30 | Coffee Break, in Hunter Halls | |
| 15:30 – 16:40<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **C20- Open Symposium (patterning)** | | |
| 15:30 - 15:44<br>C20.1 | Cnidarian Embryonic Aggregates Reveal an Alternative Developmental Morphospace of Initial Body Plan Formation | Kerim Anlas |
| 15:44 - 15:58<br>C20.2 | New meiofaunal genomes reveal the diversity of animal Hox clusters | Madeleine Aase-Remedios |
| 15:58 - 16:12<br>C20.3 | Hopeful Monsters in Action? Repeated Axial Evolution Across African Cichlid Fish Radiations | Callum Bucklow |
| 16:12 - 16:26<br>C20.4 | An Evolutionarily Conserved Genetic Framework for Pnant Root Cortex Patterning | Raffaele Dello Ioio |
| 16:26 - 16:40<br>C20.5 | Building branches: mechanisms of meristem duplication during dichotomous branching | Vicky Spencer |
| 16:40 – 18:15 | Poster Session: Odd numbers, in Hunter Halls // H01- Historical artifacts, in Concert Hall | |
| 18:15 – 19:15 | Keynote – Bute Hall – K2<br>Beverley Glover, *University of Cambridge*<br>How to build a (fake) fly: the convergent evolution of sexually deceptive pollination | |

| WEDNESDAY 10TH JUNE 2026 – SECOND DAY | | |
|---|---|---|
| 15:30 – 16:40<br>"Molecular" in Bute Hall | | |
| **C14- Role of Soma-to-Germline Inheritance in Evolutionary Change** | | |
| 15:30 - 15:44<br>C14.1 | Intergenerational shifts in innate odour preferences upon odour feeding or odour injections in *Bicyclus anynana* butterfly larvae | Antonia Monteiro |
| 15:44 - 15:58<br>C14.2 | Germline consequences of a multigenerational metabolic disruption | Violeta de Anca Prado |
| 15:58 - 16:12<br>C14.3 | Epigenetic Inheritance of DNA methylation in an Early-Branching Animal | Lan Xu |
| 16:12 - 16:26<br>C14.4 | Developmental Dynamics of Annelid Methylation | Meghan Yap-Chiongco |
| 16:26 - 16:40<br>C14.5 | The genetic and epigenetic architecture of thermal plasticity in the threespine stickleback | Corin Stansfield |
| 15:30 – 16:40<br>"Physiology" in Kelvin Gallery | | |
| **C22- Forty years of molecular paleontology and beyond** | | |
| 15:30 - 15:44<br>C22.1 | Towards a philosophy of reproduction for evo-devo: an organismal and relational approach | David Cortés-García |
| 15:44 - 15:58<br>C22.2 | Developmental morphological rates and the emergence of animal body plans: insights from early metazoan evolution | Zhiqing Guo |
| 15:58 - 16:12<br>C22.3 | Stepwise evolution of vertebrate median bony structures: from dorsal scutes to fin rays | Kazuhide Miyamoto |
| 16:12 - 16:26<br>C22.4 | Bayesian timetree inference using Hamiltonian dynamics | Laura Mulvey |
| 16:26 - 16:40<br>C22.5 | The first quantitative evidence of ontogenetic growth in the early Cambrian ecdysozoan worm *Cricocosmia jinningensis* reveals the earliest energy reallocation | Xiaomei Shi |
| 15:30 – 16:40<br>"Specific Systems" in East Quad Lecture Theatre | | |
| **C20- Open Symposium (neuro)** | | |
| 15:30 - 15:44<br>C20.1 | Developmental evolution of brain monoaminergic systems: the outcomes of the mao mutation in blind Mexican cavefish | Alessandro Alunni |
| 15:44 - 15:58<br>C20.2 | Adaptive significance and evolutionary origin of the Turbanate Eye in Cloeon dipterum: a case of sensory innovation in mate recognition | Tòt Senar-Serra |
| 15:58 - 16:12<br>C20.3 | Astrocyte evolution in vertebrates: a tale of two fishes | Anna Box |
