



PROGRAM OF THE FSEV YOUNG SCIENTIST MEETING

ZOOM connection is open at 9.30

9h50 : **INTRODUCTION**

10h-10h15 : Le Saux Sarah - ICGM, Univ Montpellier, ENSCM, CNRS, Montpellier, France
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, France.

The Flemmingsome reveals an ESCRT-to-membrane coupling required for completion of cytokinesis. Nat Commun. 2020

10h40-10h55: Maarten Bebelman - 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

COFFE BREAK

11h10-11h25: 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

11h30-11h45: 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

11h45-13h15: **FSEV GENERAL ASSEMBLY. DON'T MISS IT**

LUNCH BREAK

14h-14h15: Handala Lynda - Université de Picardie Jules Verne, Amiens, France
BK polyomavirus hijacks extracellular vesicles for en bloc transmission - J Virol. 2020

14h20-14h35: Cocozza Federico – Insitut Curie

Extracellular vesicles containing ACE2 efficiently prevent infection by SARS-CoV-2 Spike protein-containing virus. BioRxiv

14h40-14h55: K. Polak – Ciloa, Montpellier

Extracellular vesicle-based CoVEVax vaccine triggers strong immune responses against SARS-CoV-2. BioRxiv

COFFE BREAK

15h10-15h25: 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

15h30-15h45: waiting for confirmation

15h50-16h05: Ruiz Maxime -IRMB, Univ Montpellier

TGFBI secreted by mesenchymal stromal cells ameliorates osteoarthritis and is detected in extracellular vesicles - Biomaterials. 2020

16h10: **CLOSURE**