



Conference Day 1 – Monday, September 15, 2025

08:00 Conference Registration, Coffee and Pastries, Materials Pick-Up

09:00 **Welcome and Introduction to the Conference and Topics Covered by Conference Chairperson**

Michael Graner, Professor, University of Colorado Anschutz Medical Campus --
Conference Senior Chairperson

09:15 **Digital Flow Cytometry (dFC)**

Daniel Chiu, A. Bruce Montgomery Professor of Chemistry, University of
Washington, United States of America

09:45 **Finding Small Particles on Flow Cytometers and Sorters**

Christine R. Childs, Manager/Sr. Instructor University of Colorado Anschutz Cancer
Center Flow Cytometry Shared Resource, United States of America

10:15 Mid-Morning Coffee Break and Networking

11:00 **HIV Tat-Stimulated Microglial Extracellular Vesicles Shuttle Ferroptosis Mediators and Induce Neuronal Injury: Role of Dysregulated Autophagy**

Shilpa Buch, Professor-Department of Pharmacology and Experimental
Neuroscience, University of Nebraska Medical Center, United States of America

11:30 **Technology Spotlight Presentation
Enhanced Nanoparticle and Fluorescence Tracking
with the ZetaView® X40: Technical Innovations and
Application Examples**



Sven Kreutel, CEO, Particle Metrix, Inc., United States of America and Germany

12:00 Technology Spotlight Presentation
EXODUS Technology for Extracellular Vesicle
Isolation and Purification



Guankui Wang, Director of Boston Research & Application Center, EXODUS Bio,
 United States of America

12:30 Networking Lunch in the Exhibit Hall

14:00 Propagation of Pathology via EVs

Lotta Granholm-Bentley, Professor, University of Colorado Anschutz Medical
 Campus, United States of America

14:30 Particle Metrix Instrumentation Hands-on Demonstration + Running Samples
from EV Scientists in Attendance

Sven Kreutel, CEO, Particle Metrix, Inc., United States of America and Germany

15:30 EXODUS Bio Onsite Hands-On Instrumentation Demo on EV Isolation

Guankui Wang, Director of Boston Research & Application Center, EXODUS Bio,
 United States of America

16:30 Technology Spotlight Presentation
Super-Resolution Imaging For EVs



Evan Darling, Senior Field Applications Scientist,
 Abbelight, United States of America

17:15 Extracellular Vesicle Biomarkers of Neurodegeneration in Down Syndrome

Aur lie Ledreux, Associate Professor School of Medicine, University of Colorado
 Anschutz Medical Campus, United States of America

18:00 Networking over Beer and Wine

19:00 Close of Day 1 of the Conference

Conference Day 2 – Tuesday, September 16, 2025

08:00 Morning Coffee, Pastries and Networking in the Exhibit Hall

09:00 **Presentation Title to be Confirmed**

Christina Coughlan, Research Assistant Professor, University of Colorado Anschutz Medical Campus, United States of America

09:30 **Forced Release of EVs from Cells *In vitro* and *In vivo***

Dmitri Simberg, Professor, Skaggs School of Pharmacy, University of Colorado, United States of America

10:00 **How a Cell-associated Virus Utilizes Non-infectious Extracellular Vesicles to Propagate Infection and Disease**

Andrew Bubak, Assistant Professor, Department of Neurology, University of Colorado – Anschutz Medical Campus, United States of America

10:30 Mid-Morning Coffee Break and Networking in the Exhibit Hall

11:00 **Obesity and Colon Cancer: Impact of Extracellular Vesicles**

Arianne Theiss, Associate Professor, University of Colorado Anschutz School of Medicine, United States of America

11:30 **Title to be Confirmed**

Michael Graner, Professor, Dept of Neurosurgery, University of Colorado Anschutz School of Medicine -- Conference Chairperson

12:00 **Panel Discussion: Emerging Areas and Segments of Research in the Broader Extracellular Vesicles/Exosomes Field**

****Chaired by Professor Michael Graner -- Conference Senior Chairperson****

12:30 Networking Lunch in the Exhibit Hall