



ISEV2025

ANNUAL MEETING | VIENNA AUSTRIA

23 April Education Day

24-27 April Annual Meeting

ISEV2025 - PRELIMINARY PROGRAM

OVERVIEW

Education Day		Main Meeting - full day		Main Meeting - full day		Main Meeting - full day		Main Meeting - half day	
Wed 23rd April		Thurs 24th April		Fri 25th April		Sat 26th April		Sun 27th April	
start time 08:00		08:30		08:30		08:30		08:30	
8.00-08.30am	Welcome								
08.30-09.00		8:00-8:30	Opening	Oral Sessions 9-12		Oral Sessions 17-20		Oral Sessions LB 1-4	
09.00-09.30		9.00-9:45	Plenary 1	OF09,OF10, OF11, OF12		OS17, OS18, OS19, OS20		Late Breaking	
09.30-10.00		9.45-10:00	(Featured abstract)						
10.00-10.30		coffee		coffee		coffee		coffee	
10.30-11.00		Oral Sessions 1-4		10:30-11:15 Plenary 2		10:30-11:15 Plenary 3		10:30-11:15 Plenary 4	
11.00-11.30		OT01, OT02, OT03, OT04							
11.30-12.00				11:15-11:30 Featured abstract & sponsors at		11:15-11:30 Featured abstract & sponsors at end		11:15-11:30 Featured abstract & sponsors at end	
12.00-12.30	Lunch break	Lunch / Poster		Lunch		Lunch		Wrap-up Session	
12.30-1.00pm		Sponsor Sessions (1h)	Poster Session 1 (2h)	Sponsor Sessions (1h)	Poster Session 1 (1h)	Sponsor Sessions (1h)	Poster Session 2 (2h)	Awards and close	
1.00-1.30pm				switch posters @1:30					
1.30-2.00		Poster Session 1		Mixed format/Panel		Poster Session 2			
2.00-2.30									
2.30-3.00		Oral Sessions 5-8		Oral Sessions 13-16		Oral Sessions 21-24			
3.00-3.30		OT05, OT06, OT07, OT08		OF13, OF14, OF15, OF16,		OS21, OS22, OS23, OS24			
3.30-4.00									
4.00-4.30	coffee		coffee		coffee				
4.30-5.00	Mixed format/Panel		Poster session 2 (1h)		General Assembly				
5.00-5.30									
5.30-6.00	Closing			Satellite Sessions (5:45 - 7:15)		Satellite Sessions (5:45 - 7:15)			
6.00-6.30									
6.30-7.00									
	EduDay Event	Networking Event		Board of Directors					



PLENARY SESSIONS

Date	Session	Time	Plenary speaker	Time present	Speaker pre name	Speaker last name	Affiliation	Title
Thurs 24th April	Plenary 1	9.00-10:00	Key note 1	9:00-9:45	Nicole	Meisner-Kober	LBI Nanovesicular Precision Medicine, Salzburg	Converging EV, LNP and virus biology: towards oral RNA drugs
			Featured abstract 1	9.45-10:00	Shili	Yao	Tianjin University	Development of membrane fusion engineered extracellular vesicles as antigen presentation carriers to improve the efficacy of HER2 antibody-drug conjugates
Friday 25th April	Plenary 2	10:30-12:00	Key note 2	10:30-11:15	Harald	Stenmark		The ESCRT machinery in biogenesis of intraluminal and extracellular vesicles
			Featured abstract 2	11:15-11:30	Jasper	van den Ende	Utrecht University	Development of a live-cell imaging assay to elucidate spatiotemporal dynamics of extracellular vesicle fusion with target cells
			Featured abstract 3	11:30-11:45	Athanasia	Warnecke	Hannover Medical School	Clinical trial: First-in-Human Intracochlear Application of Vesicle-Enriched Secretome Fractions (ESCRT)
			Diamond sponsor	11:45-11:55	Beckman Coulter			
			Platinum sponsor	11:55-12:00	ONI			
Saturday 26th April	Plenary 3	10:30-12:00	Key note 3	10:30-11:15	Alissa	Weaver	Vanderbilt University School of Medicine	Exosomes as critical mediators of cell migration
			Featured abstract 4	11:15-11:30	Thupten	Tsering	McGill University	Non-lytic and active emission of cellular fragments carrying whole genome DNA during cancer cell migration
			Featured abstract 5	11:30-11:45	Kerstin	Menck	University of Muenster	Syntenin controls extracellular vesicle-induced tumor migration by regulating the expression of adhesion proteins on small extracellular vesicles
			Platinum sponsor	11:45-11:50	ParticleMetrix			
			Platinum sponsor	11:50-11:55	nanoFCM			
Sunday 27th April	Plenary 4	10:30-12:00	Key note 4	10:30-11:15	Jan	Lotvall	University of Gothenburg	RNA in exosomes to extracellular vesicle therapeutics - a 20 year journey
			Featured abstract 6	11:15-11:30	Juliana	Powell	University of Pittsburgh	Fetoplacental-derived extracellular vesicles deliver conceptus-derived antigens to maternal secondary lymphoid tissues for T cell recognition
			Featured abstract 7	11:30-11:45	Christian	Preußner	Philipps University Marburg	How EV Isolation impacts Protein cargo and Function
			TBD	11:45-12:00				



