

24th annual meeting of the Club Exocytose-Endocytose Munster, June 16-18, 2022

Thursday June 16

11h30-12h30: Welcome and registration

12h30-14h: Lunch

14h15-14h30: Opening remarks and introduction

14h30-15h10: **Plenary conference**

Rúben Fernández Busnadiago (Georg-August University, Göttingen, Allemagne)
Deciphering the molecular architecture of membrane contact sites by cryo-electron tomography

15h10-16h25: **Session 1 Membrane Contact sites**

Chaired by Fabien Alpy and Maite Montero

Mélina Heuzé (Institut Jacques Monod, Paris)
The tether protein VAPA is required for proper cell motility and anchoring of ER-PM contact sites to focal adhesions

Sylvette Chasserot-Golaz (INCI, Strasbourg)
Role of Endoplasmic reticulum membrane contact sites during exocytosis in neuroendocrine cells

Sponsor talk: Michel Biocco (Abbelight, Paris)
Entering the nanoworld: Turn any microscope into a state-of-the-art multimodal nanoscope

Arthur Martinet (IGBMC, Strasbourg)
Phosphorylation switches on inter-organelle contacts

Maxime Boutry (Peter Gilgan Centre for Research and Learning, Toronto, Canada)
Golgi-derived vesicles contribute to fission of lysosomal tubules

16h25-16h45: *coffee break*

16h45-18h00: **Session 2 Endosome dynamics**

Chaired by Christophe Lamaze and Delphine Muriaux

Bruno Beaumelle (IRIM, Montpellier)
HIV-1 Tat inhibits clathrin-mediated endocytosis and autophagy, thereby facilitating the multiplication of intracellular pathogens

Juliane Da Graça (INEM, Paris)
SNX cooperation regulates endosome-derived tubules delivery for autophagosome biogenesis

Sponsor talk: Marie Berger (Myriade, Paris)

Fast and easy characterization of diverse viruses using Interferometric Light Microscopy (ILM)

Mickaël Couty (IPNP, Paris)

CD63 Regulates Cholesterol storage within endosomes and its distribution via exosomes

Sandra Lecat (ESBS, Strasbourg)

Interatomic analysis of the GPCR-Associated Sorting Proteins GPRASP1 and GPRASP2 with the Ubiquitin Proteasome system

17h00-17h40 **Plenary conference**

Roméo Ricci (CERBM-GIE, Illkirch-Graffenstaden, France)

Distinct changes in endosomal composition promote NLRP3 inflammasome activation

19h00 - 20h30 dinner

20h30-22h00: **Poster session I**

Friday June 17

8h45-9h25: **Plenary conference**

Mike Cousin (Centre for Discovery Brain Sciences, Edinburgh University, Scotland)

Control of presynaptic function via synaptic vesicle endocytosis

9h25-10h40: **Session 3 Exocytosis**

Chaired by Nicolas Vitale and Lydia Danglot

Nadav Scher (Weizmann Institute of Science, Rehovot, Israel)

Elucidating the preorganization principles of large secretory vesicles

Philippe Bun (IPNP, Paris)

ExoJ, an image analysis platform for the automatic identification and quantification of exocytosis dynamics

Saaid Safieddine (Institut de l'audition/Institut Pasteur, Paris)

Targeted deletion and in vivo rescue uncover critical roles of the neuronal t-SNARE SNAP-25 in hearing function

Frank Perez (Institut Curie, France)

The TRUMP system : a dual retention and release system to tightly control protein transport and secretion in mammalian cells.

Yonis Bare (IRIM, Montpellier)

TMED10-mediated loading of neo-synthesised Sonic Hedgehog in COPII vesicles is critical for SHH secretion

10h40-11h00: Coffee break

11h00-12h00: **Session 4 Cancer and other diseases**

Chaired by Catherine Tomasetto and Stéphane Ory

Ines Drissa (Université de Rouen, France)

Identification of a subset of miRNAs as regulators of exocytosis in pheochromocytoma

Mireia Gomez-Duro (Institut Curie, Paris)

Unravelling the role of CD133/CD44 in breast cancer-Extracellular Vesicles in invasion and metastasis

Katerina Jerabkova-Roda (CRBS, Strasbourg)

Linking lysosome positioning to melanoma aggressiveness

Anaïs Bécot A (IPNP, Paris)

PIKfyve activity regulates APP homeostasis by controlling secretases distribution within the neuronal lysosomal network.

12h15-14h00: Lunch

14h00-15h30: **Poster session II**

15h30-16h30 **Session 5 Extracellular Vesicles**

Chaired by Gaele Boncompain and Vincent Hyenne

Benjamin Mary (CRBS, Strasbourg)

Hemodynamics control tumor Extracellular Vesicles uptake, trafficking and function

Fata Ouaz (Université de Paris)

Dendritic Cell Regurgitation: New Extracellular Mode of B-Cell Activation Through Exosome-Free Release of Antigen

Fanny EYSERT (IPMC, Valbonne)

Characterization of extracellular vesicles containing mitochondria in Alzheimer's disease study models

Pierre-Michaël Coly (PARCC, Paris)

Exploring the crosstalk between endothelial autophagy and extracellular vesicle biology: potential role in atherosclerosis

16h30-16h50: Coffee break

16h50-17h30: **Plenary conference**

Gisou Van der Goot (EPFL, Lausanne, Switzerland)

The role of ER-Golgi membrane contact sites in the control of plasma membrane lipid nanodomains

17h30-18h30: [Session 6 Lessons from pathogens](#)

Chaired by Claire Desnos & Raphaël Gaudin

Annie Frelet-Barrand (Institut FEMTO-ST, Besançon)

Lactococcus lactis can surprisingly produce intracellular caveolin-enriched vesicles

Florence Niedergang (Institut Cochin, Paris)

Impairment of macrophages phagocytosis and clearance functions by the Human Rhinovirus 16

Rayane Dibsy (IRIM, Montpellier)

Contrasting roles of cortical actin in the release of extracellular vesicles and HIV-1 particles mediated by the factor IRSp53.

Jitendriya Swain (IRIM, Montpellier)

F-actin Nanostructures Rearrangement during the late phases of SARS-COV-2 replication

18h30-20h30: Free time and wine-tasting

20h30: Gala Dinner

Saturday June 18

9h00-10h30: [General assembly of the “club Exocytosis-Endocytosis”](#)

10h30-10h50: Coffee break

10h50-11h10: [Thesis prize](#)

Virginia Andrade (Institut Pasteur, Paris)

Caveolae promote successful abscission by controlling intercellular bridge tension during cytokinesis

11h10-12h10: [Session 7 Caveolae](#)

Chaired by Florence Niedergang and Ludger Johannes

Satish Kailasam (Institut Curie, Paris)

Remote control of JAK-STAT signaling through caveolae mechanics

Singh Vibha (Institut Curie, Paris)

Role of caveolae mechanosensing and mechanotransduction in cell migration

Pedro Monteiro (Institut Curie, Paris)

Invadopodia-caveolae crosstalk in the control of breast cancer cell invasion

Podkalicka Joanna (Institut Curie, Paris)

Caveolin-assisted sphingolipid transport to the plasma membrane

12h10-12h30: Best presentation prizes and closing remarks

12h30: Lunch and departure