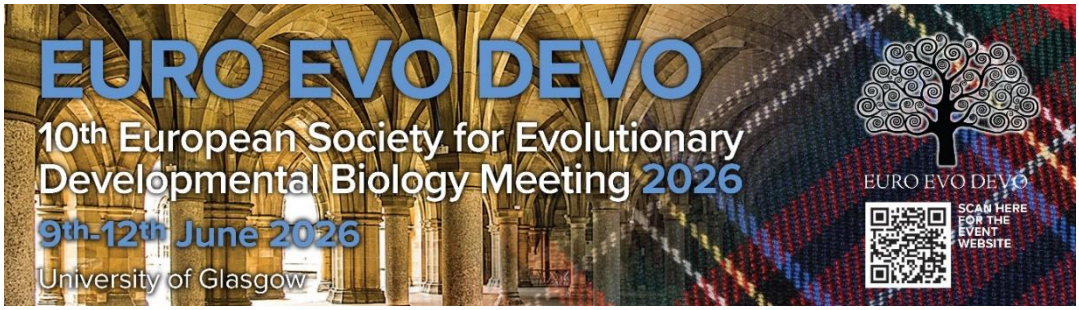

EED Satellite Meeting (Monday 8th & Tuesday 9th June 2026): Fish

Organisers:

- Michael Dorrity
- Lauren Saunders
- Juan Pascual Ayana
- Joost Woltering
- Ralf Schneider

Fish comprise about 50% of all living vertebrates. The evolutionary-developmental investigation of diverse fishes is a wellspring of discovery, from the tracing of vertebrate origins to the disentangling of complex regulatory networks. Along with a dedication to challenging existing models of development and evolution, labs using fish around the globe are creating communities around new model species – from jawless to cartilaginous to ray-finned and to lobe-finned fishes. The program will cover multiple session topics, an award session for early-career researchers, flash talks and time for networking and discussion.

With a diversity in topic and model comes a need for exchange; resources and discussion around emerging topics in vertebrate evolution demand a meeting of the fish evo-devo community. Following the success of the 2024 iteration of the Fish Satellite Symposium at the EED in Helsinki, we will bring together the international Fish Evo-Devo community to discuss advances, share resources, and map the future of our field. We are planning a program that reflects the diversity in career stage, expertise, model systems and approaches. We expect to forge exciting new links between technology and biology in the fish community.

Invited speakers

- Please see the programme below.

Submit your abstract:

The link for registration and abstract submission to the Fish Satellite Meeting is:

https://forms.gle/k7dmCZWk7kYYzmqj6

EuroEvoDevo 2026 – Satellite Conference

Confirmed Speakers: The Evo-Devo of Fish Biodiversity

Dr. Mari Kawaguchi^ (Sophia University, Tokyo, Japan) is an evolutionary biologist fascinated by the diverse brooding strategies of fishes, especially pipefishes and sea horses. Her research examines how fish adapt their reproductive strategies to diverse hatching environments. Her work has illuminated the developmental and evolutionary reproductive strategies of fish species that are traditionally very difficult to study.

Dr. Manuel Irmia* (Universitat Pompeu Fabra, Barcelona, Spain) is a computational biologist interested in the evolution of gene expression and transcriptional regulation. To study how genetic modules are co-opted to drive the emergence of new cell types during evolution, his lab investigates the extraordinary cells and tissues of electric fishes that endow them with unique sensory properties.

Dr. Sarah McMenamin^ (Boston College, Boston, MA, USA) is an evolutionary developmental biologist studying post-embryonic development of Danio fishes. Her work focuses on the role of a key endocrine factor, thyroid hormone, in shaping the embryonic to post-embryonic body plan across fish species. The lab integrates developmental genetics, genomics and morphological analyses to understand how molecular changes drive organism-scale phenotypes.

Dr. Emília Santos* (Cambridge University, Cambridge, England) is an evolutionary developmental biologist studying the evolution of morphological diversity in Lake Malawi cichlid fishes. Her lab studies neural crest-derived traits, which include craniofacial structures and pigmentation. They combine developmental genetics with population genomics approaches to investigate the molecular and cellular mechanisms underlying multiple aspects of diversity.