ORAL SESSIONS TOPICS & LEADSPEAKERS

Date	Time	Oral Session No	Category	Session topic	Lead speaker and/or Chair	Format of Talks
Thurs 24th April	10.30-12:00 am	OT01	dis/ther	EV Biomarkers I	L&C: Franz Ricklefs (Hamburg, Germany)	Breakthrough
Thurs 24th April	10.30-12:00	OT02	basic	Mechanisms of EV Biogenesis	L&C: Guillaume van Niel (Nantes, France)	Breakthrough
Thurs 24th April	10.30-12:00	OT03	phys/path	Host-Pathogen Interaction	L&C: Hernando del Portillo (Barcelona, Spain)	Insight
Thurs 24th April	10.30-12:00	OT04	tech	EV Enrichment & Capture	L&C: Cesar Castro (Boston USA)	Breakthrough
Thurs 24th April	2.30-4.00 pm	OT05	dis/ther	EV Therapeutics Development	L&C: Bernd Giebel (Essen, Germany)	Insight
Thurs 24th April	2.30-4.00	OT06	basic	EV Release, Targeting and Uptake	L&C: Steffen Goletz (Kongens Lyngby, Denmark)	Insight
Thurs 24th April	2.30-4.00	OT07	phys/path	Tissue Homeostasis	L&C: Stefan Momma (Frankfurt, Germany)	Breakthrough
Thurs 24th April	2.30-4.00	OT08	tech	Single EV Analysis	L&C: Andre Görgens (Karolinska, Stockholm)	Insight
Fri 25th April	8.30-10.00 am	OF09	dis/ther	EVs in Tissue Injury and Repair	L&C: Subhadip Ghatak (Pittsburgh, USA)	Breakthrough
Fri 25th April	8.30-10.00	OF10	basic	EV Corona	L&C: Khuloud Al-Jamal (London, UK)	Breakthrough
Fri 25th April	8.30-10.00	OF11	phys/path	Cancer & Metastasis	L&C: David Lyden (New York, US)	Breakthrough
Fri 25th April	8.30-10.00	OF12	tech	EV Hybrids & Mimetics	L&C: Giorgia Pastorin (Singapore)	Insight
Fri 25th April	2.30-4.00 pm	OF13	dis/ther	EV Biomarkers II	L&C: Irene Casanova-Salas (Barcelona, Spain)	Breakthrough
Fri 25th April	2.30-4.00	OF14	basic	EVs of different sources	L&C: Janis Müller (Marburg, Germany)	Frontiers
Fri 25th April	2.30-4.00	OF15	tech	Comparability & Reproducibility	L&C: Rienck Nieuwland (Amsterdam, Netherlands)	Insight
Fri 25th April	2.30-4.00	OF16	phys/path	Immunity and Inflammation	L&C: Thomas Brocker (Munich, Germany)	Frontiers
Sat 26th April	8.30-10.00 am	OS17	tech	Engineering of EVs	L&C: Ke Cheng (New York, USA)	Breakthrough
Sat 26th April	8.30-10.00	OS18	phys/path	Neurobiology I	L&C: Zuhang Sheng (Bethesda, USA)	Frontiers
Sat 26th April	8.30-10.00	OS19	basic	Microbial EVs	L&C: Claudia Günther (Erlangen, Germany)	Breakthrough
Sat 26th April	8.30-10.00	OS20	dis/ther	EVs in Preclinical Models	L&C: Mario Gimona (PMU Salzburg, Austria)	Insight
Sat 26th April	2.30-4.00 pm	OS21	dis/ther	EVs for Cancer Immunotherapy	L&C: Wei Guo (Pennsylvania, USA)	Breakthrough
Sat 26th April	2.30-4.00	OS22	tech	Tracking of EVs	L&C: Fred Verweij (Utrecht, Netherlands)	Insight
Sat 26th April	2.30-4.00	OS23	phys/path	Neurobiology II	L&C: Roos Vandenbroucke (VIB, Ghent, Belgium)	Insight
Sat 26th April	2.30-4.00	OS24	basic	Cross-Kingdom Communication	L&C: Amy Buck (Edinburgh, Scotland)	Insight
Sun 27th April	8.30-10.00	LB01	basic	EV - Sources and Basic Biology	Chair: Kerstin Menck (University Muenster)	no lead talk
Sun 27th April	8.30-10.00	LB02	dis/ther	EV in Disease and Therapy	Chair: Athanasia Warnecke (Hannover Medical School)	no lead talk
Sun 27th April	8.30-10.00	LB03	phys/path	EV - Physiology and Pathology	Chair: Lucia Languino (Jefferson University, US)	no lead talk
Sun 27th April	8.30-10.00 am	LB04	tech	EV - Technology and Methods	Chair: Christian Preußner (Philipps University Marburg)	no lead talk



