

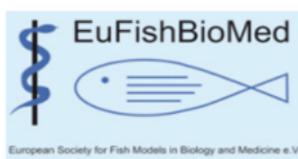
**Wednesday, 28<sup>th</sup> August 2019**

<b>8:30 –17:00</b>	<b>Registration and coffee</b>
<b>9:30 – 12:30</b>	<b><u>Regeneration</u></b> <b>Chair: Thomas Becker</b> (CDBS/ University of Edinburgh)
	<b>Isabelle Manfroid</b> (GIGA-Research/University of Liège, Belgium) <i>“Discovery of somatostatin+ insulin+ bi-hormonal cells during beta cells regeneration in adult zebrafish and implication for diabetes disease”</i>
	<b>Themistoklis Tsarouchas</b> (CDBS/ University of Edinburgh) <i>“Control of pro- and anti-inflammatory cytokines by macrophages is essential for functional spinal cord regeneration in zebrafish”</i>
	<b>Leonardo Cavone</b> (CDBS/ University of Edinburgh) <i>“Direct macrophage to progenitor cell signalling promotes regenerative neurogenesis in the zebrafish spinal cord”</i>
	<b>Magdalena Oremek</b> (CIR/ University of Edinburgh) <i>“The Inflammatory Response in Zebrafish- Live Imaging of Inflammatory Cells”</i>
	<b>Mukesh Lalwani</b> (CVS/ University of Edinburgh) <i>“Increased expression and altered localisation of lncRNA miR143hg in the regenerative zebrafish heart”</i>
<b>12:30 -14:00</b>	<b>Lunch, general registration, exhibitors</b>
<b>14:15</b>	<b>Plenary: Official Opening of the Meeting (Catherina G. Becker)</b>
<b>14:30 – 16:30</b>	<b><u>Analysis of Complex Behaviour</u></b> <b>Chair: Caroline Brennan</b> (School of Biological and Chemical Sciences Queen Mary University of London)
	<b>Barbara D. Fontana</b> (Department of Pharmacy and Biomedical Sciences, University of Portsmouth) – Sponsored by <b>ZANTIKS</b>  <i>“lphn3.1 gene is linked to inattention and impulsivity but not hyperactivity in adult zebrafish (Danio rerio)”</i>
	<b>Caroline H Brennan</b> (School of Biological and Chemical Sciences, Queen Mary University of London) <i>“Forward-genetic screen of gene-breaking transposon (GBT) zebrafish lines identifies genetic factors influencing cognition”</i>
	<b>Christian Tudorache</b> (Institute of Biology, Leiden University) <i>“Coping with the clock - biological clock function is linked to proactive and reactive personality types”</i>
	<b>Feng Quan</b> (Institut du Cerveau et de la Moelle épinière – ICM, Paris) <i>“Somatostatin released by interoceptive neurons in the spinal cord shapes exploration of zebrafish larva”</i>
	<b>Breandán Kennedy</b> (School of Biomolecular and Biomedical Sciences, University College Dublin) <i>“Pharmacological visual cycle inhibition suppresses cone-mediated vision in zebrafish”</i>
<b>16:30 –17:00</b>	<b>Coffee break</b>
<b>17:00 –18:00</b>	<b>Opening Keynote: Claire Wyart</b> (ICM, Paris)
<b>18:00 –19:00</b>	Drinks Reception with posters – odd numbers
<b>19:00 –20:00</b>	Drinks Reception with posters – even numbers - Followed by free evening

