



ISEV2025 | ANNUAL MEETING | VIENNA AUSTRIA

23 April Education Day | 24-27 April Annual Meeting

Full Schedule

240 results found



Wednesday, April 23, 2025

08:00 – 08:15 CET

Education Day Introduction & Quiz

Location: Strauss 1-2



08:15 – 09:30 CET

EVs: What are they? Where are they from? Where do they go?

Chair: An Hendrix

Chair: Guillaume Van Niel



08:15 – 08:40 CET

Extracellular vesicles & Particles

Location: Strauss 1-2

Presenter: Edit Buzas – Semmelweis University, Department of Genetics, Cell and Immunobiology, Budapest, Hungary



08:40 – 09:05 CET

Biogenesis & Secretion

Location: Strauss 1-2

Presenter: Clotilde Thery – Institut Curie Research center, INSERM U932, PSL Research University, Paris, France



09:05 – 09:30 CET

Biodistribution & Uptake

Location: Strauss 1-2

Presenter: Charles Lai – Institute of Atomic and Molecular Sciences, Academia Sinica, Taipei, 106, Taiwan



09:30 – 09:45 CET

Coffee Break

Location: Strauss Foyer



09:45 – 11:15 CET

Analysis: How to prepare EVs? How to characterize them?

Chair: Wolfgang Holnthoner

Chair: Randy Carney



09:45 – 10:10 CET

Sources, pre-analytics & preparation

Location: Strauss 1-2

Presenter: An Hendrix – Laboratory of Experimental Cancer Research, Ghent University, Ghent, Belgium



10:10 – 10:25 CET

Quantification & Single EV analysis

Location: Strauss 1-2

Presenter: Tijana Jovanovic-Taliman (she/her/hers) – Department of Cancer Biology and Molecular Medicine, Beckman Research Institute, City of Hope Comprehensive Cancer Center, Duarte, California 91010, United States.



10:25 – 10:50 CET

Imaging

Location: Strauss 1-2

Presenter: Guillaume van Niel – INSERM U1307 CRCI²NA - Nantes - Angers Cancer and Immunology Research Center - Team 3 EVICAT,

10:50 – 11:15 CET

Omics

Location: Strauss 1-2

Presenter: Suresh Mathivanan – Department of Biochemistry, La Trobe Institute for Molecular Science, La Trobe University, Melbourne, Victoria, Australia



11:15 – 11:45 CET

Viewpoints from the hands-on scientists: challenges and future directions

Chair: Madhusudhan Bobbili

Chair: An Hendrix

Location: Strauss 1-2

Panelist: Claudio A. Pinheiro – Laboratory of Experimental Cancer Research, Department of Human Structure and Repair, Ghent University, Ghent, Belgium

Panelist: Cristóbal A. Cerda-Troncoso – Laboratory for extracellular vesicles research, Department of human genetics, KU Leuven, Leuven, Belgium

Panelist: Olesia Gololobova – Department of Molecular and Comparative Pathobiology, Johns Hopkins Medicine, Baltimore, MD, USA

Panelist: Markus Bergqvist – Krefting Research Centre, Department of Internal Medicine and Clinical Nutrition, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden



11:45 – 13:15 CET

Lunch and Lunch EV-chat by SNEV

Location: Brasserie and Schubert Rooms



13:15 – 15:20 CET

Applications: What are the challenges & opportunities towards EV-based clinical strategies?

Chair: Lucia Languino

Chair: Clotilde Thery



<p>13:15 – 13:40 CET</p> <p>GMP-grade EVs</p> <p>Location: Strauss 1-2</p> <p>Presenter: Mario Gimona – GMP Unit, Paracelsus Medical University Salzburg and Ludwig-Boltzmann Institute for Nanovesicular Precision Medicine</p>	★
<p>13:40 – 14:05 CET</p> <p>EV-engineering</p> <p>Location: Strauss 1-2</p> <p>Presenter: Samir EL Andaloussi – Karolinska Institute</p>	★
<p>14:05 – 14:30 CET</p> <p>EV-biomarker discovery, validation & translation</p> <p>Location: Strauss 1-2</p> <p>Presenter: Carlos Salomon, MSc, DMedSc, PhD – Translational Extracellular Vesicles in Obstetrics and Gynaecology Group, The University of Queensland Centre for Clinical Research, Royal Brisbane and Women's Hospital, Faculty of Medicine, The University of Queensland, Brisbane, QLD, Australia and UQ Centre for Extracellular Vesicle Nanomedicine, The University of Queensland, Brisbane, QLD, Australia</p>	★
<p>14:30 – 14:55 CET</p> <p>Microfluidics & emerging technologies</p> <p>Location: Strauss 1-2</p> <p>Presenter: Shannon Stott – Krantz Family Center for Cancer Research, Massachusetts General Hospital/ Harvard Medical School, Boston, MA, United States</p>	★
<p>14:55 – 15:20 CET</p> <p>EV Heterogeneity & clinical applications</p> <p>Location: Strauss 1-2</p> <p>Presenter: Randy P. Carney – University of California, Davis</p>	★
<p>15:20 – 15:50 CET</p> <p>Coffee Break</p> <p>Location: Strauss Foyer</p>	★
<p>15:50 – 17:05 CET</p> <p>Reproducibility: Reporting, data deposition & guidelines</p> <p>Chair: Suresh Mathivanan</p> <p>Chair: Edit Buzas</p>	^
<p>15:50 – 16:15 CET</p> <p>Guidelines, materials & activities</p> <p>Location: Strauss 1-2</p> <p>Presenter: Rienk Nieuwland – Laboratory of Experimental Clinical Chemistry, Amsterdam UMC</p>	★
<p>16:15 – 16:40 CET</p> <p>EV-related databases</p>	★

Location: Strauss 1-2

Presenter: Aleksander Milosavljevic – Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, Texas, United States

16:40 – 17:05 CET

AI-integration in EV research

Location: Strauss 1-2

Presenter: Mei He – University of Florida



17:05 – 17:35 CET

Viewpoints from hands-on scientists: challenges and future perspectives

Location: Strauss 1-2

Panelist: Madhusudhan Reddy Bobbili, n/a – Ludwig Boltzmann Institute for Traumatology

Panelist: Sara Veiga – Krantz Family Center for Cancer Research, Massachusetts General Hospital, Boston, MA, USA.

Panelist: Tom A. P. Driedonks – Department of CDL Research, University Medical Center Utrecht, Utrecht, The Netherlands

Panelist: Rodolphe William Poupardin – Institute of Experimental and Clinical Cell Therapy , PMU



17:35 – 18:00 CET

Quiz & Closing

Location: Strauss 1-2



18:30 – 21:30 CET

Education Day Evening Event

Location: Aula der Wissenschaften, Aula der Wissenschaften, Wollzeile 27a, A-1010 Wien



Thursday, April 24, 2025

07:30 – 17:00 CET

Registration



08:30 – 09:00 CET

Opening Welcome

Location: Plenary - Hall C



09:00 – 10:00 CET

Plenary 1 & Featured Abstract

Converging EV, LNP, and virus biology; towards oral RNA Drugs

Plenary: Nicole Meisner-Kober



Chair: Eva-Maria Krämer-Albers

Co-Chair: Andreas Möller

09:00 – 09:45 CET

Plenary 1: Converging EV, LNP, and virus biology; towards oral RNA Drugs

Location: Plenary - Hall C

Presenter: Nicole Meisner-Kober – Ludwig Boltzmann Institute for Nanovesicular Precision Medicine, Paris Lodron University of Salzburg, Austria



09:45 – 10:00 CET

Featured Abstract: Development of membrane fusion engineered extracellular vesicles as antigen presentation carriers to improve the efficacy of HER2 antibody-drug conjugates

Location: Plenary - Hall C

Presenting Author: Shili Yao, n/a – School of Materials Science and Engineering, Faculty of Medicine, Tianjin University

Disease and therapy



10:00 – 10:30 CET

Coffee Break



10:30 – 12:00 CET

OT01 EV Biomarkers 1

Chair: Franz Ricklefs

Co-Chair: Sara Veiga



10:30 – 11:00 CET

OT01.0 - Liquid Biopsy for CNS Tumors Using Tumor-secreted EVs

Location: Strauss 2

Presenter: Franz Lennard. Ricklefs – 7. Department of Neurosurgery, University Medical Center Hamburg-Eppendorf, Hamburg, Germany.