PRELIMINARY PROGRAM OVERVIEW

24th April 2025 8.30-09.00 ISEV2025 OPENING														
Date	Time	Session	Plenary	Time presenta	Durat	Abstract ID	Speaker pre	Speaker last name	Affiliation	Title				
Thurs 24th April	9.00-10:00	Plenary 1	Key note 1	9:00-9:45	45'		Nicole	Meisner-Kober	LBI Nanovesicular Precision Medicine, Salzburg	Converging EV, LNP and virus biology: towards oral RNA drugs				
PLENARY			Featured abstract 1	9.45-10:00	15'	1982532	Shili	Yao	Tianjin University	Development of membrane fusion engineered extracellular vesicles as antigen presentation carriers to improve the efficacy of HER2 antibody-drug conjugates				
10.00-10.30 Coffee and Exhibition														
Date	Time	Session No.	Session Title and Chairs	Presentation Type	Time	Abstract ID	Speaker First	Speaker last name	Affiliation	Title				
Thurs 24th April	10.30-12:00	OT01	EV Biomarkers I	Lead / Breakthrough	30'		Franz	Ricklefs	(UKE Hamburg, Germany)	Liquid Biopsy for CNS Tumors Using Tumor-secreted EVs				
Disease & Therapy				Selected oral	15'	1965922	Zhen	Zhang	Australian Institute for Bioengineering and Nanotechnology	Longitudinal monitoring of glioblastoma sEV evolution using a nanodiagnostic to detect emergence of glioma stem cells driving recurrent disease				
							Franz Ricklefs	Selected oral	15'	1969905	Britta	Bettin	Department of Clinical Chemistry, Amsterdam UMC location University of Amsterdam, Amsterdam, The Netherlands	From challenge to opportunity: a methodology to measure reproducible EV concentrations
											Sara Veiga	Selected oral	15'	1976960
							Selected oral	15'	1978646	Martin				
Thurs 24th April	10.30-12:00	OT02	Mechanisms of EV Biogenesis	Lead / Breakthrough	30'		Guillaume	van Niel	Nantes, France	The winding road of CD63				
Basic Biology				Selected oral	15'	1982796	Kuang-Jing	HUANG	Centre de recherche en biomédecine de Strasbourg	RalA/B cooperate with EHD4 to shape multi-vesicular bodies for tumor EVs secretion				
							Guillaume van Niel	Selected oral	15'	1976768	Kaixiang	Zhang	Tsinghua University	Phase separation induce the generation and cargo sorting of exosomes in multivesicular bodies
											Mark Samuels	Selected oral	15'	1976941
							Selected oral	15'	1983573	Jiae				
Thurs 24th April	10.30-12:00	OT03	Host-Pathogen Interaction	Lead / Insight	30'		Hernando	del Portillo	Barcelona, Spain	Molecular insights on EV-mediated host-pathogen interactions				
Physiology/Pathology				Selected oral	15'	1967284	Teresa	Cruz Bustos	university of veterinary medicine of Vienna	“Proteomic and Lipidomic Insights into Toxoplasma gondii Extracellular Vesicles”				
							Hernando del Portillo	Selected oral	15'	1978520	Luigi	Menna	Semmelweis University	Endothelial Colony-Forming Cell-Derived Extracellular Vesicles Mitigate Immune and Cardiac Dysfunction in a Sepsis Model
											Julia Papait	Selected oral	15'	1973206
							Selected oral	15'	1980306	Ayesha				
Thurs 24th April	10.30-12:00	OT04	EV Enrichment & Capture	Lead / Insight	30'		Cesar	Castro	Boston USA	Integrating CRISPR into extracellular vesicle-focused assays for precision oncology				
Technology and Methods				Selected oral	15'	1973849	Cláudio	Pinheiro	Ghent University	Extracellular Vesicle Online Knowledge Explorer (EVOKE) - A guiding tool for the selection of extracellular vesicles preparation methods				
							Cesar Castro	Selected oral	15'	1983884	Monique	Bagwell	Mayo Clinic	Selective enrichment of circulating cardiac-derived extracellular vesicles for disease monitoring
											Claudio Pinheiro	Selected oral	15'	1977281
							Selected oral	15'	1980401	Yohan				
12.00-13.30 Lunch / Sponsor Lunch Sessions				13.30-14.30 Exhibition				Posters Session 1						
								Posters Session 1						



