



**Poster Session 1**  
**Thursday April 3rd, 2025**  
**12.30 PM - 3.00 PM**

- 03-01** Behavioural phenotyping of adult zebrafish using the open-source software ToxTrac  
Presented by Adriana Campos - Universidade de Fortaleza - Brazil
- 03-02** A new model for studying focal stroke in adult zebrafish  
Presented by Adriana Campos - Universidade de Fortaleza - Brazil
- 03-03** Mapzebrain atlas resource: new and upcoming developments  
Presented by Joseph Donovan - Max Planck Institute for Biological Intelligence - Germany
- 03-04** Skeletal muscle regeneration after extensive cryoinjury of caudal myomeres in adult zebrafish  
Presented by Anna Jazwinska - University of Fribourg - Switzerland
- 03-05** Thyrotropin-Releasing Hormone is the hatching hormone in fish  
Presented by Matan Golan - Hebrew University of Jerusalem - Israel
- 03-06** Exploring the transition of retinal ganglion cell types from larval to adult stage  
Presented by Eva Laurell - Max Planck Institute for Biological Intelligence - Germany
- 03-07** Towards a tectal connectome  
Presented by Dominique Foerster - University of Cologne - Germany
- 03-08** Disrupted Brain Lateralization in Neurodevelopmental Disorders: Insights from Zebrafish and Valproic Acid Exposure  
Presented by Andrea Messina - University of Trento - Italy
- 03-09** Making Functional Neuronal Circuitry: How are Spinal Cord Interneurons with Appropriate Functional Properties Specified During Development.  
Presented by Katherine Lewis - Syracuse University - USA
- 03-10** Investigating Polymorphisms Associated with Skin Hypopigmentation in a Native American Caribbean Population  
Presented by Khai Ang - Penn State College of Medicine - USA
- 03-11** Pgl1-derived peptides as potential therapeutics for ALS: promoting motor neuron survival and delaying disease progression  
Presented by Cheng-Yung Lin - Mackay Medical College - Taiwan
- 03-12** Galectin-3 in Zebrafish: Insights into Arrhythmogenic Cardiomyopathy and Potential Interventions  
Presented by Natascia Tiso - University of Padova - Italy
- 03-13** Regulation of photoreceptor stress responses in diabetic retinopathy  
Presented by Robin Kimmel - University of Innsbruck - Austria
- 03-14** PJA2 ubiquitin ligase in glioblastoma: role in telomere integrity and in cancer cells proliferation  
Presented by Concetta Ambrosino - University of Napoli Federico II - Italy
- 03-15** Deleterious mutations in the NR6A1 gene lead to MRKH syndrome  
Presented by Bernard Peers - Université de Liège - Belgium
- 03-16** Epigenetic Disordering Drives Stemness, Senescence Escape and Tumor Heterogeneity in a Zebrafish Model of Liver Cancer  
Presented by Kirsten Edepli - NYU Abu Dhabi - UAE
- 03-17** Roles of mitochondrial protein Atad3 in visual system development and function  
Presented by Adi Inbal - The Hebrew University of Jerusalem - Israel
- 03-18** Zebrafish Embryo as an Alternative to Evaluate Wastewater Effluent by Mortality and Behavioral Assessment  
Presented by May-Su You - National Health Research Institute - Taiwan
- 03-19** Zebrafish gon4la and gon4lb mutants phenocopy the postnatal growth restriction and artery stenosis found respectively in GON4L-mutated and YY1AP1-mutated patients  
Presented by Yun-Jin Jiang - National Health Research Institute - Taiwan
- 03-20** A new stable transgenic zebrafish line expressing mCherry-tagged human alpha-synuclein in the nervous system and exhibiting all the key features of Lewy body disorders at larval stage  
Presented by Daniela Zizioli - University of Brescia - Italy



