

PROGRAM

NOVEMBER 12 (THURSDAY)

2:00-3:00 PM **Check-in**

3:00-3:40 PM **EARLY-CAREER SESSION**

Moderator **TBD**

3:00-3:10 PM **Shuo Liu, Columbia University**

Talk: Inhalable bispecific exosomes coordinate Wnt blockade and checkpoint inhibition in resistant metastatic melanoma

3:10-3:20 PM **Inna Nikonorova, Rutgers University**

Talk: In vivo dissection of ciliary EV cargo selection reveals a channel-dependent loading pathway

3:20-3:30 PM **Bo Ning, Tulane University**

Talk: Plasmon-coupled fluorescent carbon dot networks reveal rare pancreatic cancer derived extracellular vesicles directly in blood

3:30-3:40 PM **Federica Zanotti, Albert Einstein College of Medicine**

Talk: Extracellular vesicle proteomics unmask fundamental metabolic distinctions between quiescent hematopoietic stem cells and their proliferative progenitor populations

3:40-4:00 PM **Coffee break**

4:00-4:40 PM **EARLY-CAREER SESSION**

Moderator **TBD**

4:00-4:10 PM **Xin Zhang, Duke University**

Talk: Plasma extracellular vesicles carry microRNAs associated with 10-year survival of older adults

4:10-4:20 PM **Maryam Firouzi, University of Oklahoma Health Campus**

Talk: Turning Tumors Against Themselves: Exosome-Based Antibody Generation for Targeted Drug Delivery

4:20-4:30 PM **Edgar Gonzalez Kozlova, Icahn School of Medicine at Mount Sinai**

Talk: Multi-Omic Profiling of Extracellular Vesicles Reveals Circulating Markers of Clinical Benefit and Survival in Metastatic Urothelial Carcinoma

4:30-4:40 PM **Oh Youn Kim, Harvard T.H. Chan School of Public Health**

Talk: Development of a Universal Influenza Vaccine Using WW Domain-Activated Extracellular Vesicles

4:40-5:00 PM **Coffee break**

5:00-5:50 PM **OPENING PLENARY LECTURE: David Lyden**

Weill Cornell Connect

Moderator: Ke Cheng, Columbia University

Talk: Systemic effects of cancer-associated extracellular vesicles and particles

5:50-6:10 PM **Sponsor talks (Bronze sponsors)**

6:10-7:30 PM Reception (Alcohol will be provided)

NOVEMBER 13 (FRIDAY)

8:00-9:00 AM SESSION 1: EVS ACROSS KINGDOMS

Moderator Santiago Correa, Columbia University
Sabrina Simoes, Columbia University

8:00-8:20 AM **Kewei Zhao**
The Third Affiliated Hospital of Guangzhou University of Chinese Medicine
Talk: CHM-EVLP: Seeing the Grand through the Minuscule Unveiling Oriental Wisdom in the Nanoscale World

8:20-8:40 AM **Jisook Moon**
CHA University
Talk: Cord blood plasma-derived extracellular vesicles reverse brain aging through central-peripheral metabolic coupling

8:40-9:00 AM **Kenneth Dawson**
University College Dublin
Talk: Condensate corona-nanoparticle extracellular complexes as endogenous biomolecular transfer programmes

9:00-9:45 AM **KEYNOTE SPEAKER: Hailin Jin**
UC Riverside
Moderator: Susmita Sahoo, Mount Sinai
Talk: Extracellular Vesicle - mediated Cross-kingdom RNA Communication

9:45-10:00 AM Platinum Sponsor presentation
Nyiah Jordan
Lonza
Talk: Advancing Cell-Free and Cell-Based Regenerative Therapies Through Exosome and MSC Innovation

10:00-10:10 AM **Oral presentation from abstract**
Talk: TBD

10:10-10:30 AM **Coffee break**

10:30-11:30 AM SESSION 2: CARDIOVASCULAR DISEASE & CARDIOMETABOLIC

Moderator Gisette Reyes-Soffer, Columbia University Medical Center
Uta Erdbruegger, University of Virginia Health System

10:30-10:50 AM **Saumya Das**
Harvard
Talk: EVs in cardiometabolic diseases: peeling the layers in complex phenotypes

10:50-11:10 AM	Naveed Akbar Oxford, UK <i>Talk: Extracellular Vesicle Dysfunction in Genetic Cardiovascular Disease</i>
11:10-11:30 AM	Raj Kishore Temple University <i>Talk: Muscle-specific miR-499-5p delivered by small extracellular vesicles impairs endothelial function and ischemic hindlimb recovery in diabetic mice</i>
11:30-11:40 AM	Gold sponsor
11:40-12:00 AM	Lightning Talks Session 1 (from abstract submissions)
12:00-1:30 PM	Lunch provided & Poster Session 1 (~50 posters)