Date	Time	Session No.	Session Title and Chairs	Presentation Type	Time	Abstract ID	Speaker First	Speaker last name	Affiliation	Title
Thurs 24th April	2.30-4.00	OT05	EV Therapeutics Development	Lead / Insight	30'		Bernd	Giebel	Essen, Germany	MSC-EVs: Unlocking Clinical Potential and Overcoming Translational Challenges
Disease & Therapy			Bernd Giebel Alexander Otahal	Selected oral	15'	1965968	SIN-YU	CHEN	National Yang Ming Chiao Tung University	Dual-function extracellular vesicles for mRNA and enzyme co-delivery in Fabry disease therapy
				Selected oral	15'	1973046	Tram	Nguyen	Yong Loo Lin School of Medicine, National University of Singapore	Enhanced delivery of RNA therapeutics via extracellular vesicles for targeted treatment of peritoneal and lung metastases
				Selected oral	15'	1977210	Sara	Biagiotti	University of Urbino	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
				Selected oral	15'	1980080	Sander	Kooijmans	University Medical Center Utrecht	An engineered siRNA backbone improves siRNA delivery via extracellular vesicles
Thurs 24th April	2.30-4.00	OT06	EV Release, Targeting and Uptake	Lead / Insight	30'		Steffen	Goletz	Kongens Lyngby, Denmark	tbd
Basic Biology			Steffen Goletz Tom Driedonks	Selected oral	15'	1980043	Elie	Beit-Yannai	en-Gurion University of the Negev, Institut Curie INSERM U932 / Université PSL	Stress-Induced Modifications in NPCE-Derived Extracellular Vesicle Lipidome and microRNA Content Alter Trabecular Meshwork Cell Function: Implications for Glaucoma Pathogenesis
				Selected oral	15'	1978508	Louise	Merle		Deciphering the fate of tumor derived EVs within dendritic cells
				Selected oral	15'	1981681	Ann	Wehman	Texas A&M University	Lipid fluidity regulates EV budding from the plasma membrane
				Selected oral	15'	1980447	Ulrike	Resch	Medical University of Vienna	Decoding de novo synthesized proteins in the polarized macrophage's soluble and EV-enclosed secretomes and their uptake into fibroblasts
Thurs 24th April	2.30-4.00	OT07	Tissue Homeostasis	Lead / Breakthrough	30'		Stefan	Momma	Frankfurt, Germany	Preserving Quiescence: Multidrug Transporter-Driven EV Release in Stem Cell Homeostasis
Physiology/Pathology			Stefan Momma Seiko Matsuo	Selected oral	15'	1978655	Lélia	Borowski	Université Paris cité, INSERM U970, PARCC, Paris, France	Role of cardiomyocyte-derived extracellular vesicles in post-ischemic cardiac remodeling
				Selected oral	15'	1981736	Jiang	Chang	Texas A&M University	Novel Insights into Extracellular Vesicle Trafficking in Cardiac Injury
				Selected oral	15'	1983074	Karen	Lahme	University medical center Hamburg Eppendorf	Podocyte exopher-formation in membranous nephropathy
				Selected oral	15'	1980183	Janina	Müller-Deile	Universitätsklinikum Erlangen	Intra-nephron cross talk through exosomes
Thurs 24th April	2.30-4.00	OT08	Single EV Analysis	Lead / Insight	30'		Andre	Görgens	Stockholm, Sweden	Understanding EV Heterogeneity - The Final Frontier?
Technology and Methods			Andre Görgens Chin-Ya Chiang	Selected oral	15'	1978252	Jina	Ko	University of Pennsylvania	Squeezable Hydrogel Microparticles for Single Extracellular Vesicle Protein Profiling
				Selected oral	15'	1981982	Tijana	Jovanovic-Talisan	Beckman Research Institute, City of Hope	Single Extracellular Vesicle Nanoscopy-Universal Protocol (SEVEN-UP): accessible imaging platform for quantitative characterization of single extracellular vesicles
				Selected oral	15'	1980371	Mahsa	Jalali	Research Institute of McGill University Health Center (RI-MUHC)	Mapping single extracellular vesicle landscapes to dissect tumour heterogeneity and evolution of drug resistance in glioblastoma
				Selected oral	15'	1983140	Randy	Carney	UC Davis	Single vesicle-resolved lipidomics of extracellular vesicles via mass spectrometry imaging to untangle the EV interactome in ovarian cancer
4.00-4.30				Coffee and Exhibition						
4.30-5.30				Mixed Format Sessions SNEV Meet the EV -Experts Session 1: Fundamental and Physiology ISEV Committee Translation, Regulation and Advocacy (TRA) Panel Discussion: Key challenges in EV research						
7pm-11:30pm				NETWORKING EVENT: Palais Liechtenstein, Fürstengasse 1, 1090 Wien, Austria						