Disease and therapy



11:00 – 11:15 CET

OT01.1 - Longitudinal monitoring of glioblastoma sEV evolution using a nanodiagnostic to detect emergence of glioma stem cells driving recurrent disease

Location: Strauss 2

Presenting Author: Zhen Zhang, n/a – The University of Queensland Australian Institute for Bioengineering and Nanotechnology

Disease and therapy



11:15 – 11:30 CET

OT01.2 - From challenge to opportunity: a methodology to measure reproducible EV concentrations

Location: Strauss 2

Presenting Author: Britta A. Bettin, n/a – Amsterdam UMC, University of Amsterdam

Disease and therapy





11:30 – 11:45 CET

OT01.3 - Plasma extracellular vesicle-associated protease activity as a technically robust functional biomarker for uveal melanoma treatment response

Location: Strauss 2

Presenting Author: Jan Van Deun, PhD – Universitätsklinikum Erlangen

Disease and therapy



11:45 – 12:00 CET

OT01.4 - Unveiling neuroblastoma: characterizing the proteome and surface markers of extracellular vesicle to discover new biomarkers and elucidate premetastatic niche formation

Location: Strauss 2

Presenting Author: Martin Auber, n/a – Charité – University Medicine Berlin

Disease and therapy



10:30 – 12:00 CET

OT02 Mechanisms of EV Biogenesis

Chair: Guillaume van Niel

Co-Chair: Cristóbal Cerda-Troncoso



10:30 – 11:00 CET

OT02.0 - The winding road of CD63

Location: Lehar 3-4

Presenter: Guillaume van Niel – INSERM U1307 CRCI²NA - Nantes - Angers Cancer and Immunology Research Center - Team 3 EVICAT,

EV sources and basic biology



11:00 – 11:15 CET

OT02.1 - RalA/B cooperate with EHD4 to shape multi-vesicular bodies for tumor EVs secretion

Location: Lehar 3-4

Presenting Author: Kuang-Jing Huang – UMR_S1109 Tumor Biomechanics

EV sources and basic biology



11:15 – 11:30 CET

OT02.2 - Phase separation induce the generation and cargo sorting of exosomes in multivesicular bodies

Location: Lehar 3-4

Presenting Author: Kaixiang Zhang (he/him/his) – Tsinghua University

EV sources and basic biology



11:30 – 11:45 CET

OT02.3 - Amphictosome release and “torn bag” secretion: a general exocytosis-independent mechanism for small extracellular vesicle release

Location: Lehar 3-4

Presenting Author: Tamás Visnovitz, n/a – Semmelweis University, Institute of Genetics, Cell- and Immunobiology

EV sources and basic biology

11:45 – 12:00 CET

OT02.4 - Systemic propagation of STING signaling via generation of large extracellular vesicles

Location: Lehar 3-4

Presenting Author: Jiae Lee, n/a – California State University Long Beach

EV sources and basic biology



10:30 – 12:00 CET

OT03 Host-Pathogen Interaction

Chair: Hernando del Portillo

Co-Chair: Barbara Santos



10:30 – 11:00 CET

OT03.0 - Molecular insights on EV-mediated host-pathogen interactions

Location: Lehar 1-2

Presenter: Hernando A. del Portillo, PhD – ISGlobal IGTP ICREA

EV sources and basic biology



11:00 – 11:15 CET

OT03.1 - "Proteomic and Lipidomic Insights into Toxoplasma gondii Extracellular Vesicles"

Location: Lehar 1-2

Presenting Author: Teresa Cruz Bustos, n/a (she/her/hers) – university of veterinary medicine of Vienna

EV sources and basic biology



11:15 – 11:30 CET

OT03.2 - Endothelial Colony-Forming Cell-Derived Extracellular Vesicles Mitigate Immune and Cardiac Dysfunction in a Sepsis Model

Location: Lehar 1-2

Presenting Author: Luigi Menna (he/him/his) – Department of Genetics, Cell- and Immunobiology

Physiology and pathology



11:30 – 11:45 CET

OT03.3 - Translocation and implication for disease pathogenesis of bacterial extracellular vesicles from gut commensal pathobiont Klebsiella pneumoniae in distant organs

Location: Lehar 1-2

Presenting Author: Hitoshi Tsugawa, n/a – TOKAI University School of Medicine

Physiology and pathology





11:45 – 12:00 CET

OT03.4 - Single-cell RNA-Seq revealed that Legionella pneumophila-derived extracellular vesicles reprogram host macrophages to facilitate pathogen survival and spread

Location: Lehar 1-2

Presenting Author: - Ayesha – The Hong Kong Polytechnic University

Physiology and pathology



10:30 – 12:00 CET

OT04 Enrichment & Capture

Chair: Cesar Castro

Co-Chair: Claudio Pinheiro



10:30 – 11:00 CET

OT04.0 - Integrating CRISPR into extracellular vesicle-focused assays for precision oncology

Location: Strauss 1

Presenter: Cesar Castro – MGH

Technologies and methods



11:00 – 11:15 CET

OT04.1 - Extracellular Vesicle Online Knowledge Explorer (EVOKE) - A guiding tool for the selection of extracellular vesicles preparation methods

Location: Strauss 1

Presenting Author: Claudio A. Pinheiro – Laboratory of Experimental Cancer Research, Department of Human Structure and Repair, Ghent University, Ghent, Belgium

Technologies and methods



11:15 – 11:30 CET

OT04.2 - Selective enrichment of circulating cardiac-derived extracellular vesicles for disease monitoring

Location: Strauss 1

Presenting Author: Monique S. Bagwell, n/a – Mayo Clinic

Technologies and methods



11:30 – 11:45 CET

OT04.3 - NANOSPACER: Nanofluidic sizing of extracellular vesicles and biomacromolecules in solution

Location: Strauss 1

Presenting Author: Oliver Vanderpoorten, n/a – UiT The Arctic University of Norway

Technologies and methods



11:45 – 12:00 CET

OT04.4 - Targeted isolation of prostate-derived EVs enhances the detection of tumor-specific markers for cancer diagnosis

Location: Strauss 1

Presenting Author: Yohan Kim, PhD (he/him/his) – Mayo Clinic

Technologies and methods

12:00 – 14:30 CET

Lunch break

Location: Hall C



12:30 – 13:30 CET

Sponsor lunch: Beckman Coulter Title: Harnessing the CytoFLEX nano for Extracellular Vesicle and Nanoparticle Analysis

Speaker: Dr. Joshua Price, PhD, University of Birmingham, Department of Inflammation and Ageing

Location: Stolz 1



12:30 – 13:30 CET

Sponsor lunch: Eppendorf

Location: Schubert 4-6



12:30 – 13:30 CET

Sponsor lunch: Nano FCM

Location: Schubert 1-3



12:30 – 13:30 CET

Sponsor lunch: Particle Metrix

Location: Stolz 2



12:30 – 14:30 CET

Poster Session 1 -Thursday Session One Posters



14:30 – 16:00 CET

OT05 EV Therapeutics Development

Chair: Bernd Giebel

Co-Chair: Alexander Otahal



14:30 – 15:00 CET

OT05.0 - MSC-EVs: Unlocking Clinical Potential and Overcoming Translational Challenges

Location: Strauss 2

Presenter: Bernd Giebel, Prof – Institute for Transfusion Medicine, University Hospital Essen, University of Duisburg-Essen, Essen, Germany

Disease and therapy



15:00 – 15:15 CET

OT05.1 - Dual-function extracellular vesicles for mRNA and enzyme co-delivery in Fabry disease therapy

Location: Strauss 2



Presenting Author: Sin-Yu Chen, n/a – Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University, Taipei, Taiwan.

Disease and therapy

15:15 – 15:30 CET

OT05.2 - Enhanced delivery of RNA therapeutics via extracellular vesicles for targeted treatment of peritoneal and lung metastases

Location: Strauss 2

Presenting Author: Tram TT Nguyen, n/a – Yong Loo Lin School of Medicine, National University of Singapore

Disease and therapy



15:30 – 15:45 CET

OT05.3 - RNA-based therapies by red blood cell-derived extracellular vesicle mimetics: a new platform for the development of easily translatable and scalable therapeutics for chronic and metabolic diseases

Location: Strauss 2

Presenting Author: Sara Biagiotti – Department of Biomolecular Sciences, University of Urbino Carlo Bo

Disease and therapy



15:45 – 16:00 CET

OT05.4 - An engineered siRNA backbone improves siRNA delivery via extracellular vesicles

Location: Strauss 2

Presenting Author: Sander A.A. Kooijmans, n/a – UMC Utrecht

Disease and therapy



14:30 – 16:00 CET

OT06 EV Release, Targeting and Uptake

Chair: Steffen Goletz

Co-Chair: Tom Driedonks



14:30 – 15:00 CET

OT06.0 - Cell-based glycoengineering for modulation and improvement of delivery and uptake of EV to target cells

Location: Strauss 1

Presenter: Steffen Goletz – Department of Biotechnology and Biomedicine, Technical University of Denmark

EV sources and basic biology



15:00 – 15:15 CET

OT06.1 - Stress-Induced Modifications in NPCE-Derived Extracellular Vesicle Lipidome and microRNA Content Alter Trabecular Meshwork Cell Function: Implications for Glaucoma Pathogenesis

Location: Strauss 1

Presenting Author: Elie Beit-Yannai, n/a – Ben-Gurion University of the Negev,



EV sources and basic biology

15:15 – 15:30 CET

OT06.2 - Deciphering the fate of tumor derived EVs within dendritic cells

Location: Strauss 1

Presenting Author: Louise Merle – Institut Curie Research center, INSERM U932, PSL Research University, Paris, France



EV sources and basic biology

15:30 – 15:45 CET

OT06.3 - Lipid fluidity regulates EV budding from the plasma membrane

Location: Strauss 1

Presenting Author: Ann M. Wehman, n/a – Texas A&M University



EV sources and basic biology

15:45 – 16:00 CET

OT06.4 - Decoding de novo synthesized proteins in the polarized macrophage's soluble and EV-enclosed secretomes and their uptake into fibroblasts

Location: Strauss 1

Presenting Author: Ulrike Resch, n/a – Center for Physiology and Pharmacology (Institute of Vascular Biology and Thrombosis Research), Medical University of Vienna



EV sources and basic biology

14:30 – 16:00 CET

OT07 Tissue Homeostasis

Chair: Stefan Momma

Co-Chair: Seiko Matsuo



14:30 – 15:00 CET

OT07.0 - Preserving Quiescence: Multidrug Transporter-Driven EV Release in Stem Cell Homeostasis

Location: Lehar 3-4

Presenter: Stefan Momma, n/a – Goethe University Frankfurt



Physiology and pathology

15:00 – 15:15 CET

OT07.1 - Role of cardiomyocyte-derived extracellular vesicles in post-ischemic cardiac remodeling

Location: Lehar 3-4

Presenting Author: Lélia Borowski, n/a (she/her/hers) – Université Paris cité, INSERM U970, PARCC, Paris, France



Physiology and pathology

15:15 – 15:30 CET

OT07.2 - Novel Insights into Extracellular Vesicle Trafficking in Cardiac Injury

Location: Lehar 3-4



Presenting Author: Jiang Chang, n/a – Texas A&M University

Physiology and pathology

15:30 – 15:45 CET

OT07.3 - Podocyte exopher-formation in membranous nephropathy

Location: Lehar 3-4

Presenting Author: Karen Lahme, n/a (she/her/hers) – Institute of Cellular and Integrative Physiology, University Medical Center Hamburg-Eppendorf, Hamburg

Physiology and pathology



15:45 – 16:00 CET

OT07.4 - Intra-nephron cross talk through exosomes

Location: Lehar 3-4

Presenting Author: Janina Müller-Deile, n/a – Universitätsklinikum Erlangen

Physiology and pathology



14:30 – 16:00 CET

OT08 Single EV Analysis

Chair: Andre Görgens

Co-Chair: Chin-Ya Chiang



14:30 – 15:00 CET

OT08.0 - Understanding EV Heterogeneity - The Final Frontier?