| 16:12 - 16:26<br>C20.4 | Tail muscle development of Oikopleura dioica: a neuromesodermal origin and the evolution of the appendicularian free-swimming lifestyle | Marc Fabregà-Torrus |
| 16:26 - 16:40<br>C20.5 | Sexual Dimorphism and Lifestyle Transition: from Sex Chromosome Turnover to Brain Remodeling in a Mayfly | Sophie Tandonnet |

| THURSDAY 11 JUNE 2026 – THIRD DAY | | |
|---|---|---|
| 08:00 | Registration, The Concert Hall | |
| 09:00 – 10:40<br>“Theory” in Humanities Lecture Theatre (255) | | |
| **S16- Modularity, robustness and evolvability** | | |
| 09:00 - 09:25<br>S16.1 | The process-specific GP maps and their interaction may explain micro-to-macro divide | Mihaela Pavlicev |
| 09:25 - 09:50<br>S16.2 | Modularization of the plant body plan and the rise of flowering plants | Rainer Melzer |
| 09:50 - 10:15<br>S16.3 | Modularity and morphological innovation : bridging master genes with developmental systems properties | Sophie Pantalacci |
| 10:15 - 10:40<br>S16.4 | Multi-scale devo-evo in a bite: nesting variation and evolvability of complex dentitions and beyond | Roland Zimm |
| 09:00 – 10:40<br>“Molecular” in Bute Hall | | |
| **S19- Integrating Gene Regulatory Networks into Evo-Devo: Linking Molecular Mechanisms to Trait Evolution** | | |
| 09:00 - 09:25<br>S19.1 | A network-centric view on the evolution of developmental processes - Insights from eye size variation in *Drosophila* | Nico Posnien |
| 09:25 - 09:50<br>S19.2 | Gene regulatory networks driving neuronal diversification in development and in evolution | Nuria Flames |
| 09:50 - 10:15<br>S19.3 | Making diverse “breathing” pores - gene regulatory network evolution and the morphodiversity of plant stomata | Michael T. Raissig |
| 10:15 - 10:40<br>S19.4 | Effects of foreign transcription factors in vertebrate gene regulatory networks | Marta Portela |
| 09:00 – 10:40<br>“Physiology” in Kelvin Gallery | | |
| **S05- The Impacts of Microbiota on Animal and Plant Development** | | |
| 09:00 - 09:25<br>S05.1 | Natural variation in *Arabidopsis thaliana* root responses to microbiota-derived *Pseudomonas* | Charles Copeland |
| 09:25 - 09:50<br>S05.2 | Decoding microbiota-driven plasticity in the vertebrate intestine | John Rawls |
| 09:50 - 10:15<br>S05.3 | A role of environmental microbes in triggering wound healing and regeneration | Azra Atabay |
| 10:15 - 10:40<br>S05.4 | Understanding how the microbiome shapes nervous system development | Helen Vuong |

| THURSDAY 11 JUNE 2026 – THIRD DAY | | |
|---|---|---|
| 09:00 – 10:40<br>“Specific Systems” in East Quad Lecture Theatre | | |
| **S11-Pixels, patterns, and perception: integrative eco–evo–devo perspectives on biological colour** | | |
| 09:00 - 09:25<br>S11.1 | How do girls make diamonds? The developmental basis of a female-limited color pattern polymorphism | Nathalie Feiner |
| 09:25 - 09:50<br>S11.2 | How the mouse got its stripes: formation and evolution of color patterns in rodents | Ricardo Mallarino |
| 09:50 - 10:15<br>S11.3 | Machine-learnt variation among butterfly photographs: new quantitative tools for evolution and development | Jennifer Hoyal Cuthill |
| 10:15 - 10:40<br>S11.4 | From shallow larvae to the abyss: extraordinary visual adaptation in deep-sea fishes | Zuzana Musilova |
| 10:40 – 11:05 | Coffee break | |
| 11:05 - 12:30<br>“Theory” in Humanities Lecture Theatre (255) | | |
| **C16- Modularity, robustness and evolvability** | | |