25th April 2025	Time	Session No.	Session Title and Chairs	Presentation Type	Time	Abstract ID	Speaker First	Speaker last name	Affiliation	Title	
Fri 25th April Disease & Therapy	8.30-10.00	OF09	EVs in Tissue Injury and Repair Subhadip Ghatak Eva Constanzi	Lead / Breakthrough	30'		Subhadip	Ghatak	Pittsburgh, USA	Decoding the Healing Dialogues	
				Selected oral	15'	1980107	Chen	Wang	Department of Neurology, University Hospital Essen, University of Duisburg-Essen, Essen, Germany	Classical Ly6C ^{high} monocytes play a critical role in mediating neuroprotection by mesenchymal stromal cell-derived small extracellular vesicles after ischemic stroke in mice	
				Selected oral	15'	1980797	Brianna	Hnath	Penn State University College of Medicine	The effect of trimeric superoxide dismutase 1 on EVs in ALS	
				Selected oral	15'	1982557	Carolina	Martins	Trinity College Dublin	Mechanically activated extracellular vesicles regulate angiogenesis for bone repair at different stages of the osteogenic lineage	
				Selected oral	15'	1983395	Ashok	Shetty	Institute for Regenerative Medicine, Dept of Molecular and Cellular Medicine	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	
Fri 25th April Basic Biology	8.30-10.00	OF10	EV Corona Khuloud Al-Jamal Maribel Lara Corona	Lead / Breakthrough	30'		Khuloud	Al-Jamal	London, UK	Modulating Protein Corona on EVs When They Are Born for Effortless Cell Targeting	
				Selected oral	15'	1973270	Hannah	Weissingner	Aarhus University	Single-particle analysis reveals the presence of tRNA fragments on the surface of extracellular vesicles	
				Selected oral	15'	1982191	mengyun	wang	Institute of Nephrology, Zhong Da Hospital, Southeast University School of Medicine	Chitosan oligosaccharides inhibit protein corona formation on extracellular vesicles to facilitate sepsis treatment	
				Selected oral	15'	1967334	Annalisa	Radeghieri	University of Brescia	Tracking the extracellular vesicle biomolecular corona in physiological environments	
				Selected oral	15'	1981944	Chao	Li	Leiden University Medical Center	TGF-β-activated cancer-associated fibroblasts remodel the tumor microenvironment through extracellular vesicle surface-associated proteins	
Fri 25th April Physiology/Pathology	8.30-10.00	OF11	Cancer & Metastasis David Lyden Chisom Uzendu	Lead / Breakthrough	30'		David	Lyden	New York, US	The metastatic and systemic effects of tumor-derived EVPs	
				Selected oral	15'	1974334	Lien	Lippens	UGent - Laboratorium voor Experimenteel Kankeronderzoek	Targeting Rab27B-mediated extracellular vesicle release evokes DNA damage response in ER-positive breast cancer	
				Selected oral	15'	1980132	Krizia	Sagini	Dept. of Molecular Cell Biology, Institute for Cancer Research, Oslo University Hospital	Extracellular vesicle-mediated release of beta-2 adrenergic receptor by prostate cancer cells and its impact on tumor microenvironment.	
