

MASTER SCIENCES ET TECHNOLOGIE - Mention : BIOLOGIE SANTE

Année 2022-2023

« SIGNALISATION : Methods and Concepts » (UMBS TC2- HAV923V)

Responsables : C. BECAMEL, S. BODIN & A. DEBANT

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LUNDI 5 Septembre 2022 – Campus Triolet Building 36 Room Sc36-04

13:15-14:45 **G protein coupled receptor from trafficking to signaling**

Magalie RAVIER (IGF, CNRS-UMR5237)

15:00-16:30 **Phosphorylation and dephosphorylation: a molecular switching mechanism.**

Thierry LORCA (CRBM, CNRS-UMR5237)

JEUDI 8 Septembre 2022 – Campus Triolet Building 36 Amphitheatre A36-01

8:00-9:30 **Structure, conformational dynamics & transmembrane signalisation**

Jean-Philippe PIN (IGF, CNRS UMR5203, INSERM U1191)

9:45-11:15 **Synaptic communication: electrophysiological and optogenetic approaches**

François RASSENDREN (IGF CNRS-UMR5203 INSERM- U1191)

LUNDI 12 Septembre 2022 - Campus Triolet Building 25 Room Sc25-01

13:15-14:45 **How to study the roles of lipid second messengers in cell signaling, cellular trafficking and cytoskeleton dynamic**

Stéphane BODIN (CRBM, CNRS-UMR5237)

15:00-16:30 **Mechanisms of plasma membrane mechanotransduction?**

Laura PICAS (IRIM)

JEUDI 14 Septembre 2022 - Campus Triolet Building 25 Room Sc25-01

8:00-9:30 **cadherin-mediated adhesion: study of cadherin complexe assembly by cell biology and imaging techniques.**

Cécile GAUTHIER-ROUVIÈRE (CRBM, CNRS-UMR5237)

9:45-11:15 **Screening technics, from High Content to High Throughput Screening.**

Benoit BORDIGNON (MRI, Plateau CRBM)

LUNDI 19 Septembre 2022 - Campus Triolet Building 36 Room Sc36-04

13:15-14:45 **Intercellular communication via tunneling nanotubes**

Marie-Luce VIGNAIS (IRMB, INSERM U1183)

15:00-16:30 **The study of signaling in tissues in vivo with the model organism *Drosophila melanogaster***

Marie-Laure PARMENTIER (IGF CNRS-UMR5203 INSERM- U1191)

JEUDI 22 Septembre 2022 - Campus Triolet Building 36 Room Sc36-07

8:00-9:30 **Targeting ubiquitin proteasome system and ubiquitin-like modifiers**

Irina LASSOT (IGMM, CNRS UMR5535)

9:45-11:15 **The Protein Quality Control system in health and diseases.**

Dimitris XIRODIMAS (CRBM, CNRS-UMR5237)

LUNDI 26 Septembre 2022 - Campus Triolet Building 36 Room Sc36-08

13:15-14:45 **Ephrin and tissue organization**
François FAGOTTO (CRBM, CNRS-UMR5237)

15:00-16:30 **Systematic reconstruction and tracking of ascidian embryonic cells over hundreds of time points bridges embryo geometry, cell fate specification and inductive events.**
Patrick LEMAIRE (CRBM, CNRS-UMR5237)

JEUDI 29 Septembre 2022 - Campus Triolet Building 36 Room Sc36-09

8:00-9:30 **Contribution of ascidians to the study of apoptosis.**
Jean-Philippe CHAMBON (CRBM, CNRS-UMR5237)

9:45-11:15 **From cell to organ: zebrafish a powerful vertebrate model organism**
Bénédicte DELAVAL (CRBM, CNRS-UMR5237)

LUNDI 3 Octobre 2022 - Campus Triolet Building 36 Room Sc36-09

13:15-16:30 **From proteomics to signalosome**
Carine BECAMEL (IGF, CNRS UMR5203, INSERM U1191)

JEUDI 6 Octobre 2022 - Campus Triolet Building 36 Room Sc36-07

8:00-9:30 **Regulation and fonction of Rho GTPase**
Anne DEBANT (CRBM, CNRS-UMR5237)

9:45-11:15 **The concept of subcellular signaling domains**
Fabrice ANGO (IGF CNRS-UMR5203 INSERM- U1191)
