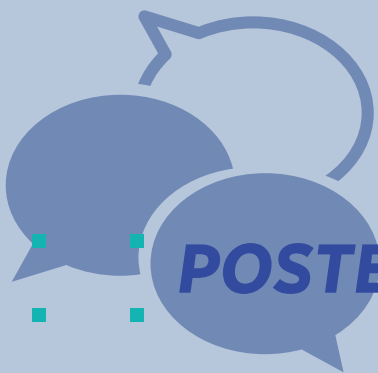


GERMAN FISH MODEL RESEARCH MEETING

Heidelberg, Germany

September 16 - 18, 2026



POSTERS SESSIONS



**Center for
Organismal Studies
Heidelberg**

Poster

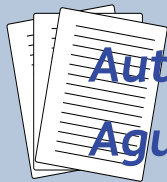
Wednesday 16th September
Day 1

7:10 PM - 9:00 PM

16-1

The interplay between developmental timing and tissue morphogenesis in teleost early embryogenesis

Presented by Jun-Ru Lee - European Molecular Biology Laboratory Heidelberg

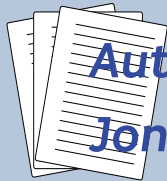


Authors : Jun-Ru Lee, Tanvi Falodiya, Magdalena Schindler, Adrian Aguirre-Tamaral, Alexander Aulehla, Nicoletta Petridou

16-2

An Integrated Zebrafish Platform for Anti-Infective Discovery, Toxicity Assessment, and Translational Research

Presented by Carole Baumann - HIPS Saarbrücken

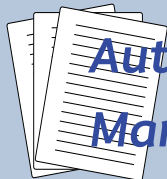


Authors : Carole Baumann, Sari Rasheed, Franziska Fries, Felix Deschner Jonas Baumann Timo Risch, Mayukh Bhattacharyya, Rolf Müller, Jennifer Herrmann

16-3

The African turquoise killifish as a preclinical model for drug discovery in aging and regeneration

Presented by Caroline Zandecki - Ku Leuven - Leuven Belgium

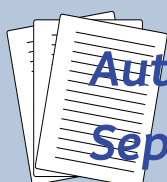


Authors : Annelii Ny, Caroline Zandecki, Ilayda Piskin, Valerie Mariën, Juhi Jain, Lut Arckens

16-4

Deciphering the Molecular Logic of Neurogenesis in the Zebrafish Spinal Cord – With Focus on the V2-domain

Presented by Sabrina Pfitsch - IBCS-BIP, Karlsruhe



Authors : Sabrina Pfitsch, Mehmet Ilyas Cosacak, Melina Köhler, and Sepand Rastegar

Poster

Wednesday 16th September
Day 1

7:10 PM - 9:00 PM

16-5

Electrical stunning as a humane euthanasia alternative
Presented by Aristides Arrenberg - Universität Tübingen

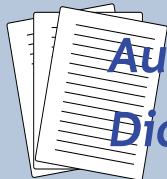


Authors : D.-S. Burkhardt, K. Schultz, S. Kraiss, C. Leyden C. Thomas, C. Brysch, M. Glaser, N. Fischer¹, F. A. Dehmelt, H.-R. Köhler, R. Triebkorn, A. Arrenberg

16-6

IL-11 signaling couples transcriptional and epigenetic stromal cell reprogramming to enable cardiac regeneration and suppresses scar formation.

Presented by Rama Mausam - Justus Liebig University

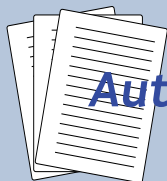


Authors : Mausam Rana, Mette Bentsen, Srinivas Allanki, Nizam Ahmed, Didier Stainier, Mario Iosif, Samuel Sossalla, S. Reischauer

16-7

Deciphering the molecular mechanisms underlying successful brain regeneration in zebrafish

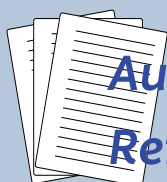
Presented by Mathilde Hoareau - KIT Karlsruhe



Authors : Mathilde Hoareau and Sepand Rastegar

16-8

Restraining Inflammation to enable Regeneration: Junb as a key Il11-Stat3 effector in the zebrafish (Danio rerio) tissue regeneration model
presented by Eric Bienert - Justus Liebig University Giessen



