



PROGRAM OF THE FSEV YOUNG SCIENTIST MEETING

ZOOM connection open at 9.30

9h50 : **INTRODUCTION**

SESSION 1: Vincent Hyenne & Guillaume Van Niel

10h-10h15 : Le Saux Sarah - ICGM, Univ Montpellier, ENSCM, CNRS, Montpellier.
Post-production modifications of murine mesenchymal stem cell (mMSC) derived extracellular vesicles (EVs) and impact on their cellular interaction. Biomaterials. 2020.

10h20-10h35: Presle Adrien -Membrane Traffic and Cell Division Lab, Institut Pasteur, UMR3691, CNRS, F-75015, Paris.
The Flemmingsome reveals an ESCRT-to-membrane coupling required for completion of cytokinesis. Nat Commun. 2020.

10h40-10h55: Bebelman Maarten - Amsterdam UMC, Vrije Universiteit Amsterdam and IPNP Paris
Real-time imaging of multivesicular body-plasma membrane fusion to quantify exosome release from single cells. Nat Protoc. 2020

SESSION 2: Sophie Rome & Xavier Loyer

11h00-11h15 : Al Amir-Dache Zahra - IRCM, Institut de Recherche en Cancérologie de Montpellier, INSERM U1194
Blood contains circulating cell-free respiratory competent mitochondria - FASEB J. 2020

COFFEE BREAK

11h20-13h00: FSEV GENERAL ASSEMBLY. DON'T MISS IT

LUNCH BREAK

14h00-14h15: Perdomo Liliana - SOPAM, U1063, INSERM, UNIV Angers
Large Extracellular Vesicle-Associated Rap1 Accumulates in Atherosclerotic Plaques, Correlates with Vascular Risks and Is Involved in Atherosclerosis. Circ Res. 2020

SESSION 3: Clotilde Théry & Soazig Le lay

14h20-14h35 : Handala Lynda - Université de Picardie Jules Verne, Amiens, France
BK polyomavirus hijacks extracellular vesicles for en bloc transmission - J Virol. 2020.

14h40-14h55: Coccozza Federico – Insitut Curie
Extracellular vesicles containing ACE2 efficiently prevent infection by SARS-CoV-2 Spike protein- containing virus. <https://doi.org/10.1101/2020.07.08.193672>

15h00-15h15: Polak Katarzyna – Ciloa, Montpellier
Extracellular vesicle-based CoVEVax vaccine triggers strong immune responses against SARS- CoV-2. <https://doi.org/10.1101/2020.10.28.357137>

COFFEE BREAK

SESSION 4: Julie Gavard & Olivier Blanc-Brude & Emilie Vélot

15h20-15h35 : Becot Anaïs - Institut de Pharmacologie Moléculaire et Cellulaire, Université de Nice- Sophia-Antipolis, Sophia-Antipolis, France.

Targeting γ -secretase triggers the selective enrichment of oligomeric APP-CTFs in brain extracellular vesicles from Alzheimer cell and mouse models. *Transl Neurodegener.* 2019

15h40-15h55: Ruiz Maxime -IRMB, Univ Montpellier
TGFBI secreted by mesenchymal stromal cells ameliorates osteoarthritis and is detected in extracellular vesicles - *Biomaterials.* 2020

16h00: **CLOSURE**