| 11:05 - 11:19<br>C16.1 | Evolutionary tuning of Nodal mobility ensures robust embryonic patterning across temperatures | Daniel Čapek |
| 11:19 - 11:33<br>C16.2 | Developmental heterochrony underlies the evolution of extreme body axis segmentation in the Japanese eel | Ali Seleit |
| 11:33 - 11:47<br>C16.3 | Role of plasticity and developmental robustness in the evolutionary process and insights into genetic assimilation | Atsuko Sato |
| 11:47 - 12:01<br>C16.4 | Regulatory dominance promotes robustness and evolutionary innovation | Noa Ottilie Borst |
| 12:01 - 12:15<br>C16.5 | Environmental Noise and the Evolution of Evolvability | Masahito Tsuboi |
| 12:15 - 12:29<br>C16.6 | Developmental system drift as a consequence of the evolution of modularity | Áine McColgan |
| 11:05 - 12:30<br>“Molecular” in Bute Hall | | |
| **C19- Integrating Gene Regulatory Networks into Evo-Devo: Linking Molecular Mechanisms to Trait Evolution** | | |
| 11:05 - 11:19<br>C19.1 | The roads to superorganisms: an evo-devo perspective from termites | Bitao Qiu |
| 11:19 - 11:33<br>C19.2 | The role of Fat-Hippo signaling in the origin and diversification of beetle horns | Yongsoo Choi |
| 11:33 - 11:47<br>C19.3 | Tracing the evolutionary origin of eyespot center cell types on butterfly wings with single-cell genomics | Suriya Narayanan Murugesan |
| 11:47 - 12:01<br>C19.4 | Redeployment of an ancestral gene regulatory network drives the origins of a novel cell type in Poeciliid fish | Sophie Kraunsoe |
| 12:01 - 12:15<br>C19.5 | Single-nucleus Profiling Highlights the All-Brain Echinoderm Nervous System and the Gene Regulatory Signature of Postmetamorphic Cell Types and Organs | Periklis Paganos |
| 12:15 - 12:29<br>C19.6 | Integrating Developmental Timing and Transcriptomics to Uncover Insect Brain Diversification | Christine Mau |

| THURSDAY 11TH JUNE – THIRD DAY | | |
|---|---|---|
| 11:05 - 12:30<br>"Physiology" in Kelvin Gallery | | |
| **C05- The Impacts of Microbiota on Animal and Plant Development** | | |
| 11:05 - 11:19<br>C05.1 | A Microbial Perspective on Animal Development and Behaviour | Thomas Bosch |
| 11:19 - 11:33<br>C05.2 | Microbes as manipulators of egg size and developmental evolution | Tyler Carrier |
| 11:33 - 11:47<br>C05.3 | Microbiome dynamics across the life cycle of *Platynereis dumerilii* | Giulia Ghisleni |
| 11:47 - 12:01<br>C05.4 | Synergistic holobiont plasticity in the sea urchin *Arbacia lixula*: Maternal effects and symbiotic microbiome under ocean acidification | Andres Rufino Navarro |
| 12:01 – 12:29<br>C05.5 | Discussion time | |
| 11:05 - 12:30<br>"Specific Systems" in East Quad Lecture Theatre | | |
| **C11- Pixels, patterns, and perception: integrative eco–evo–devo perspectives on biological colour** | | |
| 11:05 - 11:19<br>C11.1 | How the lizard changed its spots: using computational models of development to predict evolutionary changes in colour patterns | Halley Cano-Fernández |
| 11:19 - 11:33<br>C11.2 | The evolution, genetics and development of butterfly structural colour | Nicola Nadeau |
| 11:33 - 11:47<br>C11.3 | The lncRNA–miRNA gene *ivory:mir-193* controls adaptive melanism in a polymorphic moth | Luca Livraghi |
| 11:47 - 12:01<br>C11.4 | Sketching Vertebrate Color Evolution through the Reconstruction of Reptile Chromatophore Development | Pierre-Yves Helleboid |
| 12:01 - 12:15<br>C11.5 | Non-iridescent structural color emergence and diversification controlled by keratin self-assembly during feather development | Rita Afonso |