Authors : E. Bienert, J. Ishaque, S. Allanki, A. Beisaw, S. Sossalla, S. Reischauer

Poster

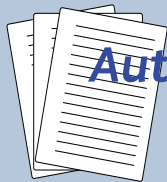
Wednesday 16th September
Day 1

7:10 PM - 9:00 PM

16-9

Simultaneous chromatin accessibility and transcriptomic profiling of Neural Crest Cells in zebrafish and medaka using SHARE-seq

Presented by Antonia Hauth - COS University Heidelberg

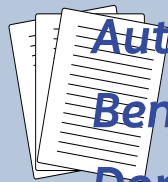


Authors : Antonia Hauth, Merve Cetiner, Lauren Saunders

16-10

Genetic variation shapes developmental diversity across medaka strains at single-cell resolution

Presented Bettina Welz - EMBL Heidelberg

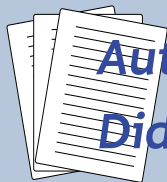


Authors : Bettina Welz, Jess Bourn, Sophie Kneeshaw, Jøergen Benjaminsen, Lucie Zilova, Ewan Birney, Jochen Wittbrodt, Michael Dorrity

16-11

Investigating the role of fibroblast genes at the onset of cardiac fibrosis in zebrafish

Presented Sofia Papadopoulou - Max Planck Institute for Heart and Lung Research - Bad Nauheim

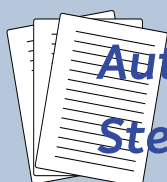


Authors: Sofia Papadopoulou, Marco Tarasco, Pia R. Lundegaard, Didier Y. R. Stainier

16-12

Divergent IL-11 and IL-6 signalling shape cardiac injury outcomes in regenerative vs. non-regenerative vertebrates

Presented by Amrutha Manikandan - Justus Liebig University - Giessen



Authors : Manikandan. Amrutha, Poling. Jochen, Esteve. LC, Günther. Stefan, Sossalla. Samuel, Szymanski. Witold, Zhatarova. Zhanetta , Graumann. Johannes, Reischauer. Sven

Poster

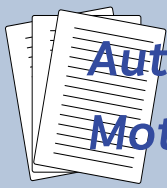
Wednesday 16th September
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7:10 PM - 9:00 PM

16-13

Medaka Embryonic Stem Cells Spontaneously Acquire Retinal or Forebrain Fate Without Directed Differentiation

Presented by Chiau-Yuan Hsu - COS - University Heidelberg

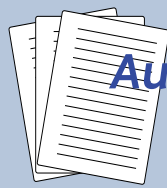


Authors : Chiau-Yuan Hsu, Lucie Zilova, Shogo Nagai, Steven P. Armes, Motomu Tanaka, Joachim Wittbrodt

16-14

Simultaneous dual-fate mapping to resolve convergent differentiation in vivo

Presented by Mirjam Layer - COS - University Heidelberg



Authors : Mirjam Layer, Linsha Kochsiek, Lauren Saunders

16-15

Deciphering the molecular mechanisms underlying successful brain regeneration in zebrafish

Presented by David Czimer - ELTE Eötvös Loránd University, - Hungary

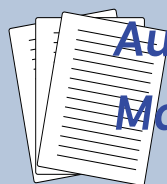


Authors : Dávid Czimer, Josef Bryja, Nóra Szabó, Fiona Sophie Klusmann, Viktória Parobková, Erika Fodor, Petra Čermáková, Markéta Tesařová, Kata Szabó, Tomáš Zikmund, Jozef Kaiser, Ádám Miklósi, Peter Fabian and Máté Varga

16-16

Role of rRNA genes in N. furzeri aging to: Modulation of RNA Polymerase I activity and its effects in killifish

Presented by Anastasija Kovačević - Leibniz-Institut für Alternsforschung - Jena



Authors : Anastasija Kovačević, Nathalie Thubauville, Maryam Badamaki, Holger Bierhoff, Christoph Englert.