Location: Lehar 1-2

Presenter: André Görgens, PhD – Karolinska Institutet

Technologies and methods



15:00 – 15:15 CET

OT08.1 - Squeezable Hydrogel Microparticles for Single Extracellular Vesicle Protein Profiling

Location: Lehar 1-2

Presenting Author: Jina Ko, n/a – University of Pennsylvania

Technologies and methods



15:15 – 15:30 CET

OT08.2 - Single Extracellular Vesicle Nanoscopy-Universal Protocol (SEVEN-UP): accessible imaging platform for quantitative characterization of single extracellular vesicles

Location: Lehar 1-2

Presenting Author: Tijana Jovanovic-Talisman (she/her/hers) – Department of Cancer Biology and Molecular Medicine, Beckman Research Institute, City of Hope Comprehensive Cancer Center, Duarte, California 91010, United States.

Technologies and methods





15:30 – 15:45 CET

OT08.3 - Mapping single extracellular vesicle landscapes to dissect tumour heterogeneity and evolution of drug resistance in glioblastoma

Location: Lehar 1-2

Presenting Author: Mahsa Jalali, n/a – Research Institute of McGill University Health Center (RI-MUHC)

Technologies and methods



15:45 – 16:00 CET

OT08.4 - Single vesicle-resolved lipidomics of extracellular vesicles via mass spectrometry imaging to untangle the EV interactome in ovarian cancer

Location: Lehar 1-2

Presenting Author: Randy P. Carney – University of California, Davis

Technologies and methods



16:00 – 16:30 CET

Coffee Break



16:30 – 17:30 CET

Mixed Format: SNEV Meet the EV-experts Session I: Fundamental and Physiology

Location: Stolz 2

Moderator: Cristóbal A. Cerda-Troncoso – Laboratory for extracellular vesicles research, Department of human genetics, KU Leuven, Leuven, Belgium

Moderator: Maimonah E. Al-Masawa, n/a – Department for Tissue Engineering and Regenerative Medicine (DTERM), UKM

Panelist: Harald Stenmark

Panelist: An Hendrix – Laboratory of Experimental Cancer Research, Ghent University, Ghent, Belgium

Panelist: Charles Lai – Institute of Atomic and Molecular Sciences, Academia Sinica, Taipei, 106, Taiwan

Panelist: Alissa M. Weaver, M.D., Ph.D. – Vanderbilt University

Panelist: Suresh Mathivanan – Department of Biochemistry, La Trobe Institute for Molecular Science, La Trobe University, Melbourne, Victoria, Australia

Panelist: Guillaume van Niel – INSERM U1307 CRCI²NA - Nantes - Angers Cancer and Immunology Research Center - Team 3 EVICAT,

Panelist: Thomas Brocker (he/him/his) – LMU Munich

Panelist: Roosmarijn E. Vandenbroucke, PhD – Flemish Institute for Biotechnology - Ghent University

Panelist: Stefan Momma, n/a – Goethe University Frankfurt



16:30 – 17:30 CET

Mixed Format: ISEV Committee Translation, Regulation and Advocacy (TRA) "Bridging the gap between basic, industry and clinical science: limitations and solutions"

Location: Stolz 1

Moderator: Juan Manuel M. Falcón, PhD – CIC bioGUNE, Derio, Pais Vasco, Spain



16:30 – 17:30 CET

Mixed Format: Key Questions in the Field

Location: Plenary - Hall C

Moderator: Kenneth W. Witwer (he/him/his) – Johns Hopkins University, Baltimore, Maryland, United States

Moderator: Eva-Maria Krämer-Albers, n/a – Johannes Gutenberg University Mainz

Panelist: Clotilde Thery – Institut Curie Research center, INSERM U932, PSL Research University, Paris, France

Panelist: Esther N.M Nolte-'t Hoen, Dr. – Utrecht University

Panelist: Hang Hubert Yin, PhD – Tsinghua University School of Pharmaceutical Sciences

Panelist: Randy P. Carney – University of California, Davis

16:30 – 17:30 CET

Mixed Format: Solid Tissue Task Force Roundtable

Location: Schubert 1-3

Moderator: Rossella Crescitelli (she/her/hers) – Sahlgrenska Center for Cancer Research and Wallenberg Centre for Molecular and Translational Medicine, Department of Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

Moderator: Lucia Paolini – Department of Medical and Surgical Specialties, Radiological Sciences and Public Health (DSMC), University of Brescia

Panelist: Yiyao Huang, MD (she/her/hers) – Southern Medical University

Panelist: Stephanie N. Hurwitz, MD, PhD – University of Pennsylvania

Panelist: Efrat Levy, n/a – Center for Dementia Research at the Nathan S. Kline Institute (NKI) and NYU School of Medicine

Panelist: Berta Puig, n/a – University Medical Center Hamburg-Eppendorf

Panelist: Laura J. Vella, PhD (she/her/hers) – The Florey



19:00 – 23:30 CET

ISEV2025 Networking Event (Ticket required)



Friday, April 25, 2025

08:30 – 10:00 CET

OF09 EVs in Tissue Injury and Repair

Chair: Subhadip Ghatak

Co-Chair: Maimonah Al-Masawa



08:30 – 09:00 CET

OF09.0 - Decoding the Healing Dialogues

Location: Lehar 3-4

Presenter: Subhadip Ghatak, PhD – Indiana University

Disease and therapy



09:00 – 09:15 CET

OF09.1 - Classical Ly6C^{high} monocytes play a critical role in mediating neuroprotection by mesenchymal stromal cell-derived small extracellular vesicles after ischemic stroke in mice

Location: Lehar 3-4

Presenting Author: Chen Wang, n/a – Department of Neurology, University Hospital Essen, University of Duisburg-Essen, Essen, Germany



Disease and therapy

09:15 – 09:30 CET

OF09.2 - The effect of trimeric superoxide dismutase 1 on EVs in ALS

Location: Lehar 3-4

Presenting Author: Brianna Hnath, n/a – Penn State University College of Medicine



Disease and therapy

09:30 – 09:45 CET

OF09.3 - Mechanically activated extracellular vesicles regulate angiogenesis for bone repair at different stages of the osteogenic lineage

Location: Lehar 3-4

Presenting Author: David A. Hoey, TCD – Trinity College Dublin



Disease and therapy

09:45 – 10:00 CET

OF09.4 - Recurrent Intranasal Administrations of Neural Stem Cell-Derived EVs Restrain Neuroinflammation and Maintain Better Cognitive function for Extended Periods in a Model of Alzheimer's Disease

Location: Lehar 3-4

Presenting Author: Ashok K. Shetty, n/a (he/him/his) – Institute for Regenerative Medicine, Dept of Cell Biology and Genetics, Texas A&M University College of Medicine



Disease and therapy

08:30 – 10:00 CET

OF10 EV Corona

Chair: Khuloud Al-Jamal

Co-Chair: Martin Wolf



08:30 – 09:00 CET

OF10.0 - Modulating Protein Corona on EVs When They Are Born for Effortless Cell Targeting

Location: Strauss 2

Presenter: Khuloud Al-Jamal, n/a (she/her/hers) – University of Hong Kong, Hong Kong



EV sources and basic biology

09:00 – 09:15 CET

OF10.1 - Single-particle analysis reveals the presence of tRNA fragments on the surface of extracellular vesicles

Location: Strauss 2

Presenting Author: Hannah Weissinger – Aarhus University



EV sources and basic biology



09:15 – 09:30 CET

OF10.2 - Chitosan oligosaccharides inhibit protein corona formation on extracellular vesicles to facilitate sepsis treatment

Location: Strauss 2

Presenting Author: Mengyun Wang – Institute of Nephrology, Zhong Da Hospital, Southeast University School of Medicine

EV sources and basic biology



09:30 – 09:45 CET

OF10.3 - Tracking the extracellular vesicle biomolecular corona in physiological environments

Location: Strauss 2

Presenting Author: Annalisa Radeghieri, n/a (she/her/hers) – University of Brescia

EV sources and basic biology



09:45 – 10:00 CET

OF10.4 - TGF- β -activated cancer-associated fibroblasts remodel the tumor microenvironment through extracellular vesicle surface-associated proteins

Location: Strauss 2

Presenting Author: Chao Li, n/a – Leiden University Medical Center

EV sources and basic biology



08:30 – 10:00 CET

OF11 Cancer & Metastasis

Chair: David Lyden

Co-Chair: Chisom Uzendu



08:30 – 09:00 CET

OF11.0 - The metastatic and systemic effects of tumor-derived EVPs

Location: Strauss 1

Presenter: David C. Lyden, MD, PhD (he/him/his) – Weill Cornell Medicine

EV sources and basic biology



09:00 – 09:15 CET

OF11.1 - Targeting Rab27B-mediated extracellular vesicle release evokes DNA damage response in ER-positive breast cancer

Location: Strauss 1

Presenting Author: Lien Lippens, n/a – Laboratory of Experimental Cancer Research, Ghent University, Ghent, Belgium

EV sources and basic biology



09:15 – 09:30 CET

OF11.2 - Extracellular vesicle-mediated release of beta-2 adrenergic receptor by prostate cancer cells and its impact on tumor microenvironment.