				Selected oral	15'	1977063	Dennis	Gerloff	Department of Dermatology and Venereology, Martin-Luther-University Halle-Wittenberg	Delivery of melanoma cell-derived miR-92b-3p by extracellular vesicles promotes the formation of carcinoma-associated fibroblasts through the downregulation of PTEN	
				Selected oral	15'	1983221	Aija	Linē	Latvian Biomedical Research and Study Centre	Exploring the role of exercise-induced extracellular vesicles in breast cancer: mechanisms and implications	
Fri 25th April Technology and Methods	8.30-10.00	OF12	EV Hybrids & Mimetics Giorgia Pastorin Malla Metta	Lead / Insight	30'		Giorgia	Pastorin	Singapore	EV Hybrids and Mimetics for cancer therapy: Challenges and Future Perspectives	
				Selected oral	15'	1982518	Mette	Malle	Aarhus University	Single-particle tracking analysis of extracellular vesicles, synthetic vesicles and hybrid vesicles for a deconvoluted understanding of uptake and transfection efficiency	
				Selected oral	15'	1976716	Ishman	Kaur	Research Institute of the McGill University Health Centre	Comparative proteomics of extracellular vesicles and liposomes show cancer-related proteins and biomarkers	
				Selected oral	15'	1977706	Yunxi	Chen	RI-MUHC	Synthetic extracellular vesicles: Differential effects of membrane and cytosolic proteins on physicochemical properties and functions	
				Selected oral	15'	1965958	Jelle	Beukel	Amsterdam University Medical Center	Stable anti-fouling nanospheres to standardize concentration measurements of extracellular vesicles	
10.00-10.30 Coffee and Exhibition											
Date	Time	Session	Session Title	Presentation Type	Time	Abstract ID	Speaker first	Speaker last name	Affiliation	Title	
Friday 25th April PLENARY	10:30-12:00	Plenary 2	Key note 2		10:30-11:15	45'	Harald	Stenmark	Oslo University Hospital Norway	The ESCRT machinery in biogenesis of intraluminal and extracellular vesicles	
					11:15-11:30	15'	1980561	Jasper	van den Ende	Utrecht University	Development of a live-cell imaging assay to elucidate spatiotemporal dynamics of extracellular vesicle fusion with target cells
					11:30-11:45	15'	2046025	Athanasia	Warnecke	Hannover Medical School	Clinical trial: First-in-Human Intracochlear Application of Vesicle-Enriched Secretome Fractions (ESCRT)
					11:45-11:55	10'		Beckman	Coulter		
			Platinum sponsor		11:55-12:00	5'		ONI			
12.00-13.30 Lunch / Sponsor Lunch Sessions / Exhibition											
13.30-14.30											
Mixed Format Sessions Trauma and EVs SNEV Meet the EV-experts Session II: Analysis, Reproducibility and Application					Posters Session 1 Panel Discussion: Clinical Application of EVs-Achievements and Roadblocks						