1:30-3:00 PM **SESSION 3: REGENERATIVE MEDICINE& THERAPEUTIC EVS**

Moderator **Ananth Kumar Kammala, UTMB**

1:30-1:50 PM	Camila Hochman-Mendez Texas Heart Institute <i>Talk: Beyond Systemic Delivery: Ex Vivo Organ Platforms for Precision EV Therapeutics</i>
1:50-2:10 PM	Ya-Wen Chen Mount Sinai <i>Talk: Unveiling Alternate Pathways for SARS-CoV-2 Infection via Extracellular Vesicle-Mediated Transfer of ACE2 and TMPRSS2</i>
2:10-2:30 PM	Ying Mei MUSC <i>Talk: Human Cardiac Organoid-Derived Extracellular Vesicles for Heart Repair</i>
2:30-2:50 PM	Sichen Zhang Beijing Hospital <i>Talk: Female aging and Ovarian Dysfunction</i>
2:50-3:00 PM	Shuhua Bai, Western New England University (Selected from abstracts) <i>Talk: Bioactive-Rich Plant-Derived Nanovesicles for Targeted Therapy of Inflammatory Bowel Disease</i>
3:00-3:10 PM	Michail Spanos, Harvard Medical School (Selected from abstracts) <i>Talk: Circulating cardiomyocyte-derived extracellular vesicles ("cardiovesicles") capture dynamic myocardial transcriptional responses to ischemic stress during cardiopulmonary bypass</i>
3:10-3:20 PM	Gold sponsor (Everest Biolabs)
3:20-3:40 PM	Coffee break

3:40-5:00 PM **SESSION 4: CANCER EVS**

Moderator **Hua Wang, University of Illinois at Urbana-Champaign**

3:40-4:00 PM	Alissa Weaver Vanderbilt <i>Talk: Exosomes in HNSCC metastasis</i>
4:00-4:20 PM	Carlos Salomon Gallo The University of Queensland <i>Talk: Extracellular Vesicles in Ovarian Cancer: From Oncogenic Transformation to Fit-for-Purpose Strategies for Early Detection and Screening</i>
4:20-4:40 PM	Quanyin Hu UW Madison <i>Talk: Pyroptotic vesicles as personalized cancer therapeutics</i>
4:40-5:00 PM	Valerie LeBleu Kalluri The University of Texas MD Anderson Cancer Center <i>Talk: Clinical update on engineered exosomes for pancreatic cancer and beyond</i>
5:00-5:10 PM	Gold sponsor (Secretech)
5:10-6:00 PM	Panel discussion with editors from Nature and Cell family journals (Chair: Ke Cheng)
5:10-5:20 PM	Sheila Chari, Cell Stem Cell
5:20-5:30 PM	Rita Strack, Nature BME
5:30-5:40 PM	Chiara Pastore, Nature Nanotech
5:40-6:00 PM	Discussion
6:00-7:30 PM	Poster session I (refreshments&drinks)

NOVEMBER 14 (SATURDAY)

8:00-9:00 AM **SESSION 5: EVS IN CARDIAC REPAIR**

Moderator **Sam Das, Johns Hopkins University**
Jonathan Weerakkody, Yale School of Medicine

8:00-8:20 AM	Philippe Menasche University of Paris <i>Talk: Cellular Secretomes for Heart Failure : Clinical Implementation and Challenges</i>
8:20-8:40 AM	Sluijter, J.P.G. (Joost) UMC Utrecht <i>Talk: Extracellular-vesicle based cardiac delivery; engineering EV Biogenesis for enhanced therapeutic loading</i>
8:40-9:00 AM	Robert Gourdie Virginia Tech <i>Talk: Milk-Derived Nanovesicles for Connexin43-Targeted Cardioprotection and Radioprotection</i>
9:05-9:50 AM	KEYNOTE SPEAKER: Michel W.J. Sadelain Columbia University

Moderator: Mei He, University of Florida

Talk: Novel CAR designs and insights into CAR T cell-mediated toxicities

9:50-10:00 AM Oral presentation selected from abstracts
10:00-10:10 AM Gold sponsor presentation (Exodus)
10:00-10:30 AM **Coffee break**

10:30-11:30 AM **SESSION 6: EV BIOGENESIS, MEMBRANE DYNAMICS**

Moderator

Stephen J. Gould, Johns Hopkins University School of Medicine
Valerie LeBleu Kalluri, The University of Texas MD Anderson Cancer Center

10:30-10:50 AM **Dylan T. Burnette**
Vanderbilt

Talk: How Cell-Like Can Large Extracellular Vesicles Really Be?

10:50-11:10 AM **Sathish Ramakrishnan**
Yale University

Talk: The Fusion Code of Extracellular Vesicles

11:10-11:30 AM **Louise Laurent**
UC San Diego

Talk: Multi-omic Analysis Reveals Relationships Among Source Cells, Extracellular Vesicles, and Non-Vesicular Extracellular Particles

11:30-11:40 AM **Gold sponsors**

11:40-12:00 AM **Lightning Talks Session 2 (from abstract submissions)**

12:00-1:30 PM **Lunch provided & Poster Session 2 (~50 posters)**

1:30-3:00 PM **SESSION 7: EV TECHNOLOGIES, MULTI-OMICS & DIAGNOSTICS**

Moderator

Carlos Salomon Gallo, The University of Queensland
Navneet Dogra, Icahn School of Medicine at Mount Sinai