Location: Strauss 1

Presenting Author: Krizia Sagini, Dr. – Oslo University Hospital

EV sources and basic biology

09:30 – 09:45 CET

OF11.3 - Delivery of melanoma cell-derived miR-92b-3p by extracellular vesicles promotes the formation of carcinoma-associated fibroblasts through the downregulation of PTEN

Location: Strauss 1

Presenting Author: Dennis Gerloff, n/a – Department of Dermatology and Venereology, Martin-Luther-University Halle-Wittenberg

Physiology and pathology



09:45 – 10:00 CET

OF11.4 - Exploring the role of exercise-induced extracellular vesicles in breast cancer: mechanisms and implications

Location: Strauss 1

Presenting Author: Aija Linē, n/a – Latvian Biomedical Research and Study Centre

Physiology and pathology



08:30 – 10:00 CET

OF12 EV Hybrids & Mimetics

Chair: Giorgia Pastorin

Co-Chair: Hannah O'Toole



08:30 – 09:00 CET

OF12.0 - EV Hybrids and Mimetics for cancer therapy: Challenges and Future Perspectives

Location: Lehar 1-2

Presenter: Giorgia Pastorin, n/a – National University of Singapore

Technologies and methods



09:00 – 09:15 CET

OF12.1 - Single-particle tracking analysis of extracellular vesicles, synthetic vesicles and hybrid vesicles for a deconvoluted understanding of uptake and transfection efficiency

Location: Lehar 1-2

Presenting Author: Mette G. Malle, PhD – Aarhus University

Technologies and methods



09:15 – 09:30 CET

OF12.2 - Modeling cancer cell derived EVs using synthetic vesicles loaded with EV proteins

Location: Lehar 1-2

Presenting Author: Ishman Kaur, n/a – Cancer Research Program, Research Institute of the McGill University Health Centre



Technologies and methods

09:30 – 09:45 CET

OF12.3 - Synthetic extracellular vesicles: Differential effects of membrane and cytosolic proteins on physicochemical properties and functions

Location: Lehar 1-2

Presenting Author: Yunxi Chen – Cancer Research Program, Research Institute of the McGill University Health Centre, Montreal, QC, Canada



Technologies and methods

09:45 – 10:00 CET

OF12.4 - Stable anti-fouling nanospheres to standardize concentration measurements of extracellular vesicles

Location: Lehar 1-2

Presenting Author: Jelle B.J. van den Beukel, n/a – Amsterdam University Medical Center



Technologies and methods

10:00 – 10:30 CET

Coffee Break

Location: Hall C



10:30 – 12:00 CET

Plenary 2 & Featured Abstracts

The ESCRT machinery in biogenesis of intraluminal and extracellular vesicles

Plenary: Harald Stenmark



Chair: An Hendrix

Co-Chair: Ken Witwer

10:30 – 11:15 CET

Plenary 2: The ESCRT machinery in biogenesis of intraluminal and extracellular vesicles

Chair: An Hendrix

Co-Chair: Ken Witwer

Location: Plenary - Hall C

Presenter: Harald Stenmark



11:15 – 11:30 CET

Featured Abstract: Development of a live-cell imaging assay to elucidate spatiotemporal dynamics of extracellular vesicle fusion with target cells

Location: Plenary - Hall C

Presenting Author: Jasper van den Ende, n/a – Utrecht University



Technologies and methods

11:30 – 11:45 CET



Featured Abstract: Clinical trial: First-in-Human Intracochlear Application of Vesicle-Enriched Secretome Fractions (ESCRT)

Presenting Author: Athanasia Warnecke – Department of Otorhinolaryngology, Head and Neck Surgery, Hannover Medical School, Hannover, Germany

Disease and therapy

11:45 – 11:55 CET Sponsor presentation: Beckman Coulter Small particles: the Beckman Coulter Life Sciences perspective Location: Plenary - Hall C	★
11:55 – 12:00 CET Sponsor presentation: ONI	★
12:00 – 13:30 CET Lunch break Location: Hall C	★
12:30 – 13:30 CET Sponsor lunch: ONI Location: Stolz 2	★
12:30 – 13:30 CET Poster Session 1 - Friday Session One Posters	★
12:30 – 13:30 CET Sponsor lunch: Exokeryx Location: Stolz 1	★
12:30 – 13:30 CET Sponsor lunch: Stemcell Technologies Location: Schubert 1-3	★
13:30 – 14:30 CET Mixed Format: Key takeaways from the Scientific Reproducibility Task Forces Location: Schubert 4-6 Moderator: Rienk Nieuwland – Laboratory of Experimental Clinical Chemistry, Amsterdam UMC	★
13:30 – 14:30 CET Mixed Format: Trauma and EVs Location: Business Suite 1&2 Moderator: Johannes Grillari – Ludwig Boltzmann Institute for Traumatology, the research center in cooperation with AUVA, Austria Moderator: Andreas Traweger, n/a – Institute of Tendon and Bone Regeneration; Paracelsus Medical UniversityInstitute of Tendon and Bone Regeneration; Paracelsus Medical University	★
13:30 – 14:30 CET	★

Mixed Format: Clinical Application of EVs - Achievements and Roadblocks?

Location: Plenary - Hall C

Moderator: Eva Rohde, n/a – Department of Transfusion Medicine, Salzburg University Hospital, Paracelsus Medical University, Salzburg

Moderator: Edit I. Buzás – Semmelweis University, Department of Genetics, Cell- and Immunobiology; HUN-REN-SU Translational Extracellular Vesicle Research Group; HCEMM-SU Extracellular Vesicle Research Group, Budapest, Hungary

13:30 – 14:30 CET**Mixed Format: SNEV Meet the EV-experts Session II: Analysis, Reproducibility and Application**

Location: VIP C Lounge

Moderator: Cristóbal A. Cerda-Troncoso – Laboratory for extracellular vesicles research, Department of human genetics, KU Leuven, Leuven, Belgium

Moderator: Drishya Mainali, n/a – The University of Sydney

Panelist: Mario Gimona – GMP Unit, Paracelsus Medical University Salzburg and Ludwig-Boltzmann Institute for Nanovesicular Precision Medicine

Panelist: Shannon Stott – Krantz Family Center for Cancer Research, Massachusetts General Hospital/ Harvard Medical School, Boston, MA, United States

Panelist: Samir EL Andaloussi – Karolinska Institute

Panelist: Bernd Giebel, Prof – Institute for Transfusion Medicine, University Hospital Essen, University of Duisburg-Essen, Essen, Germany

Panelist: Matt Roth – Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, Texas, United States

Panelist: Mei He – Department of Chemical and Petroleum Bioengineering Program, the University of Kansas

Panelist: Jan Lötvall (he/him/his) – Krefting Research Centre, Department of Internal Medicine and Clinical Nutrition, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

Panelist: Tijana Jovanovic-Taliman (she/her/hers) – Department of Cancer Biology and Molecular Medicine, Beckman Research Institute, City of Hope Comprehensive Cancer Center, Duarte, California 91010, United States.

Panelist: Nicole Meisner-Kober – Ludwig Boltzmann Institute for Nanovesicular Precision Medicine, Paris Lodron University of Salzburg, Austria

Panelist: Clotilde Thery – Institut Curie Research center, INSERM U932, PSL Research University, Paris, France

13:30 – 16:30 CET

Poster Switch (session 1 posters removed, session 2 posters installed)

14:30 – 16:00 CET**OF13 EV Biomarkers 2**

Chair: Irene Casanova-Salas

Co-Chair: Larissa Jank



14:30 – 15:00 CET

OF13.0 - Harnessing circulating tumor extracellular vesicles for longitudinal monitoring of cancer evolution and therapeutic response in Prostate Cancer

Location: Strauss 2

Presenter: Irene Casanova Salas – Vall d'Hebron Institute of Oncology (VHIO), Vall d'Hebron Barcelona Hospital Campus

Disease and therapy



15:00 – 15:15 CET

OF13.1 - In vitro characterization of vesicles released by prostate cancer cells dictate PSMA/STEAP1-positive large-EVs as targets to immunocapture tumor-derived EVs ex vivo

Location: Strauss 2

Presenting Author: Lorenzo Messa, n/a – University of Trento

Disease and therapy



15:15 – 15:30 CET

OF13.2 - A novel platform for isolating brain cell-specific extracellular vesicles to profile the cellular environment in multiple pathologies of the brain

Location: Strauss 2

Presenting Author: Richard Lobb – The University of Queensland

Disease and therapy



15:30 – 15:45 CET

OF13.3 - Detection and monitoring of prostate cancer using activity-based biomarkers from plasma extracellular vesicles

Location: Strauss 2

Presenting Author: Cuno Laurin Lange, n/a – Friedrich-Alexander-Universität Erlangen-Nürnberg, Department of Dermatology, Uniklinikum Erlangen

Disease and therapy



15:45 – 16:00 CET

OF13.4 - Circulating extracellular vesicle isomiR networks to predict therapy response in patients with Multiple Myeloma

Location: Strauss 2

Presenting Author: Cristina Gómez-Martín – Amsterdam UMC - Cancer Center Amsterdam

Disease and therapy



14:30 – 16:00 CET

OF14 EVs of different sources

Chair: Janis Müller

Co-Chair: Daniele Noel



14:30 – 15:00 CET

OF14.0 - They are not alone: EVs and viruses sharing and shaping the extracellular space

Location: Lehar 1-2

Presenter: Janis Müller, n/a (he/him/his) – Institute of Virology, Philipps University Marburg, Marburg, Germany

EV sources and basic biology



15:00 – 15:15 CET

OF14.1 - Human Milk-derived Extracellular Vesicles Reduce NF-κB Pathway Activation and NLRP3 Inflammasome Formation in vitro and in vivo.