Poster

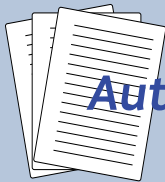
Wednesday 16th September
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16-17

Circadian Control of Cholesterol Metabolism in Glioblastoma

Presented by Rima Siauciunaite- KIT Karlsruhe



Authors : Dr. Rima Siauciunaite

16-18

Imaging Cellular Dynamics in Zebrafish: From Cytotoxicity to Therapeutic Uptake

Presented by Eliana Stanganello - TRON GmbH Mainz

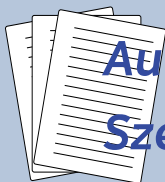


Authors : Alessandro Consorte, Marvin Hubert, Yannick Ehlers, Larissa Launhardt, Eliana Stanganello

16-19

Akr1a1a Deficiency Promotes Age-Dependent, Organ-Specific Tissue Alterations in Zebrafish

Presented by Xynian Liu - Heidelberg University

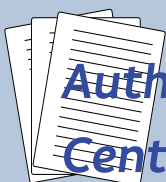


Authors : Xinyan Liu, Thomas Fleming, Katrin Bennewitz, Julia Szendroedi, Jens Kroll

16-20

Molecular-scale analysis of the cellular behavior and plasticity of donor and host cells revealed by inter-species chimeras in fish

Presented by Diego Andrade-Brito - COS, University Heidelberg



Authors : Diego Andrade-Brito , Rebecca Kern, Merve Çetiner, Lazaro Centanin, Lauren M. Saunders

Poster

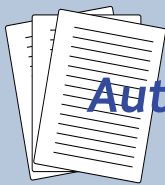
Wednesday 16th September
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16-21

Development Without Constraints: Fish Organoids as Testbeds for Alternative Developmental Pathways

Presented by Lucie Zilova - COS, University Heigelberg

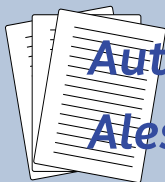


Authors : Lucie Zilova

16-22

Shared molecular signatures between diapause II and aging in killifish Nothobranchius furzeri suggest aging during diapause II

Presented by Danila Voronov - Leibniz Institute on Aging, Jena

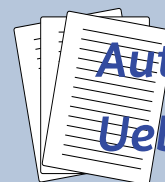


***Authors : Danila Voronov, Sezin Akkus, Irene Gravili, Debdas Paul ,
Alessandro Cellerino***

16-23

Zebrafish as an efficient personalised disease model for PRDM16-related cardiomyopathy

Presented by Asalbanoo Farahvashi - Universitätsklinikum Schleswig-Holstein- Kiel

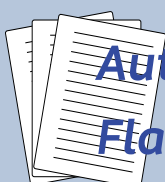


***Authors : Farahvashi.A, Plovie.E. R, Musso.G, Werdich.A. A, Klaassen.S,
Uebing.A, MacRae.C. A, Hitz.M.-P, Panáková.D, Kahlert.A.-K***

16-24

In Vivo Modeling of MRKH Syndrome Using nr6a1a/b Mutant Zebrafish

Presented by Romane Vanhaeren - University of Liège - Belgium



Authors : Romane Vanhaeren, Manon Dohet, Adeline Jacquinet, Lydie Flasse, Frédéric Kerff, Bernard Peers

Poster

Wednesday 16th September
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16-25

Single-Cell Cross-Species Profiling identifies Conserved Transcriptional Networks in Early Pancreatic Tumourigenesis

Presented by Colin Lolos - GIGA Liège, Belgium

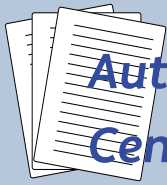


Authors : Colin Lolos, Chiara Goossens, Ana Lopez-Perez, Maurijn Kessels, Elisa Deom, Noella Bletard, Bernard Peers, Lydie Flasse, Marianne Voz

16-26

Cell autonomy, plasticity and patterning evolution: fish ionocytes as an experimental paradigm

Presented by Javier Vazquez-Main - COS, University Heidelberg

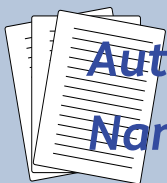


Authors : Javier Vazquez-Marin, Valerie Christ, Jannis Speer, Lazaro Centanin

16-27

Autophagosome-lysosome fusion impairment triggers secretory autophagy in Spinocerebellar Ataxia Type 13 disease models