| 12:15 - 12:29<br>C11.6 | How sexes diversify: Molecular drivers underlying sexual color dimorphism in cichlids | Muktai Kuwalekar |
| 12:30 – 13:30 | Lunch Break, in Hunter Halls<br><br>RT01 – KLI Round Table, in East Quad Lecture Theatre (226)<br><br>EED Council Meeting, in Humanities Lecture Theatre (255) | |

| THURSDAY 11 JUNE 2026 – THIRD DAY | | |
|---|---|---|
| 13:30 – 15:10<br>“Theory” in Humanities Lecture Theatre (255) | | |
| **S17- Micro-Evo-Devo: Developmental Origins of Within-Population Variation** | | |
| 13:30 - 13:55<br>S17.1 | Variation lost in translation between micro- and macroevolution | Jukka Jernvall |
| 13:55 - 14:20<br>S17.2 | Epigenetic changes alter developmental variance in isogenic mouse models | Rebecca Green |
| 14:20 - 14:45<br>S17.3 | Innovation and di<br>versification of and through sexual dimorphism: insights from horned beetles | Erica Nadolski |
| 14:45 - 15:10<br>S17.4 | Changing developmental signal has an effect on developmental bias: Wnt mutation modifies phenotypic co-variation patterns for cell fates in the nematode vulva | Katie Pelletier |
| 13:30 – 15:10<br>“Molecular” in Bute Hall | | |
| **S18- Evo-Devo of plant forms & patterns** | | |
| 13:30 - 13:55<br>S18.1 | Conserved modules, novel forms: Investigating the mechanisms underlying grass morphological diversity | Katie Jeal |
| 13:55 - 14:20<br>S18.2 | Stay hydrated – Deciphering the development and physiology of leaf succulence | Heike Lindner |
| 14:20 - 14:45<br>S18.3 | Unusual Morphogenesis in *Monophyllaea*: Indeterminate Leaf Meristems and the Absence of a Shoot Apical Meristem | Hirokazu Tsukaya |
| 14:45 - 15:10<br>S18.4 | From spots to stripes: interplay between a reaction-diffusion system and its prepatterns | Yaowu Yuan |
| 13:30 – 15:10<br>“Physiology” in Kelvin Gallery | | |
| **S09- Nutritional regulation of developmental processes** | | |
| 13:30 - 13:55<br>S09.1 | Metabolic control of planarian regeneration | Cristina Gonzalez-Estevez |
| 13:55 - 14:20<br>S09.2 | A stem cell zoo uncovers intracellular scaling of developmental tempo across mammals | Jorge Lazaro Farre |
| 14:20 - 14:45<br>S09.3 | Maternal diet influences embryonic developmental trajectory and offspring phenotype via non-genetic factors in *Drosophila melanogaster* | Krittika Sudhakar |
| 14:45 - 15:10<br>S09.4 | Nutritional control of body plasticity across biological scales in a sea anemone | Patrick Steinmetz |

| THURSDAY 11TH JUNE 2026 – THIRD DAY | | |
|---|---|---|
| 13:30 - 15:10<br>"Specific Systems" in East Quad Lecture Theatre | | |
| **S15- Evolution and development of digestive systems: from specialised cell types to complex ecosystems** | | |
| 13:30 - 13:55<br>S15.1 | A blastoporal organizer in a ctenophore | Andreas Hejnol |
| 13:55 - 14:20<br>S15.2 | Comparative transcriptomics reveal the common anteroposterior molecular blueprint of adult bilaterian guts | Stefano Davide Vianello |
| 14:20 – 14:45<br>S15.3 | A new animal model for dissecting drug transporter functions during gut maturation and host-microbe interactions | Catherine Schrankel |
| 14:45 - 15:10<br>S15.4 | Gut evolution, from cell types to gene regulatory networks | Maria Ina Arnone |
| 15:10 – 15:30 | Coffee break , Hunter Halls | |
| 15:30 – 16:40<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **C17- Micro-Evo-Devo: Developmental Origins of Within-Population Variation** | | |
