

Poster Session – Tuesday, 6-7pm ET

All times U.S. Eastern

	EV Function and Cargo 1	EV Function and Cargo 2	EV Characterization	Pathology	Therapeutics
6:00 – 6:20	<p>1.1</p> <p>Understanding intracellular fate of EV-delivered content</p> <p>Killian Patrick O'Brien Harvard University</p>	<p>2.1</p> <p>Proteomics of cerebellar exosomal proteins: Therapeutic and biomarker implications in Spinocerebellar ataxia-1</p> <p>Ribhav Mishra Northwestern University</p>	<p>3.1</p> <p>Advancing extracellular vesicle characterization with quantitative Single Molecule Localization Microscopy (qSMMLM)</p> <p>Kathleen M Lennon City of Hope</p>	<p>4.1</p> <p>Hypocalcemic-induced exosome secretion drives differential metastatic progression of epithelial ovarian cancer</p> <p>Amy H. Lee Brown University</p>	<p>5.1</p> <p>Exploring blood-cerebrospinal fluid barrier (BCSFB) extracellular vesicles (EVs) in brain targeted drug delivery</p> <p>Marie Pauwels Ghent University</p>
6:20 – 6:40	<p>1.2</p> <p>Small RNA-binding molecules inhibit HIV-1 transcription in CNS latent reservoirs</p> <p>Pooja Khatkar George Mason University</p>	<p>2.2</p> <p>Beta-glucan stimulated neutrophils secrete IL-1a through exosomes</p> <p>Bridget Ratitong University of California Irvine</p>	<p>3.2</p> <p>Smart microprobes imbued with recognition element as a sensitive bioanalysis platform for exosomes</p> <p>Chukwumaobim Nwokwu Louisiana Tech</p>	<p>4.2</p> <p>Liver tumor-derived exosomes (small extracellular vesicles) induce macrophage polarity</p> <p>Joshua L. Hood University of Louisville</p>	<p>5.2</p> <p>Hypoxia-responsive bovine milk exosomes as targeted carrier for chemotherapeutics</p> <p>Jessica Pullan North Dakota State University</p>
6:40 – 7:00	<p>1.3</p> <p>Extracellular vesicle activation of latent HIV-1 is driven by EV-associated c-Src and Cellular SRC-1 via the PI3K/AKT/mTOR pathway</p> <p>Gifty A. Mensah George Mason University</p>	<p>2.3</p> <p>Extracellular vesicles and microRNAs in maternal milk are important for growth and gut health during weaning in murine pups</p> <p>Janos Zempleni University of Nebraska Lincoln</p>	<p>3.3</p> <p>Isolation and characterization of extracellular vesicles in saliva of children with asthma</p> <p>Nicole Comfort Columbia University</p>	<p>High-capacity membranes for simple, rapid extracellular vesicle isolation with high yield and purity</p> <p>Yi Zhao Takara Bio</p>	<p>5.3</p> <p>Effects of marijuana on viral transcription in HIV-1 infected cells and resulting extracellular vesicle release</p> <p>Maria Cowen George Mason University</p>