Presented by Xinyue Wang - IZN TU Braunschweig

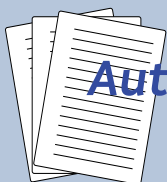


Authors : Xinyue Wang, Jennifer Plate, Reinhard W. Köster, Kazuhiko Namikawa

16-28

Corticotropin Releasing Hormone signaling in the larval zebrafish cerebellum

Presented by Melissa Comstock - TU Braunschweig



Authors : Melissa Comstock, Reinhard W. Köster

Poster

Wednesday 16th September
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16-29

Functional assessment of biomarkers for disruption of the retinoic acid signaling pathway in zebrafish embryos using CRISPR-based knockdown of nuclear receptors

Presented by Vanessa Saalman - Helmholtz Zentrum für Umweltforschung, Leipzig

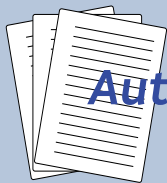


***Authors : Sanjeev Thirumaran , Vanessa Saalman, Bingxu Chen,
Tamara Tal , Stefan Scholz***

16-30

Single-cell characterization of cell fate decisions in a ribosomopathy model

Presented by Arish Shah - COS, University Heidelberg



Authors : Arish Shah, Merve Çetiner, Lauren Saunders

16-31

Accelerated Early Vascular Aging in the Turquoise Killifish: From Morphological Remodeling to Degenerative Mineralization

Presented by Quincy Van den Bosch - RWTH Uniklinik Aachen

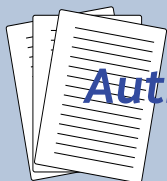


Authors : Q.C.C. van den Bosch, T.P.P. van den Bosch, M. Baumgart, A. Richter, B. Hoppe, G. Fazzi, M. Donners, M. Gijbels, J. Sluimer

16-32

Interleukin-11 as a Regulator of Redox Signaling During Zebrafish Tissue Regeneration

Presented by Mohammed Lukman Rafi



Authors : Mohammed Lukman Rafi, Samuel T Sossalla, Sven Reischauer

Poster

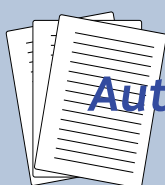
Wednesday 16th September
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16-33

Loss of Traf7 attenuates the proliferative capacity of cardiomyocytes

Presented by Bernd Gahr - Molecular Cardiology, Department of Internal Medicine II, University Hospital Ulm

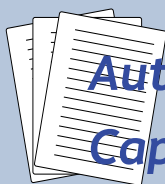


Authors : Bernd M. Gahr, Lisa Griesinger, Steffen Just

16-34

Polystyrene Microplastics (PS-MPs) May Modulate Appetite Regulation and Metabolic Homeostasis in Zebrafish under different feeding conditions: Could These Alterations Contribute to an Obesogenic Response?

Presented by Sabine Afsa - University of Messina - Italy

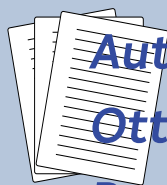


Authors : Sabine Afsa, Mariachiara Galati, Marialuisa Aragona, Tiziana Cappello, Antonino Germanà

16-35

Promoter-level annotation of the adult zebrafish regulatory landscape using CAGE-seq

Presented by Marta Bošnjaković

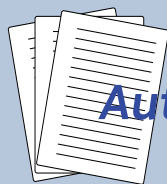


Authors :Marta Bošnjaković, Qianhong Guan, Cecile Françoise Eleonore Otten, Marta Popović, Bojan Žunar, Boris Lenhard, Ferenc Mueller, Damir Baranašić

16-36

Multi-Organ Toxicity Screening of Drug Candidates Using Transgenic Zebrafish

Presented by Jonas Baumann -



Authors : J. Baumann[, C. Baumann, R. Müller , J. Herrmann

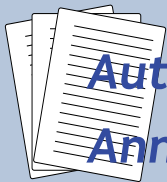
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16-37

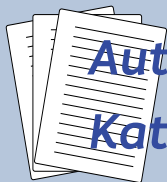
*Mapping non-coding functional elements in allotetraploid *Cyprinus carpio* embryo development reveals subgenome variation of transcription regulation*
Presented by Alba Madrero-Pardo - Ruđer Bošković Institute



Authors : Ada Jimenez-Gonzalez, Alba Madrero-Pardo, Yavor Hadzhiev, Annemiek Blasweiler, Bojan Zunar, Zsolt Csenki-Bakos, Tamás Müller, Hendrik-Jan Megens, Geert Frits Wiegertjes, Boris Lenhard, Damir Baranasic, and Ferenc Müller

