

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Exosomes/Microvesicles: Heterogeneity, Biogenesis, Function, and Therapeutic Developments (E2)

June 4-8, 2018 • Beaver Run Resort • Breckenridge, Colorado, USA

Scientific Organizers: Crislyn D'Souza-Schorey and David Lyden

Supported by the Directors' Fund

Abstract & Scholarship Deadline: / Abstract Deadline: / Discounted Registration Deadline:

MONDAY, JUNE 4

Arrival and Registration

TUESDAY, JUNE 5

Extracellular Vesicles: Cargo and Composition

Xandra O. Breakefield[†], Massachusetts General Hospital, USA
Nucleic Acid Content of Exosomes

Dolores Di Vizio[†], Cedars-Sinai, USA
Oncosomes in Prostate Cancer

Huang-Ge Zhang[†], University of Louisville, USA
Isolation, Identification and Characterization of Novel Nanovesicles

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Workshop 1

Short Talks Chosen from Abstracts

EVs and Immune Regulation

Marca H.M. Wauben[†], Universiteit Utrecht, Netherlands
Intercellular Communication in the Immune System

Susanne Gabrielsson[†], Karolinska Institutet, Sweden
Role of Exosomes in the Immune System

Speaker to be Announced

Short Talk Chosen from Abstracts

Poster Session 1

WEDNESDAY, JUNE 6

EVs and Cancer I (Tumor Growth and Dissemination)

James Clancy[†], University of Notre Dame, USA
Tumor Microvesicles and Cell Invasion

Richard A. Cerione[†], Cornell University, USA
Signaling Pathways in Cancer Progression

Raghu Kalluri, University of Texas MD Anderson Cancer Center, USA
Exosomes and the Progression of Pancreatic Cancer

Clotilde Théry[†], Institut Curie, France
Contributions of EV Subpopulations to Tumor Growth and Dissemination

Short Talk(s) Chosen from Abstracts

EVs in Neurobiology: Neurodevelopment, Degeneration and Regeneration

Andrew Hill, La Trobe University, Australia
Exosomes and Microvesicles as Vehicles for the Transfer of Misfolded Proteins between Cells

Stefan Momma[†], Frankfurt University Hospital, Germany
Roles for EV-Mediated Cargo Transfer during Neurodegeneration

Tsuneya Ikezu[†], Boston University School of Medicine, USA
Exosome-Mediated Intercellular Communication in Neurodegenerative Diseases

Short Talk Chosen from Abstracts

Poster Session 2

THURSDAY, JUNE 7

EVs and Cancer II (Metastases)

David Lyden, Weill Cornell Medical College, USA
The Role of Tumor-Secreted Exosomes in Cancer Metastasis

Janusz Rak[†], McGill University, Canada
Extracellular Vesicles and the Spread of Brain Malignancies

Takahiro Ochiya[†], National Cancer Center Research Institute, Japan
Functional Outcomes of EV-Mediated Transfer of miRNA

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Workshop 2

Short Talks Chosen from Abstracts

Current and Emerging Technologies

Graça Raposo-Benedetti[†], Institut Curie, France
Ultrastructural Analysis of Exosomes and Microvesicles

Jacco van Rheenen[†], Hubrecht Institute, Netherlands
Utilizing the Cre/Lox System for the Study of Extracellular Vesicle Dissemination

Speaker to be Announced

Short Talk Chosen from Abstracts

Poster Session 3

FRIDAY, JUNE 8

EVs in Host-Pathogen Interactions

Neta Regev-Rudzki[†], Weizmann Institute of Science, Israel
Exosomes in Parasite Host Communication

Jeff S. Schorey[†], University of Notre Dame, USA
Exosomes in Bacteria Host Communication

Andrea Longatti[†], MedImmune, UK
Exosomes in Hepatitis, Viral Transmission

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

EV Therapeutics

Johan Skog[†], Exosome Diagnostics, Inc., USA
Talk Title to be Announced

Jan Lötvall, University of Gothenburg, Sweden
Potential of Exosomes for Therapeutic Uses

Eva Rohde[†], Paracelsus Medical University Salzburg, Austria
Regulatory Aspects on Extracellular Vesicle –based Pharmaceutical Engineering

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

SATURDAY, JUNE 9

Departure