| 15:30 - 15:44<br>C17.1 | Organismal-level regulation of phenotypic variability in *Drosophila* | Luisa F. Pallares |
| 15:44 - 15:58<br>C17.2 | Determining hotspots of cellular adaptation in the polychaete *Platynereis dumerilii* | Tobias Gerber |
| 15:58 - 16:12<br>C17.3 | Morphometric quantification of temperature stress effects on embryonic development at single-cell resolution | Chiara Castelletti |
| 16:12 - 16:26<br>C17.4 | Investigating the genetic and developmental bases of compound eye size variation among populations, species and temperatures | Alistair P. McGregor |
| 16:26 - 16:40<br>C17.5 | Can annual fish become a model for micro-evolution and adaptation of development? | Tom Van Dooren |
| 15:30 – 16:40<br>"Molecular" in Bute Hall | | |
| **C18- Evo-Devo of plant forms & patterns** | | |
| 15:30 - 15:44<br>C18.1 | Lignin patterning and evolutionary transitions in explosive fruit | Aurelia Emonet |
| 15:44 - 15:58<br>C18.2 | Modelling The Interplay Between Pre-Patterning and Morphogenesis in *Hibiscus trionum* Petals | Steven Oud |
| 15:58 - 16:12<br>C18.3 | Checkerboards and the chess flower: evolution of colour patterns in Fritillaria (Liliaceae) | Laetitia Carrive |
| 16:12 - 16:26<br>C18.4 | How plants grow cups: Investigating the Development and Plasticity of *Marchantia polymorpha* Gemma Cups | Leonie Kraska |
| 16:26 - 16:40<br>C18.5 | The evolutionary origins of apical growth in plants | Joseph Sardina |

| THURSDAY 11TH JUNE 2026 – THIRD DAY | | |
|---|---|---|
| 15:30 - 16:40<br>“Physiology” in Kelvin Gallery | | |
| **C19- Integrating Gene Regulatory Networks into Evo-Devo: Linking Molecular Mechanisms to Trait Evolution (continued)** | | |
| 15:30 - 15:44<br>C19.1 | Regulatory tinkering in the evolution of vertebrate olfaction | Demian Burguera |
| 15:44 - 15:58<br>C19.2 | Evolution of the photoreceptor developmental program in nocturnal geckos | Emily M. Dong |
| 15:58 - 16:12<br>C19.3 | Building a jellyfish muscle: Characterization of Myogenesis in *Pelagia noctiluca* | Clara Deleau |
| 16:12 - 16:26<br>C19.4 | Tracing the evolution of male pregnancy and brood pouch complexity in syngnathids through comparative transcriptomics | Tarek Gerhard |
| 15:30 - 16:40<br>“Specific Systems” in East Quad Lecture Theatre | | |
| **C20- Open Symposium (cell-tissue)** | | |
| 15:30 - 15:44<br>C20.1 | Tracing the evolutionary origin and function of fluorescent pigmented cells in sea cucumbers | Rossella Annunziata |
| 15:44 - 15:58<br>C20.2 | EvoDevoBase: an open database for evolutionary developmental biology | Bruno Vellutini |
| 15:58 - 16:12<br>C20.3 | Late Vascular Development in Chondrichthyans Reveals a Conserved Programs of Venous Valve Formation | Virginia Panara |
| 16:12 - 16:26<br>C20.4 | Spatial transcriptomics reveals "temporal modularity" in gap and pair-rule gene patterning in the early Tribolium embryo | Ezzat El-Sherif |
| 16:26 - 16:40<br>C20.5 | Transient Receptor Potential (TRP) Channel diversity and localization in Choanoflagellates points to a role in cellular behavior | Jeffrey Colgren |
| 16:40 – 18:15 | Poster Session, even numbers<br>Hunter Halls | |
| 18:15 – 19:15 | Keynote – Bute Hall – K3<br>Laura Nuno de la Rosa, Spanish National Research Council, Institute of Philosophy<br>Reproduction as a Mediator of Development and Evolution | |

