



GRRC
GROUPE
DE RÉFLEXION
SUR LA RECHERCHE
CARDIOVASCULAIRE

Automnales 2023

Pornichet 6-8 December 2023

FROM PALEOGENOMIC TO MULTI-OMICS

Wednesday 6 December 2023

- | | |
|-------|---|
| 19h | Diner |
| 20h30 | Why this Nobel Prize was a breakthrough?
<i>Christian Dina (Nantes)</i> |

Thursday 7 December 2023

Session 1 : Omics and Evolution

- | | |
|-------|--|
| 8h30 | Le microbiote humain : petit mais puissant
<i>Marc-André Sélosse (Paris)</i> |
| 9h15 | Spermatogenesis in modern humans: How did we succeed our hybrid speciation?
<i>Frederic Chalmel (Rennes)</i> |
| 10h00 | Coffee break |
| 10h30 | Evolutionary Medicine
<i>Thierry Letellier (Toulouse)</i> |

Session 2 : Methods for Omics Technologies

- 11h15** **Epigénétique et transcriptomique: mais pourquoi faire?**
Julien Barc (Nantes)
- 12h15** **Lunch**
- 14h00** **Mass spectrometry-based proteomics to answer biological and health questions.**
Yohann Couté (Grenoble)
- 14h45** **Host-pathogens metabolic interactions in Apicomplexa parasites: It's all about lipids**
Cyrille Botté (Grenoble)
- 15h30** **Coffee break**
- 16h00** **Multi-omics to study (epi)genetic regulations underlying tumor heterogeneity and cell plasticity**
Yuna Blum (Rennes)

Session 3 : - Pathophysiology/Therapeutic (1)

- 16h45** **Impact of NAD precursor supplementation on cardiac and systemic metabolome in the rat model of myocardial infarction**
Mathias Mericskay (Paris Saclay)
- 17h30** **Free time**
- 18h30** **Seaside jogging (for motivated people)**
- 20h00** **Apéritif and diner**



Friday 8 December 2023

Session 4 : Pathophysiology/Therapeutic (2)

- 8 h 30** **(Epi)transcriptomics in the heart-brain axis**
Yvan Devaux (Luxembourg)
- 9h15** **The power of genomics to decipher neglected vascular diseases**
Nabila Bouatia-Naji (Paris)
- 10h00** **Omics in Cardiac Arrhythmias**
Ange Maguy (Bern)
- 10H45** **Coffee break**
- 11h00** ***Ze QUIZZ***
- 12h00** **Lunch – Departure**