Location: Lehar 1-2

Presenting Author: Sanoji Wijenayake, n/a (she/her/hers) – The University of Winnipeg

EV sources and basic biology



15:15 – 15:30 CET

OF14.2 - Mesenchymal stromal cells overexpressing hypoxia-inducible factor 1 alpha and notch 1 intracellular domain release small extracellular vesicles with potential for cardiac repair

Location: Lehar 1-2

Presenting Author: Pilar Sepulveda, PS – Instituto de Investigación Sanitaria La Fe

EV sources and basic biology



15:30 – 15:45 CET

OF14.3 - Dual miRNA enriched MSC-sEV Formulation as a Novel Regenerative Modality to Enhance Skin and Hair Regeneration

Location: Lehar 1-2

Presenting Author: Sujata Mohanty, n/a (she/her/hers) – AIIMS, New Delhi

EV sources and basic biology



15:45 – 16:00 CET

OF14.4 - ExRNA Atlas v3 map of extracellular RNA in human biofluids sheds light on the exRNA “dark matter” beyond previously annotated genomic regions

Location: Lehar 1-2

Presenting Author: Robert Fullem, n/a – Department of Molecular and Human Genetics, Baylor College of Medicine

EV sources and basic biology



14:30 – 16:00 CET

OF15 Comparability & Reproducibility

Chair: Rienk Nieuwland

Co-Chair: Maria Chiara Ciferri



14:30 – 15:00 CET

OF15.0 - Building an infrastructure for sustainable reproducibility of EV research

Location: Strauss 1

Presenter: Rienk Nieuwland – Laboratory of Experimental Clinical Chemistry, Amsterdam UMC

Technologies and methods

15:00 – 15:15 CET

OF15.1 - Automated gating for reproducible measurements of extracellular vesicles by flow cytometry

Location: Strauss 1

Presenting Author: Ishwor Thapa – University of Nebraska at Omaha



Technologies and methods

15:15 – 15:30 CET

OF15.2 - Mapping bacterial extracellular vesicle research: insights, best practices and knowledge gaps

Location: Strauss 1

Presenter: Niké Guilbert, n/a – Ghent University



Technologies and methods

15:30 – 15:45 CET

OF15.3 - Stripping the Adsorbed Protein Corona May Improve Immune Detection of EVs

Location: Strauss 1

Presenting Author: András I. Försönits – Semmelweis University, Department of Genetics, Cell- and Immunobiology



Technologies and methods

15:45 – 16:00 CET

OF15.4 - EV Barcode: A Web Resource to Predict EV Source from EV cargo

Location: Strauss 1

Presenting Author: SRIRAM GUMMADI, n/a – La Trobe University



Technologies and methods

14:30 – 16:00 CET

OF16 Immunity and Inflammation

Chair: Thomas Brocker

Co-Chair: Helena Branco



14:30 – 15:00 CET

OF16.0 - EVs and Lymphocytes: Mapping Their Interactions In Vivo

Location: Lehar 3-4

Presenter: Thomas Brocker (he/him/his) – LMU Munich



Physiology and pathology

15:00 – 15:15 CET

OF16.1 - Filaggrin insufficiency leads to accumulation of anti-adhesive proteins associated with keratinocyte-derived sEVs which impacts their propensity for uptake by dendritic cells.

Location: Lehar 3-4



Presenting Author: Danuta Gutowska-Owsiak, n/a – University of Gdańsk

Physiology and pathology

15:15 – 15:30 CET

OF16.2 - Plasma Extracellular Vesicles Control Neutrophil Inflammation via CD39/CD73-Mediated ATP Cleavage

Location: Lehar 3-4

Presenting Author: Martina Fabiano – Johns Hopkins University

Physiology and pathology



15:30 – 15:45 CET

OF16.3 - ESCRT-0-mediated fine-tuning of PD-L1 secretion via small extracellular vesicles

Location: Lehar 3-4

Presenting Author: Xiao-Le Wang – Wuhan University

EV sources and basic biology



15:45 – 16:00 CET

OF16.4 - When cellular couriers spark universal reactions: unveiling the consistent immunogenicity of diverse human EVs in primates

Location: Lehar 3-4

Presenting Author: Olesia Gololobova – Department of Molecular and Comparative Pathobiology, Johns Hopkins Medicine, Baltimore, MD, USA

Physiology and pathology



16:00 – 16:30 CET

Coffee Break



16:30 – 17:30 CET

Poster Session 2 - Friday Session Two Posters



17:45 – 18:45 CET

Satellite Meeting: Annual Global EV Network Meeting

Location: Schubert 4-6

Moderator: Edit I. Buzás – Semmelweis University, Department of Genetics, Cell- and Immunobiology; HUN-REN-SU Translational Extracellular Vesicle Research Group; HCEMM-SU Extracellular Vesicle Research Group, Budapest, Hungary



17:45 – 18:45 CET

Satellite Meeting: EV and host pathogen interaction

Location: VIP C Lounge

Moderator: Ana Claudia Torrecilhas – Departamento de Ciências Farmacêuticas, Unifesp, Diadema, SP, Brazil



17:45 – 19:15 CET

Satellite Meeting: Bacterial EVs: Basics and Beyond Task Force



Location: Stolz 1

Moderator: Simon Swift – University of Auckland, Auckland, New Zealand

17:45 – 19:15 CET

Satellite Meeting: EV exploitation in liquid biopsy/ISEV-ELBS Intersociety Working Group

Location: Strauss 1

Moderator: Caterina Nardella – Department of Cellular, Computational, and Integrative Biology (CIBIO), University of Trento, Trento, Italy



17:45 – 19:15 CET

Satellite Meeting: EVP FAIR-KID Task Force

Location: Schubert 1-3

Moderator: Matt Roth – Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, Texas, United States



17:45 – 19:15 CET

Satellite Meeting: Highlights of ASEV

Location: Lehar 3-4

Moderator: Wolfgang Holnthoner – Ludwig Boltzmann Institute for Traumatology, the research center in cooperation with AUVA, Vienna, Wein, Austria



17:45 – 19:15 CET

Satellite Meeting: Meet the Hurdle - EV Therapeutics and Regulations

Location: Lehar 1-2

Moderator: Eva Rohde, n/a – Department of Transfusion Medicine, Salzburg University Hospital, Paracelsus Medical University, Salzburg

Moderator: Marca H.M. H.M Wauben, PhD – Utrecht University



17:45 – 19:15 CET

Satellite Meeting: SNEV—EVs academic insertion: experiences from young PIs

Location: Strauss 2

Moderator: Cristóbal A. Cerda-Troncoso – Laboratory for extracellular vesicles research, Department of human genetics, KU Leuven, Leuven, Belgium

Moderator: Helena Branco, MSc, n/a – i3S - Institute for Research and Innovation in Health, University of Porto; Department of Biological Sciences, FFUP – Faculty of Pharmacy, University of Porto.

Speaker: Frederik Verweij – INSERM U894 Centre de Psychiatrie et Neurosciences

Speaker: Kerstin Menck, n/a (she/her/hers) – University of Muenster, Dept. of Medicine A, Muenster, Germany

Speaker: Naveed Akbar – Division of Cardiovascular Medicine, Radcliffe Department of Medicine, University of Oxford, Oxford, United Kingdom



Saturday, April 26, 2025

08:30 – 10:00 CET

OS17 Engineering of EVs

Chair: Ke Cheng

Co-Chair: Zachary Troyer



08:30 – 09:00 CET

OS17.0 - EVs for Lung Repair and Drug Delivery

Location: Strauss 1

Presenter: Ke Cheng – UNC-Chapel Hill & NC State University

Technologies and methods



09:00 – 09:15 CET

OS17.1 - Protein corona role in the targeting properties of extracellular vesicles for engineering therapeutic biomimetic nanoparticles

Location: Strauss 1

Presenting Author: María Sancho-Albero, n/a – University of Zaragoza (Aragon Nanoscience and Materials Institute)

Technologies and methods



09:15 – 09:30 CET

OS17.2 - Targeting the tumor microenvironment: a click chemistry-based surface-functionalization method and a therapeutic-loading strategy for artificially produced erythrocyte-derived extracellular vesicles

Location: Strauss 1

Presenting Author: Maria Chiara Ciferri, n/a – University of Genova

Technologies and methods



09:30 – 09:45 CET

OS17.3 - Modulating binding affinity of aptamer-based loading constructs enhances EV-mediated CRISPR/Cas9 delivery

