

Poster

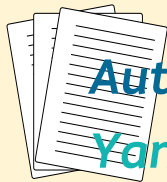
Wednesday 29th October
Day 1

6:30 PM - 9:00 PM

29-1

Modelling sepsis in zebrafish: study of microglial neuroinflammatory and immune responses

Presented by Divya Balakrishnan Institute : Inserm - University of Paris Cité

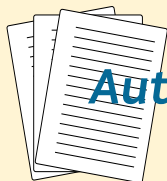


Authors : Divya Balakrishnan, Nadia Soussi Yanicostas, Constantin Yanicostas

29-2

Functional imaging platform for the study of Extracellular vesicles in zebrafish

Presented by Laure Bourcier Institute : Inserm - Nantes University

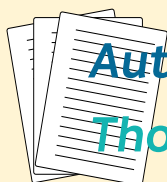


Authors : Laure Bourcier, Mickael Couty, Guillaume van Niel

29-3

Discovering new gene regulatory networks at the origin of ARVD.

Presented by Laura Castel_Institute : IGFL Montpellier

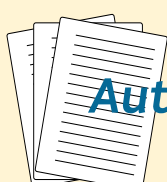


Authors : Laura Castel, Julien Barc, Chris Jopling, Adèle Faucherre, Thomas Moore-Morris

29-4

Charting the multiomic landscape of cardiomyocyte maturation in regenerating zebrafish hearts

Presented by Rocco Cipolla Institute : Institut Curie



Authors : Rocco Cipolla, Phong Nguyen

Poster

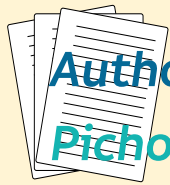
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29-5

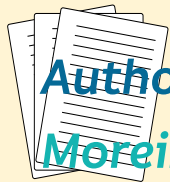
Biodistribution, translation efficiency, immune modulation and regenerative potential of mRNA-loaded lipid nanoparticles in zebrafish
Presented by [Yalen Del Rio Jay](#)_Institute : [IRMB Montpellier](#)



Authors : [Yalén Del Río-Jay](#), [Milad Baroud](#), [Claudia Terraza](#), [Chantal Pichon](#), [Farida Djouad](#)

29-6

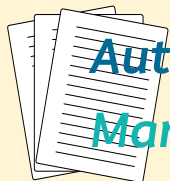
Assessment of nutritional quality and epigenetic markers of Danio rerio Stage III Ovarian Follicles after Cryopreservation
Presented by [Victor Marques](#)_Institute : [University of Sao Paulo - Brasil](#)



Authors : [Fernanda de Mello](#); [Victor Hugo Marques](#); [Renata Guimarães Moreira](#)

29-7

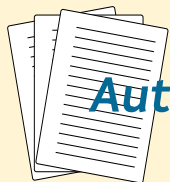
Contribution of the zebrafish model to the study of RNU4ATAC variants responsible for rare developmental syndromes.
Presented by [Anne Meiller](#) Institute : [GENDEV, Bron](#)



Authors : [Anne Meiller](#), [Fanny Desurmont](#), [Nils Barrier](#), [Alicia Besson](#), [Marion Delous](#), [Sylvie Mazoyer](#)

29-8

Sarcomere Dynamics During Zebrafish Heart Regeneration
Presented by [Zoé Oulerich](#) Institute : [Institut Curie - Paris](#)



Authors : [Zoé Oulerich](#), [Phong Nguyen](#)



Poster

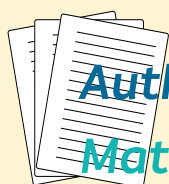
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29-9

Heterozygous variants in ZFR cause neurodevelopmental alterations, intellectual disability, and microcephaly.

Presented by Elodie Richard Institute : MMDN Montpellier

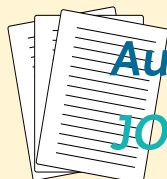


Authors : Elodie M. Richard, Amandine Peyrel, Anushree Acharya, Mathilde Nizon, Benjamin Cogne, Jonathan Levy, Thashi Bharadwaj, Yasmin Rajendran, Hayden C Shinn, Lyse Ruaud, Michael J Lyons, Raymond J Louie, Borut Peterlin, Mihael Rogac, Suzanne M Leal, Barbara Golob, Irma Järvelä, Isabelle Schrauwen

29-10

How do Mechanics and Extracellular Matrix shape Cardiac Development?