Dr. Claudius Kratochwil* (University of Helsinki, Helsinki, Finland) is an evolutionary biologist interested in how animal diversity arises during evolution. His lab uses Cichlid fish as model species to investigate the diverse coloration phenotypes in these tropical fish. To traverse biological scales, from genes to phenotypes to behavior, the lab integrates developmental genetics, genomics and behavioral approaches.

Dr. Zuzana Musilova^ (Charles University, Prague, Czech Republic) is an evolutionary biologist whose lab studies the mechanisms of sensory adaptation in fish. They focus on a number of fish groups, including tropical cichlids, deep-sea and elephant fishes. To study these different fish groups the lab combines genomics methods, biodiversity analyses, and transcriptome profiling.

Dr. Idoia Quintana-Urzainqui^ (Paris-Saclay Institute of Neuroscience, Paris, France) is a brand new group leader working on vertebrate brain evolution. She studies the developmental and evolutionary origin of the forebrain using shark embryos as her model system. She works on these fascinating questions using the newest single cell genomic approaches, modern genome engineering methods and cross-species comparisons.

* senior PI ^ junior PI

EVOLUTIONARY DEVELOPMENTAL BIOLOGY OF FISHES: NEW MODELS, NEW APPROACHES

EuroEvoDevo 2026 – Satellite Meeting

https://www.evodevoconference26.com/satellite-meetings

The majority of vertebrate developmental mechanisms evolved within fishes, a group that comprises about 50% of all living vertebrates. The evolutionary-developmental investigation of diverse fishes is a wellspring of discovery, from the tracing of vertebrate origins to the disentangling of complex regulatory networks. Along with a dedication to challenging existing models of development and evolution, labs using fish around the globe are creating communities around new model species – from jawless to cartilaginous to ray-finned and to lobe-finned fishes. The program will cover multiple session topics, an award session for early-career researchers, flash talks and time for networking and discussion.

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PROGRAM – MONDAY, JUNE 8, 2026

All talks will be held in Small Hall

9:00 – 9:15	Welcome by the Organizers
9:15 – 10:30	**Session 1: Major Transitions in Fish Evo Devo**
9:15	Invited Speaker: Idoia Quintana-Urzainqui (NeuroPSI, Paris) *Title TBD*
9:45	Contributed Talk
10:00	Contributed Talk
10:15	Poster Flash Talks (5 minutes x 3)
10:30 – 11:00	**Coffee Break**
11:00 – 11:30	Invited Speaker: Zuzana Musilova (Charles University, CR) *Title TBD*
14:00 – 15:30	**Session 2: The 'Omics of Fish Evo Devo**
14:00	Invited Speaker: Manuel Irmia (CRG, Barcelona) *Title TBD*

14:30	Contributed Talk
14:45	Contributed Talk
15:00	Contributed Talk
15:15	Poster Flash Talks (5 minutes x 3)
15:30 – 16:00	**Coffee Break**
16:00 – 18:00	**Session 3: The Evo Devo of Fish Biodiversity I**
16:00	Invited Speaker: Mari Kawaguchi (Sophia Univ., Tokyo, Japan) *Title TBD*
16:30	Contributed Talk
16:45	Contributed Talk
17:00	Contributed Talk
17:15	Poster Flash Talks (5 minutes x 3)
17:30 – 18:00	Invited Speaker: Sarah McMenamin (Boston College, MA, USA) *Title TBD*

18:00 Dinner (self-organized)

20:00 Informal meet-up for drinks (place TBD)

TUESDAY, JUNE 9, 2026

All talks will be held in Small Hall

9:00 – 10:30	**Session 4: The Evo Devo of Fish Biodiversity II**
9:00	Invited Speaker: Claudius Kratochwil (Univ. Helsinki, Finland) *Title TBD*
9:30	Contributed Talk
9:45	Contributed Talk
10:00 – 10:30	Invited Speaker: Emília Santos (Cambridge Univ., UK) *Title TBD*
10:30 – 11:00	**Coffee Break**

13:30 – 15:30	**Session 5: The Future of Fish Evo Devo**
13:30 – 14:00	Invited Speaker: Manuel Irmia (CRG, Barcelona) *Title TBD*
14:00	ECR Award Talk
14:15	ECR Award Talk
14:30	ECR Award Talk
14:45	ECR Award Talk
15:00 – 15:25	Community Discussion
15:25 – 15:30	Closing Remarks & Awards