Location: Strauss 1

Presenting Author: Charlotte V. Hegeman, n/a – Pharmaceuticals, UIPS

Technologies and methods



09:45 – 10:00 CET

OS17.4 - Engineering Extracellular Matrix-bound Nanovesicles Secreted by Human Brain Organoids with Different Regional Identity

Location: Strauss 1

Presenting Author: Yan Li, n/a (she/her/hers) – Florida State University

EV sources and basic biology



08:30 – 10:00 CET

OS18 Neurobiology 1

Chair: Zuhang Sheng

Co-Chair: Martina Gabrielli



08:30 – 09:00 CET



OS18.0 - EV-mediated Glia-Neuron Signaling: Enhancing Axonal Energy Metabolism and Synaptogenesis

Location: Lehar 3-4

Presenter: Zu-Hang Sheng, n/a – National Institute of Neurological Disorders and Stroke (NINDS), NIH

Physiology and pathology

09:00 – 09:15 CET

OS18.1 - Alcohol-exposed hepatocyte-derived exosomes sensitize microglia to a pro-inflammatory phenotype via miRNA-122 transfer

Location: Lehar 3-4

Presenting Author: Gyongyi Szabo – Beth Israel Deaconess Medical Center & Harvard Medical School

EV sources and basic biology



09:15 – 09:30 CET

OS18.2 - APOE4/4 induced human microglia secrete extracellular vesicles enriched for proteins associated with immune response and proteasomal pathways

Location: Lehar 3-4

Presenting Author: Yang You – Department of Neuroscience, Mayo Clinic, Jacksonville, FL, USA

Physiology and pathology



09:30 – 09:45 CET

OS18.3 - Brain pericytes: from origins to implications in cell-cell communication within the neurovascular unit through extracellular vesicles

Location: Lehar 3-4

Presenting Author: Julien SAINT-POL, n/a – Université d'Artois - LBHE

Physiology and pathology



09:45 – 10:00 CET

OS18.4 - APOE4 drives neuroinflammation and lipid dysbiosis in Alzheimer's disease by modulating lipid compositions and cell adhesion molecules in brain-derived extracellular vesicles

Location: Lehar 3-4

Presenting Author: Zhengrong Zhang, n/a (she/her/hers) – Department of Neuroscience, Mayo Clinic, Jacksonville, FL, USA

Physiology and pathology



08:30 – 10:00 CET

OS19 Microbial EVs

Chair: Claudia Günther

Co-Chair: Agnieszka Razim



08:30 – 09:00 CET

OS19.0 - Breaking Barriers: Microbial EVs at the Crossroad of Inflammation

Location: Lehar 1-2



Presenter: Claudia Günther, n/a – UKER, Medizinische Klinik 1

EV sources and basic biology

09:00 – 09:15 CET

OS19.1 - Role of extracellular vesicles in placenta-brain dialogue during congenital human cytomegalovirus infection

Location: Lehar 1-2

Presenting Author: Cécile MALNOU, n/a – INSERM - Toulouse 3 University

Physiology and pathology



09:15 – 09:30 CET

OS19.2 - Probiotic extracellular vesicles: Exploring their utility as a preventative and potential treatment approach for colorectal cancer-associated cachexia

Location: Lehar 1-2

Presenting Author: Kyle P. Bramich, n/a – La Trobe University

EV sources and basic biology



09:30 – 09:45 CET

OS19.3 - Bacterial Extracellular Vesicles as Protective Decoys: A Novel Mechanism of Resistance

Location: Lehar 1-2

Presenting Author: Anna Lena Jung, n/a – Institute for Lung Research and Core Facility Flow Cytometry – Bacterial Vesicles, Philipps-University Marburg, Germany

EV sources and basic biology



09:45 – 10:00 CET

OS19.4 - From bacteria with love: Extracellular vesicles as intranasal postbiotics in allergy prevention and treatment

Location: Lehar 1-2

Presenting Author: Irma Schabussova, n/a (she/her/hers) – Institute of Specific Prophylaxis and Tropical Medicine, Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna, Vienna, Austria

EV sources and basic biology



08:30 – 10:00 CET

OS20 EVs in Preclinical Models

Chair: Mario Gimona

Co-Chair: Madhusudhan Bobbili



08:30 – 09:00 CET

OS20.0 - Clinical application of EV-based therapeutics

Location: Strauss 2

Presenter: Mario Gimona – GMP Unit, Paracelsus Medical University Salzburg and Ludwig-Boltzmann Institute for Nanovesicular Precision Medicine



Disease and therapy

09:00 – 09:15 CET

OS20.1 - Therapeutic poxvirus triggers the secretion of extracellular vesicles with immunomodulatory anti-tumoral activity

Location: Strauss 2

Presenting Author: Lucas Walther, n/a – UMR_S1109 Tumor Biomechanics / Transgene S.A.



Disease and therapy

09:15 – 09:30 CET

OS20.2 - Regulation of parasite virulence by extracellular vesicles during malaria infections

Location: Strauss 2

Presenting Author: Pierre-Yves Mantel, n/a – CK-CARE AG - Center for Allergy Research and Education



Disease and therapy

09:30 – 09:45 CET

OS20.3 - Modulation of cancer EVs secretion for improved immunotherapy outcomes in pancreatic cancer

Location: Strauss 2

Presenting Author: Carolina Dias, n/a – i3S – Instituto de Investigação e Inovação em Saúde, Universidade do Porto, Porto, Portugal; FMUP – Faculdade de Medicina, Universidade do Porto, Porto, Portugal



Disease and therapy

09:45 – 10:00 CET

OS20.4 - Development of in vivo genome editing technology using plant-derived extracellular vesicles as drug delivery carriers

Location: Strauss 2

Presenting Author: Tomohiro Umezu, n/a – Tokyo Medical University



Disease and therapy

10:00 – 10:30 CET

Coffee break

Location: Hall C



10:30 – 12:00 CET

Plenary 3 & Featured Abstracts

Exosomes as critical mediators of cell migration

Plenary: Alissa M. Weaver, M.D., Ph.D.



Chair: Metka Lenassi

Co-Chair: Mario Gimona

10:30 – 11:15 CET



Plenary 3: Exosomes as critical mediators of cell migration

Chair: Metka Lenassi

Co-Chair: Mario Gimona

Location: Plenary - Hall C

Presenter: Alissa M. Weaver, M.D., Ph.D. – Vanderbilt University

11:15 – 11:30 CET

Featured Abstract: Non-lytic and active emission of cellular fragments carrying whole genome DNA during cancer cell migration

Location: Plenary - Hall C

Presenting Author: Thupten Tsering, MSc – Cancer Research Program, Research Institute of the McGill University Health Centre, Montreal, QC, Canada

EV sources and basic biology



11:30 – 11:45 CET

Featured Abstract: Syntenin controls extracellular vesicle-induced tumor migration by regulating the expression of adhesion proteins on small extracellular vesicles

Presenting Author: Kerstin Menck, n/a (she/her/hers) – University of Muenster, Dept. of Medicine A, Muenster, Germany

EV sources and basic biology



11:45 – 11:50 CET

Sponsor presentation: Particle Metrix

Location: Plenary - Hall C



11:50 – 11:55 CET

Sponsor presentation: NanoFCM

Location: Plenary - Hall C



11:55 – 12:00 CET

Sponsor presentation: Exokeryx

Location: Plenary - Hall C



12:00 – 13:30 CET

Lunch break

Location: Hall C



12:30 – 13:30 CET

Mixed Format: Meet the Editors Session

Location: VIP Lounge C

Moderator: Jan Lötvald (he/him/his) – Krefting Research Centre, Department of Internal Medicine and Clinical Nutrition, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

Moderator: Andrew F. Hill, PhD – Victoria University, Melbourne, Australia

Panelist: Hang Hubert Yin, PhD – Tsinghua University School of Pharmaceutical Sciences

Panelist: Jennifer Jones – NIH NCI

Panelist: Pascale Zimmermann, n/a – KU Leuven



12:30 – 13:30 CET Sponsor lunch: Everest Biolabs Location: Stolz 1	★
12:30 – 13:30 CET Sponsor lunch: Fujifilm Wako Location: Stolz 2	★
12:30 – 13:30 CET Sponsor lunch: HansaBioMed Life Sciences Location: Schubert 1-3	★
12:30 – 13:30 CET Sponsor lunch: Unchained Labs Location: Schubert 4-6	★
12:30 – 14:30 CET Poster Session 2 - Saturday Session Two Posters	★
14:30 – 16:00 CET OS21 EVs for Cancer Immunotherapy Chair: Wei Guo Co-Chair: Lien Lippens	^
14:30 – 15:00 CET OS21.0 - EVs in Immune Suppression and Tumor Progression Location: Strauss 2 Presenter: Wei Guo, n/a – University of Pennsylvania Disease and therapy	★
15:00 – 15:15 CET OS21.1 - A CD21 and phosphatidylserine-targeting fusion protein binds extracellular vesicles, targets them to B cells and potentiates their T-cell immunogenicity Location: Strauss 2 Presenting Author: annemarijn L. Offens, MS – Karolinska Institutet Disease and therapy	★
15:15 – 15:30 CET OS21.2 - Targeted exosomal delivery of PD-L1 siRNA in lung tumor immunotherapy Location: Strauss 2 Presenting Author: Farrukh Aqil (he/him/his) – Brown Cancer Center and Department of Medicine, University of Louisville, Louisville, KY 40202, USA. Disease and therapy	★
15:30 – 15:45 CET	★

OS21.3 - Mechanisms and functions of CSF1 association to extracellular vesicles in anti-tumor immune responses