Presented by Victor Bernard Institute : IGF Montpellier



Authors : Victor BERNARD, Jean-François Avierinos, Laurence Bal, Chris JOPLING, Stéphane ZAFFRAN, Adèle FAUCHERRE

29-11

The epithelial-to-mesenchymal transition and mechanoadaptation of circulating cancer cells during metastatic dissemination

Presented by Zeynep Yesilata Institute : Inserm Strasbourg

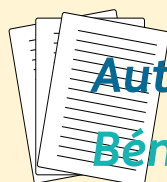


Authors : Zeynep Yesilata, Valentin Gensbittel, Naël Osmani, Jacky Goetz

29-12

Semi-automated early high-throughput genotyping of zebrafish larvae

Presented by Anne Morel Institute : ZEFIX Biocampus Montpellier



Authors : Anne Morel¹, Nicolas Cubedo¹, Céline Salsac², Sarah Couderc¹, Bénédicte Delaval¹, Mireille Rossel¹

Poster

Wednesday 29th October
Day 1

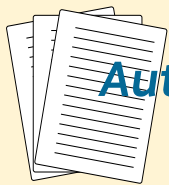
6:30 PM - 9:00 PM



29-13

Development of Magnet-Based Optogenetic Gal4 and Cas9 Systems for Applications in Zebrafish

Presented by Akshai Janardhana Kurup Institute : Institut Curie, Paris

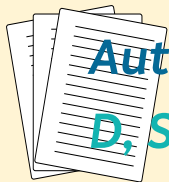


Authors : Akshai Janardhana Kurup, Pedro Hernandez Cedra

29-14

*Evolution of Neuronal Computations for Navigation and the Role of the Anterior Hindbrain in *Astyanax mexicanus**

Presented by Remi Deléglise Institute : IBENS Paris

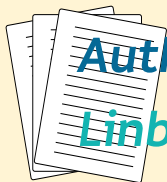


Authors : Deléglise R, Casanova JP, Vinepinsky E, Nourin S, Topsakalian D, Sumbre G.

29-15

Microtubules regulate tissue-level navigation in skin-resident macrophages

Presented by Jeff Rasmussen Institute : University of Washington, Seattle

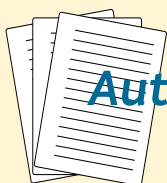


Authors : Eric Peterman, Andrew Murphy, Ian A. Swinburne, Tor H. Linbo, Sean G. Megason, Jeffrey P. Rasmussen

29-16

Beyond excitability: Kv2.1 subunits in zebrafish hatching

Presented by Ruchi Prakash Jain Institute : IIMCB Warsaw



Authors : Ruchi Prakash Jain, R Rosa Amini, Vladimir Korzh



Poster

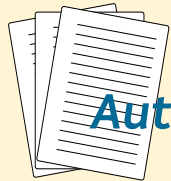
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29-17

How Zebrafish Help Us Understand the Mechanisms of Cardiovascular Calcification

Presented by **Brian Njaine** Institute : **CBI MCD Toulouse**

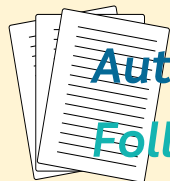


Authors : **Brian Njaine and Anabela Bensimon-Brito**

29-18

Cell viscosity influences hematogenous dissemination and metastatic extravasation of tumor cells

Presented by **Nael Osmani** Institute : **INSERM Strasbourg**

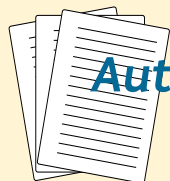


Authors : **Valentin Gensbittel, Zeynep Yesilata, Louis Bochler, Gautier Follain, Laurie Nemoz-Billet, Olivier Lefebvre, Klemens Uhlmann Annabel Larnicol, Giulia E.M. Ammirati , Sébastien Harlepp , Ruchi Goswami, Salvatore Girardo, Laetitia Paulen, Vincent Hyenne, Vincent Mittelheisser, Tristan Stemmelen, Anne Molitor, Raphael Carapito , Guillaume Belthier, Julie Pannequin , Martin Kräter, Daniel J. Müller, Daniel Balzani, Jochen Guck , Naël Osmani , Jacky G. Goetz**

29-19

Pathophysiological effects of a novel Charcot-Marie-Tooth mutation in the DCAF8 gene on motor neuron development and the neurofilament network