16-38

SIntegrating spatial transcriptomics and live imaging to resolve extrinsic drivers of cranial neural crest fate
Presented by Sophia Levitskaja - Max Delbrück Center, Berlin



Authors : Sophia Levitskaja, Dr. Silke Johanna Anna Lochs, Dr. Anna Katharina Klaus & Prof. Dr. Jan Philipp Junker

Poster

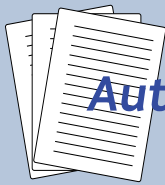
Thursday 17th September
Day 2

5:10 PM - 7:00 PM

17-01

Investigating the gene regulatory code of zebrafish craniofacial cartilage development through CUT&Ta

Presented by Julian Rebentisch - COS, University Heidelberg

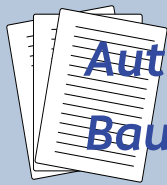


Authors : Julian Rebentisch, Antonia Hauth, Lauren Saunders

17-02

Decoding craniofacial structure variation and genetic dependencies using the Medaka Inbred Kiyosu-Karlsruhe Panel

Presented by Zixuan Huo - COS, University Heidelberg

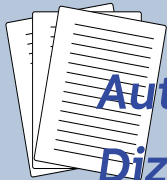


Authors : Zixuan Huo, Joergen Benjaminsen, Joachim Wittbrodt, Tilo Baumbach, Lauren Saunders

17-03

Establishment of a 3D culture system to investigate mechanisms and discover novel molecules that promote cardiomyocyte invasion of fibrotic scar tissue

Presented by Alina Bektimirova - Institute of Experimental Cardiology - Heidelberg

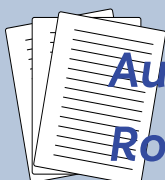


Authors : Alina Bektimirova, Florian Constanty, Linda Decker, Alba Diz-Muñoz, Arica Beisaw

17-04

Washc4 Maintains Cardiac Cellular Homeostasis and Mitochondrial Function During Aging in Zebrafish

Presented by Deung-Dae Park - University of Ulm



Authors : Deung-Dae Park, Sujin Kim, Amelia Ann Glazier, Wolfgang Rottbauer, Steffen Just

Poster

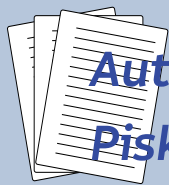
Thursday 17th September
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5:10 PM - 7:00 PM

17-05

A killifish-based in vivo screening platform identifies promising anti-aging compounds

Presented by Caroline Zandecki - KU Leuven , Belgium

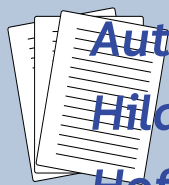


Authors : Caroline Zandecki, Florian Hong Tuan, Leon Mijer, Ilayda Piskin, Valerie Mariën, Lieve Moons, Annelii Ny, Bert Lagrain, Lut Arckens

17-06

Assessing retinal regeneration across medaka COS-MIKK panel lines with contrasting nervous system repair capacities

Presented by Laura Herrera Astorga - COS, Heidelberg



Authors : Laura Herrera Astorga, Jana Fuss, Marie Treppke, Emily Hildebrandt, Julian Rebentisch, Beate Wittbrodt, Florian Feltz, Gero Hofmann, Anabel Fernàndez, Joachim Wittbrodt

17-07

Evolution of light-regulated transcriptional control in vertebrates

Presented by Daniela Vallone - IBCS-BIP KIT Karlsruhe

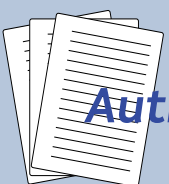


Authors : Daniela Vallone, Alessandra Boiti, Hanna Weber , Yuhang Hong , Rima Siauciunaite, Sebastian Gornik, Haiyu Zhao, Nicholas S. Foulkes

17-08

Exploring the interplay between tempo and reproducibility in embryonic development

Presented by Vesta Petrašiūnaitė - EMBL, Heidelberg



Authors : Vesta Petrašiūnaitė, Michael William Dorrity

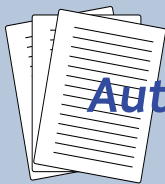
Poster

Thursday 17th September
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17-09