| FRIDAY 12TH JUNE 2026 – FOURTH DAY | | |
|---|---|---|
| 08:00 | Registration, the Concert Hall | |
| 09:00 - 10:40<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **S21- Advances in theoretical evo-devo** | | |
| 09:00 - 09:25<br>S21.1 | The evolutionary implications of genotype-phenotype map structure – from molecular examples to general principles | Nora S. Martin |
| 09:25 - 09:50<br>S21.2 | The Extended Life Cycle | Nayely Velez-Cruz |
| 09:50 - 10:15<br>S21.3 | A theoretical perspective on evolvability | Thomas Hansen |
| 10:15 - 10:40<br>S21.4 | Constructive Internal Selection: a neglected factor in developmental evolution | Günter Wagner |
| 09:00 - 10:40<br>"Molecular" in Bute Hall | | |
| **S12-Genomics in Evo-Devo - And what next?** | | |
| 09:00 - 09:25<br>S12.1 | Gene duplication and co-option originated a male specific visual system in mayflies | Isabel Almudi |
| 09:25 - 09:50<br>S12.2 | An integrative Eco-Evo-Devo approach to colour pattern variation in cichlid fishes | Emília Santos |
| 09:50 - 10:15<br>S12.3 | The evolution of new vertebrate cell types and organs | Margarida Cardoso-Moreira |
| 10:15 - 10:40<br>S12.4 | Simulating the evolution of development: current and future approaches | Renske Vroomans |
| 09:00 - 10:40<br>"Physiology" in Kelvin Gallery | | |
| **S07- Evo-Devo of complex life histories: agametic development, regeneration and clonality** | | |
| 09:00 - 09:25<br>S07.1 | Probing clonal evolution in planarians | Jochen Rink |
| 09:25 - 09:50<br>S07.2 | Complex lifecycles and polyploidy in a cnidarian model species | Catriona Munro |
| 09:50 - 10:15<br>S07.3 | Using sponge whole-body regeneration to investigate early animal evolution | Roger Revilla-i-Domingo |
| 10:15 - 10:40<br>S07.4 | Conserved neurogenic functions of Notch pathway during regeneration and growth in the annelid *Platynereis* | Eve Gazave |
| 09:00 - 10:40<br>"Specific Systems" in East Quad Lecture Theatre | | |
| **S10- Skin Deep: Common Threads in the Evolution of Bilaterian Ectodermal Appendages** | | |
| 09:00 - 09:25<br>S10.1 | Sensory origins of vertebrate teeth and the evolutionary links between odontodes and ectodermal sensory structures | Yara Haridy |
| 09:25 - 09:50<br>S10.2 | Armoured catfish evolved skin denticles that recapitulate teeth the structural, developmental, and genetic level | Carlos Rivera Rivera |
| 09:50 - 10:15<br>S10.3 | Ectodermally derived exoskeletons in molluscs: from signalling to seashells | Victoria Sleight |
| 10:15 - 10:40<br>S10.4 | Development and evolution of the whisker pattern | Denis Headon |

| FRIDAY 12TH JUNE 2026 – FOURTH DAY | | |
|---|---|---|
| 10:40 – 11:05 | Coffee break | |
| 11:05 - 12:30<br>“Theory” in Humanities Lecture Theatre (255) | | |
| **C21- Advances in theoretical evo-devo** | | |
| 11:05 - 11:19<br>C21.1 | Linking Developmental Dynamics and Statistical Models of Evolutionary Variation | Lisandro Milocco |
| 11:19 - 11:33<br>C21.2 | Why are multicellular differentiation programs directional? | Somya Mani |
| 11:33 - 11:47<br>C21.3 | A mathematical synthesis of genetics, development, and evolution | Mauricio Gonzalez-Forero |
| 11:47 - 12:01<br>C21.4 | What happens to the questions and answers of evolutionary theory when we can model the genotype-phenotype map and its evolution | Isaac Salazar-Ciudad |
| 12:01 - 12:15<br>C21.5 | Loss, persistence and reversal of phenotypic traits | Giobbe Forni |