Presented by **Jessy Van Asperen** Institute : **Institute NeuroMyoGène-PGNM - Lyon**

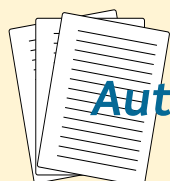


Authors : **Jessy V. van Asperen, Arnaud Jacquier , Hélène Puccio**

29-20

Embryonic Genotyping and Skin Swabbing as Ethical Alternatives to Fin-Clipping

Presented by **Mathieu Petitjean** Institute : **Institut Curie- Paris**

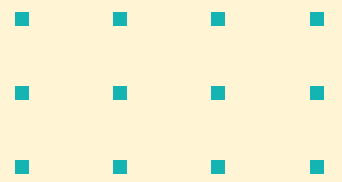


Authors : **Mathieu Petitjean**

Poster

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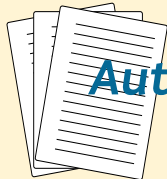
4:30 PM - 6:00 PM



30-1

Effects of Sigma-1 receptor in ototoxicity

Presented by Maelle Calvo Institute : MMDN Montpellier

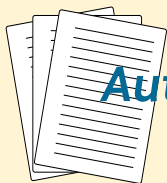


Authors : Maëlle Calvo, Sylvain Bartolami, Benjamin Delprat

30-2

FcGAS-STING inhibits autophagy in aging of zebrafish

Presented by Giulia Allavena Institute : Institute for research on Cancer and Aging - Nice

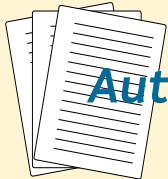


Authors : Giulia ALLAVENA and Miguel GODINHO FERREIRA

30-3

Exploring the neurological deficits of viral infection in the zebrafish central nervous system

Presented by Maroun Abi Younes Institute : NeuroPSI Paris Saclay

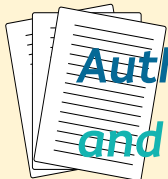


Authors : Maroun Abi Younes * -Jean-Pierre Levraud

30-4

Acute and Subacute exposure of methanolic Leaf Extract of Combretum Erythrophyllum in adult zebrafish (Danio rerio).

Presented by Thandi Fasemore Institute : University of Johannesburg

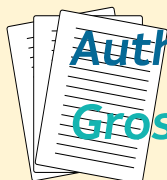


Authors : Thandi Fasemore, Taelo Phukobye, Olakunle Sanni and Pilani Nkomozepi

30-5

Rapid and functional intestinal regeneration after full-thickness transection in zebrafish is differentially regulated by IL-22 and IL-26

Presented by Akshai J. Kurup Institute : Institut Curie



Authors : Ignacio Medina¹, Akshai J. Kurup¹, Camila Garcia, Gwendoline Gros¹, Yazan Salloum¹, Pedro Hernandez¹

Poster

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30-6

RESAMA: A Network for Monitoring Health and Husbandry Practises in Aquatic Research Facilities on wild and model species

Presented by Fredéric Sohm Institute : RESAMA Network

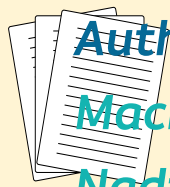


Authors : O. Clavez, M. Danion, B. Guillet, L. Legendre, E. Meunier, C. Nevoit, F. Sohm, É. Réalis-Doyelle, S. Serre, G. Schires

30-7

Developmental and Neurobehavioral Toxicity of Ten Commonly Used Antiseizure Drugs in Zebrafish Embryos

Presented by Loane Ratel Institute : INSERM Université de Paris Cité



Authors : Loane RATEL, Kelly KOMALI MADINA, Sarah MENDEZ, Macha NIKOLSKI, Fabien PIERRON, Constantin YANICOSTAS, and Nadia SOUSSI-YANICOSTAS

30-8

Deciphering the cellular and molecular basis of the pathogenesis of the opportunistic and emerging bacterial pathogen *Achromobacter* using a zebrafish infection model (ACHROFISH)

Presented by Hanane Zerrouki Institute : IRD - University of Montpellier

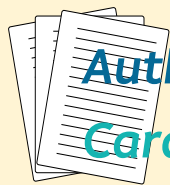


Authors : H. Zerrouki 1, V. Jean-Pierre 2,3, E. A. Oliveira 1, J. Boyer1, H. Marchandin 2,3, A.C. Vergunst 1

