

<b>Day 1 (Oct 29)</b>	
8:30 am - 8:40 am	<b>Welcome introduction (Guy Rouleau, Jason Shepherd, and Christian Neri)</b>
8:40 am - 9:30 am	<b>O1.1 Keynote lecture Erika Holzbaur, University of Pennsylvania “Autophagic stress activates compensatory secretory pathways in neurons”</b>
	<b>Session 1. EVs and Synaptic Function Chair: Maureen Barr, Rutgers University.</b>
9:30 am – 9:55 am	O1.2 Avital Rodal, Brandeis University. <i>“Local Recycling Networks Control EV Biogenesis: Mapping Cargo Trafficking Mechanisms at Synapses”</i>
9:55 am – 10:20 am	O1.3 Ana Antoniou, University of Vienna. <i>“Mechanisms of trans-synaptic signaling by EV-miRNAs”</i>
10:20 am – 10:45 am	O1.4 Andrew Chisholm, UCSD. <i>“Maintenance of neuronal morphology and regulation of extracellular vesicles”</i>
10:45 am – 11:15 am	<b>Coffee break</b>
11:15 am – 12:30 pm	<b>Session 1 – Short talks</b>
11:15 am – 11:30 am	S1.1 Kaelan Sullivan, University of Utah. <i>“Arc EVs Mediate Intercellular Synaptic Plasticity”</i>
11:30 am – 11:45 am	S1.2 Young-Gyun Park, KAIST. <i>“A brain-wide interneuronal network mediated by extracellular vesicles”</i>
11:45 am – 12:00 pm	S1.3 Pasquale D'Acunzo, NYU. <i>“Mitovesicle secretion in the brain is altered by mutations in the potassium channel subunit Kv3.3”</i>
12:00 pm – 12:15 pm	S1.4 Inna Nikonorova, Rutgers University. <i>“Loading TRAF signaling adapters to ciliary extracellular vesicles requires two types of channels”</i>
12:15 pm – 12:30 pm	S1.5 Shin-ichi Kano, University of Alabama. <i>“T cell-derived microRNAs in circulating extracellular vesicles regulate sociability via synaptic modulation”</i>
12:30 pm – 1:20 pm	<b>Lunch break</b>
1:20 pm – 1:30 pm	<b>Group photo</b>
	<b>Session 2. Glial EVs Chair: Yongjie Yang, Tufts University.</b>
1:30 pm – 1:55 pm	*ZOOM* O2.1 Dong Dan, Duke University. <i>“Heat Shock Proteins Function as Signaling Molecules to Mediate Neuron–Glia Communication During Aging”</i>
1:55 pm – 2:20 pm	O2.2 Abdolmohamad Rostami, Thomas Jefferson University. <i>“Extracellular Vesicles from Oligodendrocytes for the treatment of CNS Autoimmune Demyelination”</i>
2:20 pm – 2:45 pm	O2.3 Shilpa Buch, University of Nebraska. <i>“Iron Death in the Move: Microglial Extracellular Vesicles Fuel Cognitive Decline in NeuroHIV”</i>
2:45 pm – 3:00 pm	<b>Sponsor Talk 1:</b> Caitlin McAtee, EXOKERYX. <i>“Demeter EVPrep: Where Microchips Meet Biotech to Deliver Automated, Reproducible EV Isolation”</i>
3:00 pm – 3:30 pm	<b>Coffee break</b>
3:30 pm - 5 pm	<b>Session 2 - Short talks</b>
3:30 pm – 3:45 pm	*S2.1 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	S2.2 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	S2.3 Samantha Reed, Emory University. <i>“Dysfunction in Brain Derived Extracellular Vesicles after Status Epilepticus”</i>
4:15 pm – 4:30 pm	S2.4 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	S2.5 Deborah Goberdhan, Oxford University. “ <i>Rab11a-exosomes are novel mediators of Alzheimer’s Disease-related cellular pathologies</i> ”
5:00 pm - 6:30 pm	<b>Poster Session 1 (posters 1.1-1.29)</b>
	<b>Dinner on your own (except invited speakers)</b>
<b>Day 2 (Oct 30)</b>	
	<b>Session 3. EVs in Brain Cancer. Chair: Janusz Rak, McGill University.</b>
8:30 am – 8:55 am	O3.1 Franz Ricklefs, University Medical Center Hamburg. “ <i>Liquid Biopsy for CNS Tumors Using Tumor-secreted EVs</i> ”
8:55 am – 9:20 am	O3.2 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	O3.3 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	<b>Sponsor Talk 2:</b> Tal Gilboa, Everest Biolabs. “ <i>Automating EV isolation and characterization with scalable technologies for neuro-biomarker discovery.</i> ”
10:00 am – 10:30 am	<b>Coffee break</b>
10:30am - 12:00 pm	<b>Session 3 – Short Talks</b>
10:30 am – 10:45 am	S3.1 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	S3.2 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	S3.3 Irene Bertolini, Wistar Institute. “ <i>Microglia derived sEVs in the crosstalk between glioblastoma and the periphery</i> ”
11:15 am – 11:30 am	S3.4 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	S3.5 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	<b>Lunch Break</b>
1:00 pm – 1:50 pm	<b>O3.4 Keynote lecture Frederic Saudou, Grenoble Alpes University “Linking energy metabolism to intracellular trafficking and neurodegeneration in Huntington disease”</b>
	<b>Session 4. EVs as biomarkers and new technologies Chair: Tsuneya Ikezu, Mayo Clinic.</b>
2:00 pm – 2:25pm	O4.1 Jina Ko, University of Pennsylvania. “ <i>Single EV Profiling for Molecular Diagnostics</i> ”
2:50 pm – 3:15 pm	O4.2 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	O4.3 Leandra Figueroa-Hall, University of Tulsa. “ <i>Astrocyte-enriched extracellular vesicle miRNAs reveal inflammation-related biological processes</i> ”
3:40 pm – 3:55 pm	<b>Sponsor talk 3:</b> Sven Kreutel, Particle Metrix. “ <i>Robust Characterization of EVs Using the ZetaView x40 Evolution and Novel Fluorescent Antibodies</i> ”.
4:00 pm – 4:30 pm	<b>Coffee break</b>
4:30 pm – 6:00 pm	<b>Session 4 – Short Talks</b>
4:30 pm – 4:45 pm	S4.1 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	S4.2 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	S4.3 Roosmarijn 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	S4.4 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	S4.5 Md Sorwer Parvez, University of Alabama. <i>“Understanding Extracellular Vesicles-Brain Communications with Integrated Computational and Experimental Approaches”</i>
6 pm - 7:30 pm	<b>Poster Session (posters 2.1-2.29) with cocktails and food</b>
<b>Day 3 (Oct 31)</b>	
8:30 am - 10:25 am	<b>Session 5. EVs and neurodegenerative diseases: mechanisms and therapeutics Chair: Efrat Levy, New York University.</b>
8:30 am – 8:55 am	O5.1 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	O5.2 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	O5.3 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	O5.4 Carla Lopes, Multidisciplinary Institute of Aging-Portugal. <i>“Immunogenic DNA Export via Amphisomes in Parkinson’s Disease”</i>
10:10 – 10:30 am	<b>Coffee break</b>
10:30 am – 12:00	<b>Panel session and Q&amp;A. “From basic EV mechanisms to clinical translation”</b>
12:00 pm – 12:15	<b>Concluding remarks</b>