Location: Strauss 2

Presenting Author: Clotilde Thery – Institut Curie Research center, INSERM U932, PSL Research University, Paris, France

Disease and therapy

15:45 – 16:00 CET

OS21.4 - Distinct role of large oncosomes in modulating bone marrow microenvironment and promoting metastasis through immune reprogramming in cancer progression

Location: Strauss 2

Presenting Author: Taylon F. Silva (he/him/his) – Cedars-Sinai Medical Center

Disease and therapy



14:30 – 16:00 CET

OS22 Tracking of EVs

Chair: Fred Verweij

Co-Chair: Daniel Bachurski



14:30 – 15:00 CET

OS22.0 - Through the looking glass: tracking EVs in vivo

Location: Lehar 3-4

Presenter: Frederik J. Verweij, PhD – Faculty of Science, Utrecht University

Technologies and methods



15:00 – 15:15 CET

OS22.1 - Manipulation of Tumor Extracellular vesicles biodistribution and uptake in vivo by a cell-surface “EV-Trap”

Location: Lehar 3-4

Presenter: Ela Babursah, n/a – Inserm U1307

Technologies and methods



15:15 – 15:30 CET

OS22.2 - Multiplexed isotopically enriched tellurium-based labeling of the EV proteome (MULTI-TeLEV) allows high-dimensional single-cell profiling of EV uptake from six different EV sources in parallel

Location: Lehar 3-4

Presenting Author: Patrick Hoelker, n/a – Department I of Internal Medicine, Faculty of Medicine, University of Cologne, University Hospital Cologne, Center for Integrated Oncology Aachen Bonn Cologne Duesseldorf, Center for Molecular Medicine Cologne, CECAD Center of Excellence on Cellular Stress Responses in Aging-Associated Diseases, Cologne, Germany

Technologies and methods





15:30 – 15:45 CET

OS22.3 - EVAnalyzer2: Moving from in vitro to in vivo high content single vesicle imaging for quantitative serum and tissue pharmacokinetics of extracellular vesicles using C++ and artificial intelligence-based image analysis.

Location: Lehar 3-4

Presenting Author: Melanie Schürz – Paris Lodron University of Salzburg, Salzburg, Austria and Ludwig Boltzmann Institute for Nanovesicular Precision Medicine, University of Salzburg, Austria

Technologies and methods



15:45 – 16:00 CET

OS22.4 - The making of bi-specific extracellular vesicles for targeted tissue-specific delivery

Location: Lehar 3-4

Presenting Author: Madhusudhan Reddy Bobbili, n/a – Ludwig Boltzmann Institute for Traumatology

Technologies and methods



14:30 – 16:00 CET

OS23 Neurobiology 2

Chair: Roos Vandenbroucke

Co-Chair: Yang You



14:30 – 15:00 CET

OS23.0 - EVs in periphery-brain communication

Location: Lehar 1-2

Presenter: Roosmarijn E. Vandenbroucke, PhD – Flemish Institute for Biotechnology - Ghent University

Physiology and pathology



15:00 – 15:15 CET

OS23.1 - Exploring vitreous humor-derived extracellular vesicles as a window into CNS neurodegenerative and neuroinflammatory processes

Location: Lehar 1-2

Presenting Author: Lies De Groef, n/a – KU Leuven

Physiology and pathology



15:15 – 15:30 CET

OS23.2 - Neuronal extracellular vesicles carrying APOE downregulate filament actin polymerization signaling to inhibit synapse formation in Alzheimer's Disease

Location: Lehar 1-2

Presenting Author: Zhigang Li, n/a – Seventh Affiliated Hospital, Sun Yat-sen University

Physiology and pathology



15:30 – 15:45 CET

OS23.3 - Microglial extracellular vesicles promote synaptic pruning via C1q deposition at the synapse

Location: Lehar 1-2

Presenter: Martina Gabrielli – CNR Institute of Neuroscience

Physiology and pathology

15:45 – 16:00 CET

OS23.4 - Extracellular vesicles modulate the amyloid β aggregation in Alzheimer's disease via surface-expressed prion protein.

Location: Lehar 1-2

Presenting Author: Mohsin Shafiq, n/a – Institute of Neuropathology, University medical center Hamburg-Eppendorf

Physiology and pathology



14:30 – 16:00 CET

OS24 Cross-Kingdom Communication

Chair: Amy Buck

Co-Chair: Macarena Diaz Ubilla



14:30 – 15:00 CET

OS24.0 - EVs in cross-species Interactions: biology & applications

Location: Strauss 1

Presenter: Amy Buck – University of Edinburgh

Physiology and pathology



15:00 – 15:15 CET

OS24.1 - Planarian EVs: efficient transporters of RNAi fragments and other biomolecules

Location: Strauss 1

Presenting Author: Vidyanand (anand) Sasidharan, n/a (he/him/his) – Stowers Institute

EV sources and basic biology



15:15 – 15:30 CET

OS24.2 - Pomegranate-derived nanovesicles as a promising therapy for inflammatory diseases: evidence from mouse models of acute pancreatitis and atopic dermatitis.

Location: Strauss 1

Presenting Author: Christian M. Sánchez-López – Universitat de Valencia

EV sources and basic biology



15:30 – 15:45 CET

OS24.3 - Microalgae-derived extracellular vesicles as multifunctional cosmetic ingredients against oxidative- and UVB-related damages

Location: Strauss 1

Presenting Author: Paola Gargano, n/a – Institute of Biophysics - National Research Council of Italy

Physiology and pathology



<p>15:45 – 16:00 CET</p> <p>OS24.4 - The Sdp-SH3b2 domain contained in extracellular vesicles from the probiotic <i>Lactobacillus johnsonii</i> N6.2 inhibit murine norovirus replication</p> <p>Location: Strauss 1</p> <p>Presenting Author: Graciela L. Lorca, n/a (she/her/hers) – University of Florida</p> <p>Physiology and pathology</p>	★
<p>16:00 – 16:30 CET</p> <p>Coffee break</p> <p>Location: Hall C</p>	★
<p>16:30 – 17:30 CET</p> <p>General Assembly</p> <p>Location: Plenary - Hall C</p>	★
<p>17:45 – 18:45 CET</p> <p>Satellite Meeting: EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research</p> <p>Location: Stolz 1</p> <p>Moderator: An Hendrix – Laboratory of Experimental Cancer Research, Ghent University, Ghent, Belgium</p>	★
<p>17:45 – 19:15 CET</p> <p>Satellite Meeting: EV Pub Quiz by GSEV</p> <p>Location: Schubert 4-6</p>	★
<p>17:45 – 19:15 CET</p> <p>Satellite Meeting: 1st Symposium on Plant Extracellular Vesicles</p> <p>Location: Lehar 3-4</p> <p>Moderator: Gabriella Pocsfalvi – Institute of Biosciences and Bioresources (IBBR) National council research (CNR), Naples, Italy</p>	★
<p>17:45 – 19:15 CET</p> <p>Satellite Meeting: Blood Task Force Meeting</p> <p>Location: VIP C Lounge</p> <p>Moderator: Fabrice Lucien, PhD – Mayo Clinic</p> <p>Moderator: Dakota Gustafson – Toronto General Hospital Research Institute, University Health Network</p>	★
<p>17:45 – 19:15 CET</p> <p>Satellite Meeting: EVs in Aging and Regeneration</p> <p>Location: Stolz 2</p> <p>Moderator: Lino Ferreira – Biomaterials and Stem-Cell Based Therapeutics group, CNC- Center for Neuroscience and Cell Biology, University of Coimbra, Portugal</p> <p>Moderator: Johannes Grillari – Ludwig Boltzmann Institute for Traumatology, the research center in cooperation with AUVA, Austria</p>	★

17:45 – 19:15 CET

Satellite Meeting: GUSEV Special Interest Group Session - Roadblocks to EV Biomarker Translation

Location: Schubert 1-3

Moderator: Dylan Burger – Ottawa Hospital Research Institute, Ottawa, Ontario, Canada



17:45 – 19:15 CET

Satellite Meeting: ISEV/ISCT Joint Session: Impact of donor, tissue and cell heterogeneity on the functionality of MSC-sEVs

Location: Lehar 1-2

Moderator: Bernd Giebel, Prof – Institute for Transfusion Medicine, University Hospital Essen, University of Duisburg-Essen, Essen, Germany



17:45 – 19:15 CET

Satellite Meeting: SIG-EViNS social: Extracellular Vesicles in Nervous Systems

Location: Strauss 1

Moderator: Christian Neri, PhD – Institute of Biology Paris-Seine (IBPS), Sorbonne University, CNRS UMR 8256, ERL INSERM U1164



17:45 – 19:15 CET

Satellite Meeting: SNEV-Industry on EVs: transition from academia, professional track, and challenges

Location: Strauss 2

Moderator: Cristóbal A. Cerda-Troncoso – Laboratory for extracellular vesicles research, Department of human genetics, KU Leuven, Leuven, Belgium

Moderator: Carlos Jesus, n/a – Center for Neuroscience and Cell Biology from the University of Coimbra

Speaker: Carlos Salomon, MSc, DMedSc, PhD – Translational Extracellular Vesicles in Obstetrics and Gynae-Oncology Group, The University of Queensland Centre for Clinical Research, Royal Brisbane and Women's Hospital, Faculty of Medicine, The University of Queensland, Brisbane, QLD, Australia and UQ Centre for Extracellular Vesicle Nanomedicine, The University of Queensland, Brisbane, QLD, Australia