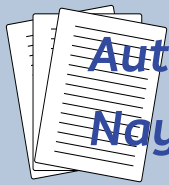
In Vivo Small Molecule Screen Identifies Calcium Channel Inhibition as a Regulating Cue for Cardiomyocyte Proliferation and Heart Size
Presented by Anja Bühler - Ulm University Hospital



Authors : Anja Bühler

17-10

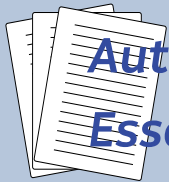
Postovulatory oocyte aging disrupts early embryonic development and germline formation via oxidative stress in zebrafish
Presented by Essaikiammal Konar - University of South Bohemia in Ceske Budjevoice



Authors : Essaikiammal Sodalai Muthu Konar, Linan Gao, Rigolin Nayak, Radek Sindelka, Roman Franek, Martin Psenicka

17-11

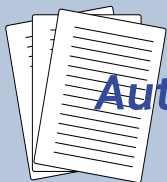
Morphological and molecular signatures of ovarian aging in zebrafish
Presented Aaron Alejandro Torres Martinez - University of South Bohemia in Ceske Budjevoice



Authors : Aarón Torres-Martínez, Tomáš Tichopád, Román Franěk, Essaikiammal Konar, Martin Pšenička

17-12

The role of Tbx20 signaling during the specification of hematopoietic stem and progenitor cells
Presented by Nadja Groos - Philipps University Marsburg



Authors : Nadja Groos, Jean Eberlein, Christian S.M. Helker

Poster

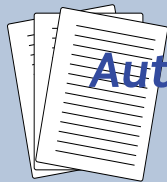
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17-13

The naturally clonal Amazon Molly (Poecilia formosa) as a model species in ecology and evolution

Presented by David Bierbach - Humboldt University zu Berlin

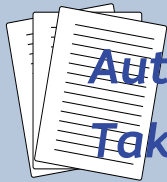


Authors : Dr. David Bierbach

17-14

Improvement of the recipient strain for germ cell transplantation in medaka cryopreservation

Presented by Masaru Matsuda, Utsunomiya University, Japan

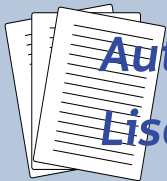


Authors : Wataru Kawamura, Masaru Matsuda, Kiyoshi Naruse and Takeshi Kitano

17-15

Neural and glial cells development in Zebrafish Embryos as an Endpoint of Thyroid-related Developmental Neurotoxicity

Presented by Elise Pesce - Vrije University Amsterdam, NL

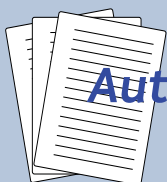


Authors : Elise Pesce , Trinity Dirckx , Nathalie Hendriks , Peter Cenijn, Lisa Baumann

17-16

Understanding cell-specific proteostasis under temperature stress conditions in zebrafish embryos

Presented by Luis Hernandez Huertas - EMBL Heidelberg



Authors : Luis Hernández-Huertas¹, Michael W. Dorrity

Poster

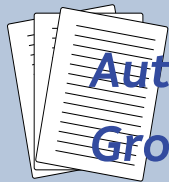
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17-17

Characterizing the age-related neuromuscular decline in short-lived African Turquoise Killifish

Presented by Ilayda Piskin - KU Leuven, Belgium



Authors : Ilayda Piskin, Wouter De Jonghe, Caroline Zandecki, Lies de Groef, Ludo Van Den Bosch, Lut Arckens

17-18

Early intestinal macrophage populations shape the establishment of oral tolerance to dietary antigens

Presented by Carmen Feijoo - Andres Bello University - Chile

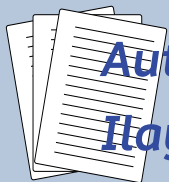


Authors : Cristian Reyes, Yalen del Rio, Daniel Nahuel, Michelle Pfister, Jorgen Benjaminsen, Jochen Wittbrodt, Carmen G.Geijoo

17-19

The short-lived killifish as a model to study age-related changes in brain advanced glycation end products and proteostasis

