

Day 1 (Oct 29)	
8:30:00 am - 8:40 am	Welcome introduction (Jason Shepherd and Christian Neri)
8:40 am - 9:10 am	Erika Holzbaur, University of Pennsylvania / Keynote Lecture. “Autophagic stress activates compensatory secretory pathways in neurons”
	Session 1. EVs and Synaptic Function (25 min talks) Chair: Maureen Barr, Rutgers University.
9:10 am – 9:35 am	Avital Rodal, Brandeis University. “Local Recycling Networks Control EV Biogenesis: Mapping Cargo Trafficking Mechanisms at Synapses”
9:35 am – 10:00 am	Ana Antoniou, University of Vienna. “Mechanisms of trans-synaptic signaling by EV-miRNAs”
10:00 am – 10:25 am	Andrew Chisholm, UCSD. “Maintenance of neuronal morphology and regulation of extracellular vesicles”
10:25 am – 10:40 am	Sponsor talk
10:40 am – 11:00 am	Coffee break
11:00 am – 12:30 pm	Session 1 – Short talks (~15 min each)
11:00 am – 11:15 am	Kaelan Sullivan, University of Utah. “Arc EVs Mediate Intercellular Synaptic Plasticity”
11:15 am – 11:30 am	Young-Gyun Park, KAIST. “A brain-wide interneuronal network mediated by extracellular vesicles”
11:30 am – 11:45 am	Pasquale D'Acunzo, NYU. “Mitovesicle secretion in the brain is altered by mutations in the potassium channel subunit Kv3.3”
11:45 am – 12:00 pm	Inna Nikonorova, Rutgers University. “Loading TRAF signaling adapters to ciliary extracellular vesicles requires two types of channels”
12:00 pm – 12:15pm	Shin-ichi Kano, University of Alabama. “T cell-derived microRNAs in circulating extracellular vesicles regulate sociability via synaptic modulation”
12:30 pm – 1:20 pm	Lunch break
1:20 pm – 1:30 pm	Group photo
	Session 2. Glial EVs (25 min talks) Chair: Yongjie Yang, Tufts University.
1:30 pm – 1:55 pm	Abdolmohamad Rostami, Thomas Jefferson University.
1:55 pm – 2:20 pm	Dong Dan, Duke University. “Heat Shock Proteins Function as Signaling Molecules to Mediate Neuron–Glial Communication During Aging”
2:20 pm – 2:45 pm	Shilpa Buch, University of Nebraska. “Iron Death in the Move: Microglial Extracellular Vesicles Fuel Cognitive Decline in NeuroHIV”
2:45 pm – 3:00 pm	Sponsor talk
3:00 pm – 3:30 pm	Coffee break
3:30 pm - 5 pm	Session 2 - Short talks (~15 min each)

3:30 pm – 3:45 pm	Ramirez-Rodriguez Gerardo Bernabe, Instituto Nacional de Psiquiatria Ramon de la Fuente Muñiz. <i>“Exosomes isolated from human depressed patients influence the relation of new neurons and microglia.”</i>
3:45 pm – 4:00 pm	Tsuneya Ikezu, Mayo Clinic. <i>“Targeting of Tsg101 in microglia restricts microglia activation and ameliorates extracellular vesicle -mediated tau propagation”</i>
4:00 pm – 4:15 pm	Samantha Reed, Emory University. <i>“Dysfunction in Brain Derived Extracellular Vesicles after Status Epilepticus”</i>
4:15 pm – 4:30 pm	Caroline Reynolds, Tufts University. <i>“In vivo dynamics of astrocyte-derived exosomes and their glymphatic efflux in AD mouse model”</i>
4:30 pm – 4:45 pm	Deborah Goberdhan, Oxford University. <i>“Rab11a-exosomes are novel mediators of Alzheimer’s Disease-related cellular pathologies”</i>
5:00 pm - 6:30 pm	Poster Session
	Dinner on your own (except invited speakers)
Day 2 (Oct 30)	
	Session 3. EVs in Brain Cancer. Chair: Janusz Rak, McGill University.
8:30 am – 8:55 am	Franz Ricklefs, University Medical Center Hamburg. <i>“Liquid Biopsy for CNS Tumors Using Tumor-secreted EVs”</i>
8:55 am – 9:20 am	Mario Suva, Mass General Hospital/Harvard University. <i>“Dissecting cell-cell communication in glioblastoma by single-cell genomics”</i>
9:20 am – 9:45 am	Janusz Rak, McGill University. <i>“Impact of vesiculation pathways on vascular architecture and function in high grade brain tumours”</i>
9:45 am – 10: 00 am	Sponsor Talk
10:00 am – 10:30 am	Coffee break
10:30am - 12:00 pm	Session 3 – Short Talks
10:30 am – 10:45 am	Munjal M. Acharya, UC Irvine. <i>“Human neural stem cell-derived extracellular vesicles alleviate cognitive decline following cranial irradiation and chemotherapy for brain cancer”</i>
10:45 am – 11:00 am	Federico Dajas-Bailador, University of Nottingham. <i>“Extracellular Vesicle microRNAs Reshape Neuronal Development and Excitability in Cancer-Neuron crosstalk”</i>
11:00 am – 11:15 am	Irene Bertolini, Wistar Institute. <i>“Microglia derived sEVs in the crosstalk between glioblastoma and the periphery”</i>
11:15 am – 11:30 am	Randy Stout, NY Institute of Technology. <i>“Gap Junction Nexus Intercellular Endocytosis as a New Route for Cellular EV Production”</i>