Thursday, 29<sup>th</sup> August 2019 - AM

	<b><u>Crispr Cas9 Based Screening Approaches - Auditorium</u></b> <b>Chair: Freek Van Eeden</b> (Bateson Centre/BMS, University of Sheffield)	<b><u>Development – Meeting Rooms 1&amp;2</u></b> <b>Chair: Catherina G. Becker</b> (CDBS/ University of Edinburgh)
<b>8:30 – 10:45</b>	<b>Erika Kague</b> (School of Physiology, Pharmacology and Neuroscience Biomedical Sciences, University of Bristol) <i>“Rapid parallel platform for functional screening of Osteoarthritis associated genes”</i>	<b>Jeanette Johansson</b> (IGMM, University of Edinburgh) <i>“PRL3 dependent transcriptional elongation regulates melanocyte stem cell differentiation”</i>
	<b>Ryan Macdonald</b> (Bateson Centre/BMS, University of Sheffield) <i>“Exploring molecular mechanisms of glial morphogenesis in the zebrafish retina”</i>	<b>Kaska Koltowska</b> (IGP, Uppsala University) <i>“Molecular and cellular regulation of lymphatic endothelial cell proliferation”</i>
	<b>James Minchin</b> (CVS, University of Edinburgh) <i>“CRISPR screening in zebrafish to identify novel regulators of body weight”</i>	<b>Chiara Gabellini</b> (Department of Biology, University of Pisa) <i>“CRISPR/Cas9-induced inactivation of the autism risk gene setd5 leads to neurotransmission-associated gene alterations and social impairments in zebrafish”</i>
	<b>Marcus Keatinge</b> (CDBS/ University of Edinburgh) <i>“Highly efficient CRISPR screening identifies critical regulators of spinal cord repair in zebrafish”</i>	<b>Hannah Brunson</b> (MRC/ IGMM University of Edinburgh) <i>“ALDH2 regulates the melanocyte stem cell lineage”</i>
<b>10:45 -11:15</b>	<b>Coffee break</b>	
<b>11:15 – 13:00</b>	<b>Crispr Cas9 Based Strategies in Zebrafish - Base Editing, Crispr Interference, Tissue Specific KO</b> <b>Chair: Marcus Keatinge</b> (CDBS/ University of Edinburgh)	
	<b>Federico Tessadori</b> (Hubrecht Institute for Developmental Biology and Stem Cell Research) <i>“CRISPR/Cas9-based nucleotide editing in zebrafish to model human cardiovascular disorders”</i>	
	<b>Filippo Del Bene</b> (Institut Curie - Paris) <i>“Human genetic cancer mimicry in zebrafish through somatic base editing”</i>	
	<b>Stone Elworthy</b> (The Bateson Centre, University of Sheffield) <i>“APDS1 models generated using CRISPR-Cpf1 and CRISPR-Cas9 precise gene editing”</i>	
	<b>Jenea Bin</b> (CDBS/ University of Edinburgh) <i>“Cell-type Specific Crispr/Cas9 in Zebrafish to Dissect Novel Gene Function in Myelinated Axon Development”</i>	
<b>13:00 –14:30</b>	<b>Lunch/ Posters - Odd numbers / Exhibition</b>	

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Thursday, 29<sup>th</sup> August 2019 – PM

	<b><u>Neurodegeneration - Auditorium</u></b> <b>Chair: Helena Chaytow</b> (CDBS, University of Edinburgh)	<b><u>Cancer – Meeting Rooms 1&amp;2</u></b> <b>Chair: Marta Popovic</b> (Institute Ruder Boskovic, Zagreb)
<b>14:30 – 16:30</b>	<b>Jack Joseph Stoddart</b> (HGU/ IGMM, University of Edinburgh) <i>“An in vivo and behavioural study of ALS-associated protein, TDP-43 in transgenic zebrafish”</i>	<b>Dirk Sieger</b> (CDBS/ University of Edinburgh) <i>“Using larval zebrafish to understand the role of microglia during brain tumour initiation”</i>
	<b>Kazuhiko Namikawa</b> (TU Braunschweig) <i>“Neurodegenerative disease modeling of Spinocerebellar Ataxia Type 13 using a Purkinje neuron specific tunable co-expression system in zebrafish”</i>	<b>Marta Popovic</b> (Institute Ruder Boskovic, Zagreb) <i>“Deciphering DNA-Protein Crosslink Repair in vivo using zebrafish model”</i>
	<b>Hannah Larbalestier</b> (SITraN, University of Sheffield) <i>“Characterisation of Parkinson’s Disease gene, GCH1, in zebrafish”</i>	<b>Yi Feng</b> (MRC/ CIR, University of Edinburgh) <i>“Inflammation and cancer progression in the zebrafish”</i>
	<b>Mohamed Elsaey</b> (Braunschweig Technical University) <i>“Zebrafish transgenic model for SCA1 through overexpression of the human pathological ATXN”</i>	<b>Margo Dona</b> (Radboud UMC, Nijmegen) <i>“Generation and functional characterization of a zebrafish sdhb knock-out model”</i>
	<b>Noémie Hamilton</b> (The Bateson Centre, University of Sheffield) <i>“A zebrafish model of a childhood leukodystrophy reveals saturated microglia as the first marker of pathology”</i>	
	<b>Oliver Bandmann</b> (SITraN, University of Sheffield) <i>“Loss of acid sphingomyelinase ameliorates disease progression in a vertebrate model of Glucocerebrosidase deficiency”</i>	
<b>16:30 – 17:00</b>	<b>Coffee break</b>	
<b>17:00 – 18:00</b>	<b>Plenary Lecture: Didier Stainier (MPI Bad Nauheim)</b>	
<b>18:30</b>	<b>Transfer to Dynamic Earth, Holyrood Rd, Edinburgh EH8 8AS</b>	
<b>19:00 – 20:00</b>	<b>Reception at Dynamic Earth</b>	
<b>20:00 – 23:00</b>	<b>Conference Dinner</b>	



