



BME PARIS
BioMedical Engineering
MASTER'S PROGRAM

Emerging role of exosomes

Open Your Mind Seminar

Friday, Oct 8 2021
1.30 pm – 3 pm

Université Paris Descartes
45, rue des Saint-Pères 75006 Paris
GIROUD Amphitheater

Cell biology and membrane trafficking: from the golden era to current new research

Membrane trafficking inside and outside the cell is essential for life. Today, we have an almost complete knowledge of the exocytic and endocytic pathways at both cellular and molecular levels.

Novel related-topics such as exosome-mediated transport and unconventional protein secretion have emerged and seem ripe for discoveries.

In this seminar, I will briefly present the landmark discoveries of the field and the key contribution of the technology/methods that were used. Then I will discuss new topics in the field, especially the emerging role of exosomes that serve as vectors for cell-cell communication. Finally, I will present modern technologies, such as digital biology/platform, that may be used to tackle these new scientific challenges.

Gregory LAVIEU

Chaire d'excellence, Université de Paris, INSERM-
Laboratoire MSC/UMR 7057

