



JOURNÉES IGF

27/28 MARS

#Sète

PROGRAM

DAY 1 : March, 27th

09:30 - 10:00 Welcome with coffee and refreshments

10:00 - 10:05 Opening : Philippe Marin

Morning Session: Young tenured researchers / Chair Amaury François

10:05 - 10:30 Jérémie Naudé / Perroy's team

How to use computational models to guide neuroscience experiments?

10:30 - 10:55 Antoine Besnard / Valjent's team

Distributed neural circuits controlling defensive behaviors

10:55 - 11:20 Enora Moutin / Perroy's team

Are mGlu5 receptor dynamics important for synaptic engramming?

11:20 - 11:45 Anaïs Menny / Rondard's team

Structure and impact of lipids on the mGlu2-5HT2A heteromer

11:45 - 12:10 Emilie Hervé-André / Jeanneteau's team

Prader-Willi syndrome: a model for understanding the ontogeny of neuroendocrine systems

12:10 - 12:35 Xiaojing Cong / Granier/Mouillac's team

In silico drug design: why do we need simulations?

12:45 - 14:00 [Lunch](#)

Afternoon Session: Collaborative projects / Chair Stéphanie Trouche

14:00 - 14:25 Arnaud Monteil & Xavier Bonnefont

Leak around the Clock

14:25 - 14:50 Amaury François & Emmanuel Périssé

Conserved neural mechanisms for pain regulation in mice and flies

14:50 - 15:15 Federica Bertaso & Tristan Bouschet

Daily intermittent fasting attenuates absence epilepsy: electrophysiology and single cell transcriptomics of the epileptic network

15:15 - 15:40 Annie Varrault & Magalie Ravier

Modeling transient neonatal diabetes mellitus in human iPSCs

15:40 - 16:05 Adèle Faucherre & Angelo Torrente

Developing a new zebrafish Piezo mutant model and a toolkit to study the pathophysiology of the heart/brain axis

16:10 [Coffee break](#)

16:30 - 19:00 [Street art treasure hunt in Sète](#)

19:15 [Aperitif Sétois, Dinner and Party](#)



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DAY 2 : March, 28th

Morning Session 1: Young tenured researchers / Chair Pierre Vincent

- 09:00 - 09:25 Julien Villeneuve / Marin's team
Mechanisms of unconventional protein secretion - From basic research to neurodegenerative disease therapeutics
- 09:25 - 09:50 Cherine Bechara / Granier/Mouillac's team
Structural mass spectrometry to probe GPCR interactions and dynamics
- 09:50 - 10:15 Angelo Torrente / Barrère/Mangoni's team
Use of heart rate variability to understand the effects of aging and more
- 10:15 - 10:40 Julien Boetto / Duffau/Hugnot's team
Genetic and molecular mechanisms of skull base meningioma tumorigenesis
- 10:40 - 11:15 [Coffee break](#)

Morning Session 2: Candidates to tenured researcher positions in 2023 / Chair Cédric Leyrat

- 11:15 - 11:40 Junke Liu / Rondard's team
The role of β -arrestin in GPCR internalization and signaling
- 11:40 - 12:05 Laia Bassaganyas / Pannequin's team
Fast, sensitive and low-cost strategy for monitoring colorectal cancer relapse using nanopore sequencing
- 12:05 - 12:30 Aurélien Fouillen / Granier/Mouillac's team
Bringing GPCR structural biology to a new level: from isolated particles to a native cellular environment
- 12:30 - 14:00 [Lunch](#)

Afternoon Session: General assembly - Round tables

- 14:00 - 15:00 Support services at IGF (*in French*)
- 15:00 - 15:15 New technical staffs (*in French*)
- 15:15 - 15:45 Round tables (*Part 1*)
ITA and Researcher career progression (*30 min in French*)
- 15:45 - 16:15 [Coffee break](#)
- 16:15 - 17:30 Round tables (*Part 2*)
Future technological development at IGF (*20 min*)
Future research topics at IGF (*30 min*)
Points from the audience and Conclusions
- 17:30 [Departure](#)