Presented by Océane Vanonckelen - KU Leuven Belgium



Authors : Océane Vanonckelen, Caroline Zandecki, Valérie Mariën, Ilayda Piskin, Juhi Jain, Kristiaan Wouters, Casper Schalkwijk, Benoit Guillaume, Ann Massie, Lut Arckens

17-20

Early development of the Pacific saury (Cololabis saira) and implications for comparative developmental biology

Presented by Rie Kusakabe - Kansai University, Osaka Japan



Authors : Rie Kusakabe, Makoto Goda, Shinya Yamauchi, Shigehiro Kuraku

Poster

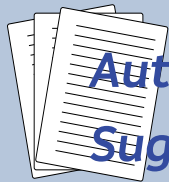
Thursday 17th September
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17-21

Apelin signaling acts as a molecular switch between endothelial and hematopoietic stem cell fates

Presented by Jean Eberlein - Marburg University



Authors : Jean Eberlein, Nadja Groos, Navina Shrestha Duwal, Wade W. Sugden, Trista E. North, Christian S.M. Helker

17-22

Buc2l Drives Higher-Order Germplasm Assembly in Zebrafish via a Conserved Tandem Repeat Region

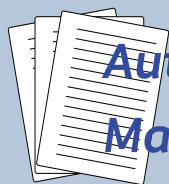
Presented by Fiona Carey - IMB - Mainz



Authors : Fiona Carey, Miguel Andrade, Martin Möckel, Walter Bronkhurst, Elke Roovers, Yasmin El Sherif, René Ketting

17-23

Investigating the Mechanisms Underlying Interspecies Chimerism in Teleost
Presented by Snigdha Bhardwaj - COS, Heidelberg

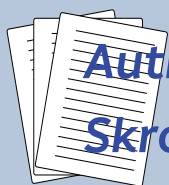


Authors : Snigdha Bhardwaj, Rüya Sahin, Valerie Christ, Javier Vazquez Marin, Lazaro Centanin

17-24

Nile Tilapia – a species of worldwide aquaculture as a versatile model for molecular reproductive biology

Presented by Frank Pfennig - TU Dresden



Authors : Deepali Rahi Roy, Michelle Thönnies, Rebecca Prause, Jana Skrobánek, Josephin Eckart, Sebastian Pötzsch, Annekathrin Keiler, Alexander Froschauer and Frank Pfennig

Poster

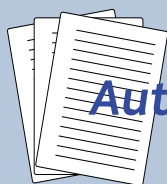
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17-25

Modulation and characterisation of Tunneling Nanotubes in vitro and in Zebrafish embryo

Presented by Maria Alexandra Giannopoulou - Tron translational Oncology Mainz

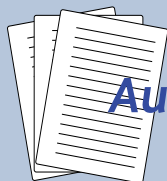


Authors : Maria Alexandra Giannopoulou, Eliana Stanganello

17-26

Endocrine disruption of zebrafish olfactory system development

Presented by Clara Kempkens - Vrije University , NL

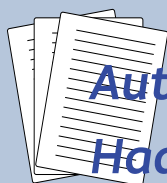


Authors : Clara Kempkens, Elise Pesce, Nathalie Hendriks, Lisa Baumann

17-27

Development of a high-content analysis workflow to screen the effect of endocrine disrupting chemicals on macrophages and enteric neurons in transgenic zebrafish embryos

Presented by Elena Nicolay- UFZ Leipzig

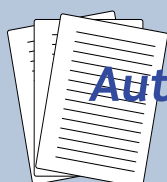


Authors : Elena K. Nicolay, Darya Trofimova, Riccardo Massei Robert Haase, Fabian Isensee, Ana C. Zenclussen, Tamara Tal

17-28

Interleukin-11 as a Regulator of Redox Signaling During Zebrafish Tissue Regeneration

Presented by Rafi Lukman – Justus Liebig University, Giessen



Authors : Mohammed Lukman Rafi, Samuel T Sossalla, Sven Reischauer

Poster

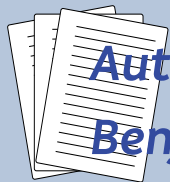
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17-29

Single-cell mapping of heterochrony to a species-specific phenotype

Presented by Jess Bourn - EMBL Heidelberg

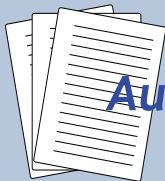


Authors : Jess Bourn, Simon Knoblich, Sophie Kneeshaw, Joergen Benjaminsen, Lucie Zilova, Alexander Aulehla, Lauren Saunders, Joachim Wittbrodt, Ewan Birney, Michael Dorrity