25th April 2025	Time	Session No.	Session Title and Chairs	Presentation Type	Time	Abstract ID	Speaker First	Speaker last name	Affiliation	Title
Fri 25th April	2.30-4.00	OF13	EV Biomarkers II	Lead / Breakthrough	30'		Irene	Casanova-Salas	Barcelona, Spain	Harnessing circulating tumor extracellular vesicles for longitudinal monitoring of cancer evolution and therapeutic response in Prostate Cancer
Disease & Therapy			Irene Casanova-Salas	Selected oral	15'	1981790	Lorenzo	Messa	University of Trento	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
				Selected oral	15'	1982189	Richard	Lobb	The University of Queensland	A novel platform for isolating brain cell-specific extracellular vesicles to profile the cellular environment in multiple pathologies of the brain
				Selected oral	15'	1982890	Cuno Laurin	Lange	Friedrich-Alexander-Universität Erlangen-Nürnberg	Detection and monitoring of prostate cancer using activity-based biomarkers from plasma extracellular vesicles
				Selected oral	15'	1982607	Cristina	Gómez Martín	Cancer Center Amsterdam - Amsterdam UMC locatie VUMC	Circulating extracellular vesicle isomiR networks to predict therapy response in patients with Multiple Myeloma
Fri 25th April	2.30-4.00	OF14	EVs of Different Sources	Lead / Frontiers	30'		Janis	Müller	Marburg, Germany	They are not alone: EVs and viruses sharing and shaping the extracellular space
Basic Biology			Janis Müller	Selected oral	15'	1977102	Sanoji	Wijenayake	The University of Winnipeg	Human Milk-derived Extracellular Vesicles Reduce NF-kB Pathway Activation and NLRP3 Inflammasome Formation in vitro and in vivo.
				Selected oral	15'	1980642	Pilar	Sepulveda	Instituto de Investigación Sanitaria La Fe	Mesenchymal stromal cells overexpressing hypoxia-inducible factor 1 alpha and notch 1 intracellular domain release small extracellular vesicles with potential for cardiac repair
				Selected oral	15'	1980056	Sujata	Mohanty	AIIMS, New Delhi	Dual miRNA enriched MSC-sEV Formulation as a Novel Regenerative Modality to Enhance Skin and Hair Regeneration
				Selected oral	15'	1983978	Robert	Fuller	Baylor College of Medicine	ExRNA Atlas v3 map of extracellular RNA in human biofluids sheds light on the exRNA "dark matter" beyond previously annotated genomic regions
Fri 25th April	2.30-4.00	OF15	Comparability & Reproducibility	Lead / Insight	30'		Rienk	Nieuwland	Amsterdam, Netherlands	Building an infrastructure for sustainable reproducibility of EV research
Technology and Methods			Rienck Nieuwland	Selected oral	15'	1981071	Ishwor	Thapa	University of Nebraska at Omaha	Automated gating for reproducible measurements of extracellular vesicles by flow cytometry
				Selected oral	15'	1982483	Amélie	Vander Cruyssen	Ghent University	Mapping bacterial extracellular vesicle research: insights, best practices and knowledge gaps
				Selected oral	15'	1981943	András	Försönits	Semmelweis University, Department of Genetics, Cell- and Immunobiology	Stripping the Adsorbed Protein Corona May Improve Immune Detection of EVs
				Selected oral	15'	1983870	SRIRAM	GUMMADI	La Trobe University	EV Barcode: A Web Resource to Predict EV Source from EV cargo
Fri 25th April	2.30-4.00	OF16	Immunity and Inflammation	Lead / Frontiers	30'		Thomas	Brocker	Munich, Germany	EVs and Lymphocytes: Mapping Their Interactions In Vivo
Physiology/Pathology			Thomas Brocker Mingzhen Zhong	Selected oral	15'	1980330	Danuta	Gutowska-Owsiak	University of Gdańsk	Filaggrin insufficiency leads to accumulation of anti-adhesive proteins associated with keratinocyte-derived sEVs which impacts their propensity for uptake by dendritic cells.
				Selected oral	15'	1982599	Martina	Fabiano	INBIRS-CONICET and MCP-Johns Hopkins	Plasma Extracellular Vesicles Control Neutrophil Inflammation via CD39/CD73-Mediated ATP Cleavage
				Selected oral	15'	1978176	Xiao-Le	Wang	Wuhan university	ESCRT-0-mediated fine-tuning of PD-L1 secretion via small extracellular vesicles
				Selected oral	15'	1982606	Olesia	Gololobova	Johns Hopkins University SOM	When cellular couriers spark universal reactions: unveiling the consistent immunogenicity of diverse human EVs in primates
4.00-4.30				Coffee and Exhibition						
4.30-5.30				Posters session 2						
5.45-7.15				Satellite Sessions 1-9 1: EV exploitation in liquid biopsy/ISEV-ELBS Intersociety Working Group 2: EVs academic insertion: experiences from young PIs 3: Meet the Hurdle - EV Therapeutics and Regulations 4: Highlights of ASEV 5: CLOSED 6: CLOSED 7: EVP FAIR-KID Task Force 8: Annual Global EV Networking Meeting 9: EV and host pathogen interaction						