30-9

Zebrafish cardiac regeneration and aging: granulins and T-cells as potential modulators

Presented by Natalia Beiza Canelo Institute : RESTORE Toulouse

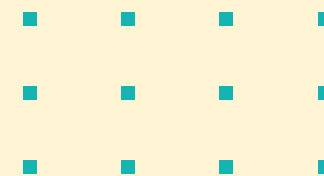


Authors : Marius Augusto*, Natalia Beiza-Canelo*, Didier Stainier, João Carneira-da-Silva

Poster

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30-10

Is telomere shortening in the gut responsible for increased cancer with aging?

Presented by Julie Jarassier_Institute : IRCAN, Nice

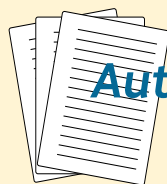


Authors : Julie JARASSIER¹, Mounir EL MAÏ¹, Bruno BASTOS¹, Miguel GODINHO FERREIRA¹

30-11

Real-Time Visualization of Macrophage–Cardiomyocyte Crosstalk During Heart Regeneration

Presented by Praveen Viswanathan_Institute : Institut Curie, Paris

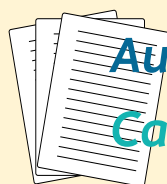


Authors : Praveen VISWANATHAN, Phong NGUYEN

30-12

Unraveling and targeting autophagy defects in TANGO2-related rhabdomyolysis

Presented by Gwenaëlle Laurent Institute : Institut Imagine, Paris

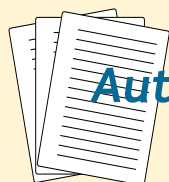


Authors : Gwenaëlle LAURENT , Marjolène STRAUBE , Sophie HUVER , Catherine-Laure TOMASETTO , Edor KABASHI , Franck OURY , Pascale de LONLAY , Hortense de CALBIAC

30-13

Mapping the dynamics of early cardiovascular calcification

Presented by Mayra Martinez Institute : CBI MCD Toulouse

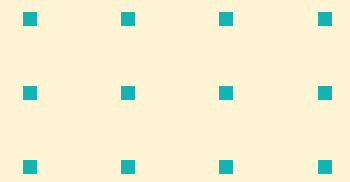


Authors : Mayra Martinez-Lopez, , Anabela Bensimon

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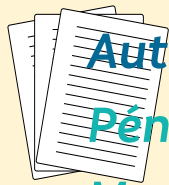
4:30 PM - 6:00 PM



30-14

IERP : experimental infectiology in rodents and fish - a unique experimental unit

Presented by Manon Mehrasz_Institute : INRAE - Jouy en Josas

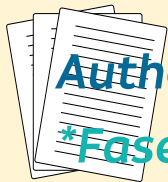


Authors : Manon Mehrasz(1), Maxence Frétaud(1,2), Magalie Bouvet(1), Pénélope Simon(1), Kilian Cella(1), Damien Degallaix(1), Roxane Trepier(1), Marlène Hery(1), Kathleen Auger(1), Céline Mittard(1), Clarisse Junker(1), Natalia-Ana Maties(1), Dimitri Rigaudeau(1), Christelle Langevin(1)

30-15

Acute exposure of adult zebrafish (Danio rerio) to a methanolic Leaf Extract of Combretum molle.

Presented by Yvonne Mhosva_Institute : University of Johannesburg



Authors : Mhosva Y, *Manyama D, *Sanni O, *Nkomozepi P and *Fasemore T

30-16

Migration dynamics of newborn neurons in the optic tectum of zebrafish larvae

Presented by Diego Martin Topsakalian Institute : IBENS, Paris

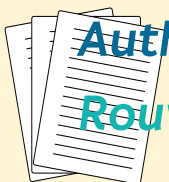


Authors : Topsakalian-Bushkalian, Diego M. ; Heuzé, Aurélie ; Candat, Virginie ; Castaño Mauricio ; Nourin, Sarah ; Joly, Jean-Stéphane. ; Sumbre, Germán

30-17

Connecting identity and form during organ formation

Presented by Vincent Demont_ Institute : CBI MCD Toulouse



Authors : Vincent Demont, Clément Cazorla, Anne Pizzoccaro, Christian Rouviere , David Sanchez , Julie Batut