Friday, 30<sup>th</sup> August 2019

	<b>Insights from imaging</b>	
	<b>Chair: Karuna Sampath</b> (WMS, University of Warwick)	
<b>9:00 – 10:30</b>	<b>Finn Bruton</b> (CVS, University of Edinburgh) <i>“Hybrid optical gating for day-long 3D time-lapse imaging of the beating embryonic zebrafish heart”</i>	
	<b>Francois Waharte</b> (CDBS/ University of Edinburgh) <i>“A low-cost and easy-to-use visual stimulation system for imaging neuronal activity in the Zebrafish larvae”</i>	
	<b>Scott Clarke</b> (MOAC Doctoral Training Centre, Warwick University) <i>“3D Spatial Reorganisation of The Cytoskeleton Supports Zebrafish Cytokinesis”</i>	
	<b>Michael Smutny</b> (CMCB/ WMS, Warwick University) <i>“Understanding cell behaviour by imaging morphogenetic movements”</i>	
	<b>Tanya Whitfield</b> (The Bateson Centre, University of Sheffield) <i>“Imaging the zebrafish inner ear: morphogenesis throughout the lifecourse”</i>	
<b>10:30 -11:00</b>	<b>Coffee break</b>	
<b>11:00 – 12:30</b>	<b>Gene expression analysis – Meeting Rooms</b>	<b>Chemical Screening - Auditorium</b>
	<b>Chair: Michael Smutny</b> (CMCB, University of Warwick)	<b>Chair: Jason Early</b> (CDBS/ University of Edinburgh)
	<b>Dimitrios K. Papadopoulos</b> (HGU/ IGMM, University of Edinburgh) <i>“Study of transcription factor molecular events during vertebrate genomic awakening”</i>	<b>Jason Early</b> (CDBS/ University of Edinburgh) <i>“Phenotypic screening with VAST at Edinburgh University”</i>
	<b>Jana Travnickova</b> (MRC/ IGMM University of Edinburgh) <i>“MITF-low zebrafish melanomas reveal transcriptional signature subdivisions and cellular subpopulations of residual disease in vivo”</i>	<b>Jan de Sonnevile</b> (Life Science Methods BV) <i>“Automation of injection and imaging for a diabetes type 2 zebrafish screen”</i>
	<b>Marianne Voz</b> (ZDDM/GIGA, Belgium) <i>“Transcriptomic analysis of pancreatic and intestinal endocrine cells in wild type and pax6 mutant reveals a common gene regulatory network”</i>	<b>Nils Klüver</b> (Helmholtz Centre for Environmental Research GmbH – UFZ, Leipzig) <i>“The FishInspector: an image-based platform for the assessment of morphological features of zebrafish embryos in toxicity screens”</i>
	<b>Phong Nguyen</b> (Hubrecht Institute, Utrecht ) <i>“Investigating the interaction between cardiac subpopulations during adult cardiac regeneration”</i>	<b>Sarah Baxendale</b> (The Bateson Centre, University of Sheffield) <i>“Identification of compounds that rescue otic and myelination defects in the zebrafish adgrg6 (gpr126) mutant”</i>
	<b>Shipra Bhatia</b> (MRC/ IGMM University of Edinburgh) <i>“Live imaging assays for assessing functional relevance of noncoding region mutations in genetic disorders”</i>	
<b>12:30 – 14:00</b>	<b>Lunch/ Posters - Even numbers / Exhibition</b>	
<b>14:00 – 15:30</b>	<b>EUFishBioMed e.V. Annual Society Meeting – Community Session - Poster prize announcement</b>	
<b>15:30 – 16:30</b>	<b>Closing Keynote: Jennifer Li, Drew Robson, RoLi Lab, Rowland Institute, Harvard University</b>	
<b>16:30 –17:15</b>	<b>Final remarks, feedback, Meeting Close</b>	

The meeting will be held at the Royal College of Physicians of Edinburgh, 9 Queen Street, Edinburgh EH2 1JQ