| 12:15 - 12:29<br>C21.6 | The evolution of tissue shape and differentiation in a computational model of plant morphogenesis | Pjotr L. van der Jagt |
| 11:05 - 12:30<br>“Molecular” in Bute Hall | | |
| **C12- Genomics in Evo-Devo - And what next?** | | |
| 11:05 - 11:19<br>C12.1 | An ancient gene is a novel regulator of cell proliferation in the spider Parasteatoda tepidariorum | Zoe X. Schultz |
| 11:19 - 11:33<br>C12.2 | Uncovering the molecular basis of bat wing development using comparative genomic and single-cell approaches | Francisca Real |
| 11:33 - 11:47<br>C12.3 | From 52 to hundreds of species: integration of bulk and single-cell transcriptomics across animal diversity in Bgee | Marc Robinson-Rechavi |
| 11:47 - 12:01<br>C12.4 | The genomic and developmental basis of eyestalks in the stalk-eyed fly Teleopsis dalmanni | Victoria Lloyd |
| 12:01 - 12:15<br>C12.5 | Extensive transcriptomic turnover facilitates evolutionary novelty in brown algae | Jaruwatana Sodai Lotharukpong |
| 12:15 - 12:29<br>C12.6 | Functional genetics and genomics of egg development speed in the red flour beetle | Caspar Schmeits |

| FRIDAY 12TH JUNE 2026 – FOURTH DAY | | |
|---|---|---|
| 11:05 - 12:30<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **C07- Evo-Devo of complex life histories: agametic development, regeneration and clonality** | | |
| 11:05 - 11:19<br>C07.1 | Large-scale reprograming of differentiated larval tissues establishes adult body plan during sea cucumber metamorphosis | Laurent Formery |
| 11:19 - 11:33<br>C07.2 | Multi-stage single-cell atlas of agametic reproduction in the colonial ascidian *Botryllus schlosseri* unveils transcriptomic reprogramming and possible dedifferentiation of bud founder cells | Marie Lebel |
| 11:33 - 11:47<br>C07.3 | Exploring zooid polymorphism in siphonophores (Cnidaria:Hydrozoa) at single cell resolution | Namrata Ahuja |
| 11:47 - 12:01<br>C07.4 | Food availability impacts developmental trajectory in the asexually reproducing flatworms | Ludwik Gąsiorowski |
| 12:01 - 12:15<br>C07.5 | Single-cell analysis of the hemichordate head blastema provides insights into the early deuterostome origins of regeneration | Ivan Candido-Ferreira |
| 12:15 - 12:29<br>C07.6 | The sea anemone *Nematostella vectensis* in laboratory vs. natural-like growth environments – molecular, cellular, developmental and life cycle effects | Uri Gat |
| 11:05 - 12:30<br>"Specific Systems" in East Quad Lecture Theatre | | |
| **C10- Skin Deep: Common Threads in the Evolution of Bilaterian Ectodermal Appendages** | | |
| 11:05 - 11:19<br>C10.1 | Genetic erosion of the scale genetic network forced an evolutionary return to bony armor | Joost Woltering |
| 11:19 - 11:33<br>C10.2 | The unreasonable effectiveness of computational models in skin scale patterning and morphogenesis | Michel Milinkovitch |
| 11:33 - 11:47<br>C10.3 | Genomic and signaling network evolution underlying hedgehog spine formation | Anna Alessandra Monaco |
| 11:47 - 12:01<br>C10.4 | Arthropod's next top model: *Oxidus gracilis* | Alexandra Weber |
| 12:01 - 12:15<br>C10.5 | Scale cell type specification on butterfly wings | Joseph Hanly |
| 12:15 - 12:29<br>C10.6 | Developmental Mechanisms for Morphological Novelty in Early Osteichthyan Dentitions | Plamen Andreev |
| 12:30 – 13:30 | Lunch Break, Hunter Hall<br><br>ERC workshop, in East Quad Lecture Theatre (226) | |