1:30-1:50 PM **Hubert Hang Yin**
Tsinghua University

Talk: Purifying, Profiling, Probing, and Programming-Chemical Biology Investigations of Extracellular Vesicles

1:50-2:10 PM **Jennifer Jones**
NIH

Talk: TBD

2:10-2:30 PM	Hsueh-Chia Chang University of Notre Dame <i>Talk: Nanocarrier Diagnostics: A New Charge and Size-Based Detection Platform</i>
2:30-2:50 PM	Christine Happel NIH <i>Talk: Translating Extracellular Vesicles: From ExRNA Discovery to Next-Generation Therapeutics</i>
2:50-3:10 PM	Silver sponsors (3)
3:10-3:30 PM	Coffee break

3:30-4:30 PM **SESSION 8: NEURAL EV BIOLOGY & NEURODEGENERATION**

Moderator **Navneet Dogra, Icahn School of Medicine at Mount Sinai**
Bartosz Szczesny, The University of Texas Medical Branch

3:30-3:50 PM	Andrew Hill Victoria University <i>Talk: Investigating the role of EVs in neurodegenerative diseases</i>
3:50-4:10 PM	Maureen Barr Rutgers <i>Talk: The fundamental biology of neuronal extracellular vesicles</i>
4:10-4:30 PM	Partha Chandra Tulane University <i>Talk: Extracellular vesicles from human and non-human primates suggest a role in sex-specific HIV-associated neuropathogenesis.</i>
4:30-4:44 PM	Silver sponsor (3)
4:45-5:00 PM	Award Announcement
5:00-6:00 PM	International Panel discussion (Moderator: Raghu Kalluri)
5:00-5:20 PM	Raghu Kalluri UTMB <i>Talk: Engineered EV and Exosomes as eye drop-based therapy for wet age associated macular degeneration.</i>
5:20-5:40 PM	Benedetta Bussolati University of Turin <i>Talk:</i>
5:40-6:00 PM	Panel discussion: Raghu Kalluri (AAEV), Benedetta Bussolati (ISEV), Susmita Sahoo, Ke Cheng
6:00-7:30 PM	Poster Session II (refreshments)

NOVEMBER 15 (SUNDAY)

8:00-9:00 AM **SESSION 9: ENGINEERING EVS FOR THERAPEUTIC DELIVERY**

Moderator **Sunila Pradeep, Medical College of Wisconsin**
Yong Tao, Beijing Chaoyang Hospital

8:00-8:20 AM **Huiping Liu**
Northwestern
Talk: AI-accelerated engineering of EV-IgG of ultra-high affinity and efficacy

8:20-8:40 AM **Brian Brown**
Icahn School of Medicine at Mount Sinai
Talk: Do extracellular vesicles play a role in mRNA vaccines?

8:40-9:00 AM **Quan Lu**
Harvard University
Talk: ARMMed for Targeted Intracellular Delivery

9:05-9:50 AM **FOUNDER'S AWARD LECTURE: Tony Hu, Tsinghua University**
Moderator: Raghu Kalluri
Talk: TBD

9:50-10:10 AM **Young investigator presentation: Ke Huang, TEXAS A&M University**

10:10-10:30 AM **Coffee break**

10:30-11:30 AM **SESSION 10: EVS IN IMMUNE**

Moderator **Wei Guo, University of Pennsylvania**

10:30-10:50 AM **Rupangi Vasavada**
City of Hope, LA
Talk: Patient-derived extracellular vesicles trigger beta-cell death and contribute to type 1 diabetes pathogenicity

10:50-11:10 AM **My Mahoney**
Thomas Jefferson
Talk: Targeting IFN γ Signaling Through EVs in IVIg

11:10-11:30 AM **Pilar Martin Fernandez**
Spanish National Center for Cardiovascular Research
Talk: Therapeutically targetable T cell-derived EV-miRNA for myocarditis

11:30-11:50 **Yibin Kang**
Princeton University



NOV 12-NOV 15, 2026
AAEV 2026 ANNUAL MEETING

Talk: Host metadherin coordinates EV-mediated regulation of hepatic lipid metabolism and CD8+ T cell immunity to promote tumor progression

11:50-12:10 AM **Young investigator presentation, Xiaoping Bao, Purdue University**
12:10-12:25 PM **Poster Awards Announcement**
12:25-12:30 PM **Closing remarks**

Venue:

The Westin Jersey City Newport
479 Washington Blvd
Jersey City, NJ 07310

contact@aaev.org
919-561-9480

Parking:

Garage is right next to hotel: [2 Mall Drive East Jersey City, NJ 07310](https://maps.app.goo.gl/siJDQsfrQBbQShkr6), You can use maps link:
<https://maps.app.goo.gl/siJDQsfrQBbQShkr6>

Garage website: [Newport South Garage Parking | Find and Book Parking near New York New York](https://www.newportgarage.com/)

Below are the parking prices:
South Garage
Up to 3 hours \$5.99
Up to 4 hours \$21.00
Up to 10 hours \$31.50
Up to 1 day \$36.75
Valet parking \$67