11:30 am – 11:45 am	Marie Oosterlynck, University of Lille/INSERM. <i>“Tau PHF6 hexapeptide as core driver of Extracellular Vesicles-mediated tau propagation in Alzheimer's Disease”</i>
12:00 pm – 1:00 pm	Lunch Break
1:00 pm – 2:00 pm	Frederic Saudou, Grenoble Alpes University - Keynote Lecture. “Linking energy metabolism to intracellular trafficking and neurodegeneration in Huntington disease”
	Session 4. EVs as biomarkers and new technologies Chair: Tsuneya Ikezu, Mayo Clinic.
2:00 pm – 2:25pm	Jina Ko, University of Pennsylvania. <i>“Single EV Profiling for Molecular Diagnostics”</i>
2:50 pm – 3:15 pm	Gagan Deep, Wake Forest University. <i>“Refining Neuronal Small Extracellular Vesicle Isolation: A Liquid Biopsy Approach for Alzheimer’s Disease”</i>
3:15 pm – 3:40 pm	Leandra Figueroa-Hall, University of Tulsa. <i>“Astrocyte-enriched extracellular vesicle miRNAs reveal inflammation-related biological processes”</i>
3:40 pm – 4:00 pm	Sponsor talk
4:00 pm – 4:30 pm	Coffee break
4:30 pm – 6:00 pm	Session 4 – Short Talks
4:30 pm – 4:45 pm	Charisse Winston, University of S California. <i>“Characterization of Multiple CNS-Derived Salivary EV Populations for Alzheimer's Biomarker Discovery”</i>
4:45 pm – 5:00 pm	Manish Bhomia, Uniformed Services University. <i>“ICAM-5 is a novel marker for isolation and enrichment of neuronally derived extracellular vesicles”</i>
5:00 pm – 5:15 pm	Roos Vandenbroucke, University of Ghent. <i>“Extracellular vesicles derived from clonally expanded, immortalized mesenchymal stromal cells lower Alzheimer’s pathology in mice”</i>
5:15 pm – 5:30 pm	Aliyah Zaman, McGill University. <i>“MicroRNA Expression in Peripheral Extracellular Vesicles as a Biomarker for Neurodegeneration in Multiple Sclerosis”</i>
5:30 pm – 5:45 pm	Md Sorwer Parvez, University of Alabama. <i>“Understanding Extracellular Vesicles-Brain Communications with Integrated Computational and Experimental Approaches”</i>
6 pm - 7:30 pm	Poster Session with cocktails and food
Day 3 (Oct 31)	
8:15 am - 10:25 am	Session 5. EVs and neurodegenerative diseases: mechanisms and therapeutics

	Chair: Efrat Levy, New York University.
8:30 am – 8:55 am	Mounia Chami, Université Côte d’Azur. <i>“Functional and molecular profiles of large extracellular vesicles containing mitochondria derived from Alzheimer’s disease models and their potential role in mitochondrial dysfunctions spreading.”</i>
8:55 am – 9:20 am	Christian Neri, University of Sorbonne. <i>“Biological significance and molecular features of small extracellular vesicle remodeling in Huntington's disease “</i>
9:20 – 9:45 am	Ashok Shety, Texas A&M University. <i>“Efficacy of Human Neural Stem Cell-derived EVs for Slowing Down Brain Aging”</i>
9:45 – 10:10 am	Carla Lopes, Multidisciplinary Institute of Aging-Portugal. <i>“Immunogenic DNA Export via Amphisomes in Parkinson’s Disease”</i>
10:10 – 10:30 am	Coffee break
10:30 am – 12:00	Panel session and Q&A.
12:00 pm – 12:15	Concluding remarks (Jason/Christian/Roos)