| FRIDAY 12TH JUNE 2026 – FOURTH DAY | | |
|---|---|---|
| 13:30 - 15:10<br>"Theory" in Humanities Lecture Theatre (255) | | |
| **C20-Open Symposium (theory)** | | |
| 13:30 - 13:44<br>C20.1 | Not your average archaeon: CCA diversity of Heimdallarchaeota as a window into early eukaryogenesis | Ella Cassidy |
| 13:44 - 13:58<br>C20.2 | Investigating the biological significance of evolutionary conflict using convergent traits in plants as case studies | Holly Robertson |
| 13:58 - 14:12<br>C20.3 | Learning developmental trajectories from time-lapse embryo imaging using unsupervised deep learning | Hernan Morales Navarrete |
| 14:12 - 14:26<br>C20.4 | Multimodal study of the convergent evolution of molar shape in rodent molars | Marie Sémon |
| 14:26 - 14:40<br>C20.5 | Modularity and Canalisation Shape Early Craniofacial Divergence in Arctic Charr | Kalina Kapralova |
| 13:30 - 15:10<br>"Molecular" in Bute Hall | | |
| **C02- From cell type- to tissue-evolution (continued)** | | |
| 13:30 - 13:44<br>C02.1 | Transcription factor family expansions and the origins of novel cell types | Alison G. Cole |
| 13:44 - 13:58<br>C02.2 | How do novel cell types evolve? Co-option of fibroblast activation in the origin of uterine decidualization | Stefan Pavloski |
| 13:58 - 14:12<br>C02.3 | Developing AI models to reconstruct cell type evolution across animal phylogeny | Jacob Musser |
| 14:12 - 14:26<br>C02.4 | Using closely related planarian species and single-cell transcriptomics to study cell type evolution | Jordi Solana |
| 14:26 - 14:40<br>C02.5 | Complementary roles of alternative splicing and gene expression in bilaterian tissue evolution | Federica Mantica |
| 13:30 - 15:10<br>"Physiology" in Kelvin Gallery | | |
| **S03- Bioelectric signals as a new frontier in EvoDevo** | | |
| 13:30 - 13:55<br>S03.1 | Living electronic interfaces to unravel Hydra bioelectricity | Claudia Tortiglione |
| 13:55 - 14:20<br>S03.2 | Integrating live voltage imaging and pharmacological manipulation to link bioelectric states to genetic control in ascidian morphogenesis | Josep Marti-Solans |
| 14:20 - 14:45<br>S03.3 | The Forces That Shape Us | Elias H Barriga |
| 14:45 - 15:10<br>S03.4 | Discussion time | |

| FRIDAY 12TH JUNE 2026 – FOURTH DAY | | |
|---|---|---|
| 13:30 - 15:10<br>"Specific Systems" in East Quad Lecture Theatre | | |
| **C20- Open Symposium (arthro)** | | |
| 13:30 - 13:44<br>C20.1 | A developmental mechanism producing dimorphism in ovary size between queen and worker ants | Claire Ramsay |
| 13:44 - 13:58<br>C20.2 | Evolutionary Flexibility of CpG Methylation and Histone Modifications in Beetles | Elisa Israel |
| 14:12 - 14:26<br>C20.4 | How to build a powerful water conserving system: the cryptonephridial complex of the beetle *Tribolium* | Robin Beaven |
| 14:26 - 14:40<br>C20.5 | Macroevolution of nutritional plasticity in exaggerated dung beetle forelegs and its underlying developmental mechanism | Ebony M Argaez |
| 14:40 – 15:10 | Discussion time | |
| 15:10 – 15:30 | Coffee break | |
| 15:30 – 16:30 | Poster Session,<br>All numbers, in Hunter Halls | |
| 16:30 – 17:25 | EED Society Business Meeting – Poster Prizes – EED Society Medal – Bute Hall | |
| 17:25 – 18:25 | Keynote – Bute Hall<br>Abderrahman Khila, CNRS<br>Selection, plasticity and variation: any connection? | |
| 18:25 – 18:30 | Closing Remarks | |
| 19:15 – 01:00 | Conference Dinner<br>Glasgow Science Centre | |