Speaker: Steffen Goletz – Department of Biotechnology and Biomedicine, Technical University of Denmark

Speaker: Ke Cheng – UNC-Chapel Hill & NC State University



Sunday, April 27, 2025

08:30 – 10:00 CET

LB01 EV in Disease and Therapy

Chair: Christian Preußner

Co-Chair: Jasper van den Ende



08:30 – 08:45 CET

LB01.1 - Cutting-Edge Multiplexed EV Biomarker Detection: A Game-Changer for Predicting PD-1/PD-L1 Inhibitor Response

Location: Lehar 3-4

Presenting Author: gobbo jessica, n/a – CGFL/ INSERM1231

Disease and therapy



08:45 – 09:00 CET

LB01.2 - Amyotrophic lateral sclerosis proteomic signature and treatment with mesenchymal stem cell-derived extracellular vesicles

Location: Lehar 3-4

Presenting Author: suzy Varderidou-Minasian, n/a – UMC Utrecht

Disease and therapy



09:00 – 09:15 CET

LB01.3 - Exploring the immunomodulatory role of extracellular vesicles in stroma dense colorectal tumours

Location: Lehar 3-4

Presenting Author: Anastasia Walsh – University of Galway

Disease and therapy



09:15 – 09:30 CET

LB01.4 - TNF α inhibitor Thalidomide enhances Osteosarcoma Chemotherapy Sensitivity

Location: Lehar 3-4

Presenting Author: Jianlong Li, n/a – Southern Medical University

Disease and therapy



09:30 – 09:45 CET

LB01.5 - Blood cell-derived extracellular vesicles induce a pro-inflammatory phenotype in tubular epithelial cells of proliferative Lupus Nephritis patients

Location: Lehar 3-4

Presenting Author: Hilal Nur Sensoy, n/a – Department of Pathology, Cancer Center Amsterdam, Amsterdam UMC, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands

Disease and therapy



09:45 – 10:00 CET

LB01.6 - Circulating extracellular vesicles-containing P.gingivalis OMVs from periodontitis patients trigger the release of inflammatory markers and the amyloid- β peptide

Location: Lehar 3-4

Presenting Author: Charles Ramassamy, n/a – INRS-Centre Armand-Frappier Santé-Biotechnologie

Disease and therapy



08:30 – 10:00 CET

LB02 EV - Sources and Basic Biology

Chair: Kerstin Menck

Co-Chair: Thupten Tsering



08:30 – 08:45 CET



LB02.1 - Arabidopsis plants produce distinct subpopulations of extracellular vesicles that alter growth and infectivity of a fungal pathogen

Location: Strauss 2

Presenting Author: Benjamin Koch, n/a – Indiana University

EV sources and basic biology

08:45 – 09:00 CET

LB02.2 - Natural EV vs. synthetic nanoparticle corona stability monitored by single particle spectral flow cytometry

Location: Strauss 2

Presenting Author: Martin Wolf, n/a – Cell Therapy Institute, Paracelsus Medical University (PMU), Salzburg, Austria and Austrian Red Cross Research, Vienna, Austria

EV sources and basic biology



09:00 – 09:15 CET

LB02.3 - Extracellular Vesicle based Transcriptomic investigation on Age- and Microgravity-Exposed 3D Muscle Organoid

Location: Strauss 2

Presenting Author: Samantha Ali, n/a – University of Florida

EV sources and basic biology



09:15 – 09:30 CET

LB02.4 - MBsomes and Other EVs Intercellular Communication in the Skin

Location: Strauss 2

Presenting Author: Mariane Shouky, n/a – Institut Curie

EV sources and basic biology



09:30 – 09:45 CET

LB02.5 - Novel highly sensitive phosphatidylserine-specific reagents allow measuring global EV-turnover in vivo

Location: Strauss 2

Presenting Author: Lavinia Flaskamp, n/a (she/her/hers) – LMU Munich

EV sources and basic biology



09:45 – 10:00 CET

LB02.6 - ICAM5 as a Novel Marker for Neuron-Derived Extracellular Vesicles

Location: Strauss 2

Presenting Author: Manish Bhomia, n/a – Uniformed Services University Of The Health Sciences

EV sources and basic biology



08:30 – 10:00 CET

LB03 EV - Physiology and Pathology

Chair: Lucia Languino

Co-Chair: Juliana Powell



08:30 – 08:45 CET

LB03.1 - Peripheral and central vascular inflammatory proteins after in vivo immune challenge in major depressive disorder

Location: Strauss 1

Presenting Author: Leandra K. Figueroa-Hall, Ph.D. (she/her/hers) – Laureate Institute for Brain Research

Physiology and pathology



08:45 – 09:00 CET

LB03.2 - Omega-3 deficiency is associated with changes in content and function of brain-derived extracellular vesicles.

Location: Strauss 1

Presenting Author: Liam Barry-Carroll, n/a (he/him/his) – Univ. Bordeaux, INRAE, Bordeaux INP, NutriNeuro, UMR 1286, F-33000, Bordeaux, France - Bordeaux (France).

Physiology and pathology



09:00 – 09:15 CET

LB03.3 - Placental extracellular vesicles as mediators in recruiting maternal microchimeric cells

Location: Strauss 1

Presenting Author: Isabel Graf, n/a – Division of Experimental Feto-Maternal Medicine, Department of Obstetrics and Prenatal Medicine, University Medical Center of Hamburg-Eppendorf, Germany

Physiology and pathology



09:15 – 09:30 CET

LB03.4 - Tanycyte-derived extracellular vesicles containing Annexin A1 modulate microglia and neuronal functions to control energy balance

Location: Strauss 1

Presenting Author: Rafik Dali, n/a – Department of Biomedical Sciences - University of Lausanne

Physiology and pathology



09:30 – 09:45 CET

LB03.5 - Human milk extracellular vesicles drive GFAP expression and affect proliferation in differentiating neural stem cells in vitro

Location: Strauss 1

Presenting Author: Marco Blasioli, n/a – Utrecht University

Physiology and pathology



09:45 – 10:00 CET

LB03.6 - Extracellular Vesicle-Mediated Antigen Trafficking and Innate Immune Modulation in Bacterial Infection



Location: Strauss 1

Presenting Author: Mariola J. Ferraro, n/a – University of Florida

Physiology and pathology

08:30 – 10:00 CET

LB04 EV - Technology and Methods

Chair: Nicole Meisner-Kober

Co-Chair: Shili Yao



08:30 – 08:45 CET

LB04.1 - Label-free sizing and multiplexed protein detection on single extracellular vesicles

Location: Lehar 1-2

Presenting Author: Andreas Wallucks, n/a – McGill University

Technologies and methods



08:45 – 09:00 CET

LB04.2 - Engineering Strategies Based on Skin Structure for Optimized Exosome Delivery

Location: Lehar 1-2

Presenting Author: Ji Hoon Ha, n/a – Kolmar Korea

Technologies and methods



09:00 – 09:15 CET

LB04.3 - Exploring syntenin-syndecan biosynthetic approaches for extracellular vesicle (EV)-based delivery

Location: Lehar 1-2

Presenting Author: Pascale Zimmermann, n/a – KU Leuven

Technologies and methods



09:15 – 09:30 CET

LB04.4 - Nanophotonic liquid biopsy of circulating small extracellular vesicles for hepatocellular carcinoma detection

Location: Lehar 1-2

Presenting Author: Wei-Chuan Shih, n/a – University of Houston

Technologies and methods



09:30 – 09:45 CET

LB04.5 - Study of the properties of modified vesicles as therapeutic vehicles

Location: Lehar 1-2

Presenter: Guillaume Van Niel – Université de Paris, Institute of Psychiatry and Neuroscience of Paris (IPNP), INSERM U1266, F-75014 Paris, France



09:45 – 10:00 CET



LB04.6 - "Cassette-like" extracellular vesicle-modification technology using membrane curvature-sensing peptides for intracellular delivery

Location: Lehar 1-2

Presenting Author: Ikuhiko Nakase, n/a – Graduate School of Science, Osaka Metropolitan University

Technologies and methods

10:00 – 10:30 CET

Coffee break

Location: Hall C Foyer



10:30 – 12:00 CET

Plenary 4 & Featured Abstract

RNA in Exosomes to Extracellular Vesicle Therapeutics - a 20-Year Journey

Plenary: Jan Lötvall



Chair: Eva Rohde

Co-Chair: Benedetta Bussolati

10:30 – 11:15 CET

Plenary 4: RNA in Exosomes to Extracellular Vesicle Therapeutics - a 20-Year Journey

Chair: Eva Rohde

Co-Chair: Benedetta Bussolati

Location: Plenary - Hall C

Presenter: Jan Lötvall (he/him/his) – Krefting Research Centre, Department of Internal Medicine and Clinical Nutrition, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden



11:15 – 11:30 CET

Featured Abstract: Fetoplacental-Derived Extracellular Vesicles Deliver Conceptus-Derived Antigens to Maternal Secondary Lymphoid Tissues for T Cell Recognition

Location: Plenary - Hall C

Presenting Author: Juliana S. Powell, PhD – Thomas E Starzl Transplantation Institute, University of Pittsburgh School of Medicine

Physiology and pathology



11:30 – 11:45 CET

Featured Abstract: How EV Isolation impacts Protein cargo and Function

Location: Plenary - Hall C

Presenting Author: Christian Preußner, n/a – Institute for Tumor Immunology and EV Core Facility, Center for Tumor Biology and Immunology, Philipps University Marburg

Technologies and methods



12:00 – 13:30 CET

Awards and Closing Session

Location: Plenary - Hall C