17-30

Fbxo5 knock-out highly affects early cardiogenesis in zebrafish

Presented by Laura Mayer - University Hospital Ulm

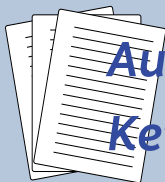


Authors : Laura Mayer, Bernd Gahr, Steffen Just

17-31

Assembling the Balbiani body: Alg13 and its links to translational repressor regulation

Presented by Joanna Michowicz - Institute of Molecular Biology, Mainz

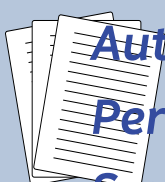


Authors : Joanna Michowicz, Yasmin El Sherif, Laura Lorenzo-Orts, René Ketting

17-32

Automated multi-channel fluorescence screening of zebrafish larvae using a novel benchtop platform (Sortivo™)

Presented by Arsenii Dmitriev - Bionomous Switzerland



Authors : Ana Hernando, Etienne Pollet, Yann Brunner¹ Maxence Perret, Antoine Oberson, Arsenii Dmitriev, Baptiste Marquignaz, Sepand Rastegar, Frank Bonnet

Poster

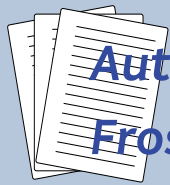
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17-33

*Conjoined twinning by fission and fusion in *Oryzias latipes**

Presented by Alexander Froschauer - Technische Universität Dresden, Dresden

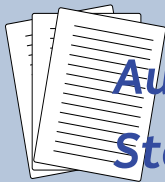


Authors : Konrad Skowronek, Lukas Strobel, Frank Pfennig, Alexander Froschauer

17-34

FDissecting the role of Smarce1 overexpression in adult zebrafish heart during regeneration

Presented by Christian Schöllhorn - Uniklinik Ulm

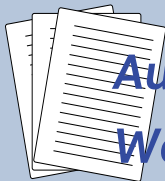


Authors : Christian Schöllhorn, Deung-Dae Park, Wolfgang Rottbauer, Steffen Just

17-35

The aging brain accumulates pro-inflammatory lipids, which can be mitigated by long-term Licofelone treatment

Presented by Leonhard Kuhlmann - Leibniz Institute on Aging - FLI Jena

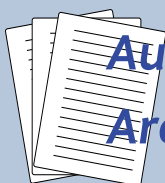


Authors : Leonhard Kuhlmann, Patrick Schädel, Mario Baumgart, Oliver Werz, Dennis E.M. de Bakker

17-36

Quantitative trait locus analysis reveals the genetic architecture underlying changes in cell composition during killifish brain aging

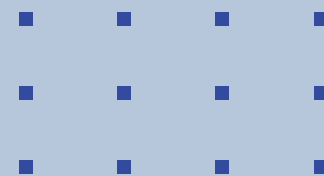
Presented by Abhishek Patel - Leibniz Institute on Aging - FLI Jena



Authors : Abhishek Patel, Jing Lu, Melike Dönertas, Rob Williams, Danny Arends, Dario Valenzano, Dennis de Bakker

Poster

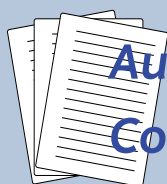
Thursday 17th September
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17-37

The Zebrafish Model as a New Approach Methodology (NAM) for Multi-Toxicity Assessment of Aromatic Lignin-Derived Alternatives to Substances of Concern
Presented by Marie Pardon - KU Leuven, Belgium

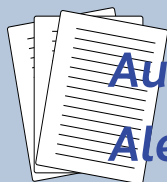


Authors : Marie Pardon, Manou Vandaele, Anneli Ny and Daniëlle Copmans

17-38

Multi-photon autofluorescence lifetime imaging microscopy (MP-FLIM) for non-invasive and live metabolic characterization of type A spermatogonia in medaka testis

Presented by Frank Pfennig - TU Dresden



Authors : Mario Günscht, Cornelia Wetzker#, Klaus Reinhardt#, Alexander Froschauer and Frank Pfennig