**Poster Session 1**  
**Thursday April 3rd, 2025**  
**12.30 PM - 3.00 PM**

- 03-21**      Generating zebrafish models for pathogenicity prediction of retinal disease gene RLBP1.  
Presented by Breandan Kennedy - University College Dublin - Ireland
- 03-22**      Notch-Independent Her6 Differentially Controls Neural Stem Cell States by Switching Notch Signalling Modes  
Presented by Wolfgang Driever - University of Freiburg - Germany
- 03-23**      Dissection of the SOX2 gene regulatory network in the developing visual system  
Presented by Sara Mercurio - University of Milano - Italy
- 03-24**      Correlative light and electron microscopy reveals the fine circuit structure underlying evidence accumulation in larval zebrafish  
Presented by Jonathan Boulanger Weill - Institut de la Vision & Harvard University - France/USA
- 03-25**      Does the Natriurectic peptide C receptor contribute to axial straightening?  
Presented by Feng Quan - Paris Brain Institute- France



Friday April 4th, 2025  
12.30 PM - 3.00 PM

- 04-01** Identification of novel functions for *sox9a* and *sox9b* in brain and neurovascular development  
Presented by Jessika Plavicki - Brown University - USA
- 04-02** Early neuronal calcium signals and emergence of encephalic networks during zebrafish embryogenesis  
Presented by Francesco Vanzi - University of Florence - Italy
- 04-03** In vivo High-throughput Screen reveals Pimozide as positive regulator of cardiomyocyte proliferation  
Presented by Anja Buehler - Ulm University Hospital - Germany
- 04-04** Metabolic Implications of PYGM Deficiency in Zebrafish: A Model for McArdle Disease  
Presented by Marta Migocka-Patrzalek - University of Wroclaw - Poland
- 04-05** Using humanized zebrafish models to investigate the genetic landscape of Progressive Supranuclear Palsy (PSP) in Lebanon: a study in its early stages.  
Presented by Jihane Soueid - American University of Beyrouth - Lebanon
- 04-06** Does the Natriurectic peptide C receptor contribute to axial straightening?  
Presented by Feng Quan - Paris Brain Institute - France
- 04-07** Zebrafish models of defective pseudouridylation provide insights into the etiology of ribosomopathies  
Presented by Maté Varga - ELTE Eötvös Loránd University - Hungary
- 04-08** HDAC8 and HDAC6 combined inhibition: a new frontier in glioblastoma treatment  
Presented by Anna Pistocho - University degli Studi di Milano - Italy
- 04-09** Epithelial dynamics across biological scales – Protecting early development by phagocytosis  
Presented by Estaban Hoiyman - Spanish Research Council - Spain
- 04-10** Therapeutic potential of HDAC8 inhibition and SIRT1 activation in Duchenne muscular dystrophy  
Presented by Alex Pezzota - University degli Studi di Milano - Italy
- 04-11** Tissue-tissue interactions and epithelial remodeling drive the remodeling of the zebrafish nostril  
Presented by Marion Baraban - IBPS, INSERM, CNRS - France
- 04-12** MODELLING RARE RNU4ATAC-ASSOCIATED MICROCEPHALIC SYNDROMES IN ZEBRAFISH  
Presented by Marion Delous - CRNL Lyon - France
- 04-13** Neural mechanisms of corollary discharge and dopaminergic modulation in zebrafish sensorimotor integration  
Presented by Johann Bollmann - University of Freiburg - Germany
- 04-14** Chemically-induced oxidative stress: quantification of reactive oxygen species in zebrafish embryos  
Presented by Harm Heusinkveld - National Institute for Public Health and the Environment, Netherlands
- 04-15** Cytoneme-mediated transport of active Wnt5b/Ror2 complexes  
Presented by Steffen Scholpp - Exeter University - UK
- 04-16** Testosterone acts through the membrane protein GPRC6A to cause cardiac phenotypes in zebrafish embryos  
Presented by Daniel Gorelick - Baylor College of Medicine - USA
- 04-17** Disrupted Brain Lateralization in Neurodevelopmental Disorders: Insights from Zebrafish and Valproic Acid Exposure  
Presented by Andrea Messina - University of Trento - Italy
- 04-18** A Zebrafish Model To Study Prolonged Exposure To Aminoglycoside Antibiotics  
Presented by Alejandro Barrallo - University of Barcelona - Spain
- 04-19** Impact of maternal and zygotic transcripts on mutant *setd5*-driven neurodevelopmental defects in zebrafish.  
Presented by Massimiliano Andreazzoli - University of Pisa - Italy
- 04-20** Hindbrain somatotopy represents lateral line sensor position across body axes relative to flow direction  
Presented by Elias Lundford - Paris Brain Institute - France