26th April 2025	Time	Session No.	Session Title and Chairs	Presentation Type	Time	Abstract ID	Speaker First	Speaker last name	Affiliation	Title
Sat 26th April	8.30-10.00	OS17	Engineering of EVs	Lead / Breakthrough	30'		Ke	Cheng	New York, USA	EVs for Lung Repair and Drug Delivery
Technology and Methods			Ke Cheng Zachary Troyer	Selected oral	15'	1962921	María	Sancho Albero	University of Zaragoza (Aragon Nanoscience and Materials Institute)	Protein corona role in the targeting properties of extracellular vesicles for engineering therapeutic biomimetic nanoparticles
				Selected oral	15'	1981531	Maria Chiara	Ciferri	University of Genova	Targeting the tumor microenvironment: a click chemistry-based surface-functionalization method and a therapeutic-loading strategy for artificially produced erythrocyte-derived extracellular vesicles
				Selected oral	15'	1980269	Vivian	Hegeman	Pharmaceutics, UIPS	Modulating binding affinity of aptamer-based loading constructs enhances EV-mediated CRISPR/Cas9 delivery
				Selected oral	15'	1926134	Yan	Li	Florida State University	Engineering Extracellular Matrix-bound Nanovesicles Secreted by Human Brain Organoids with Different Regional Identity
Sat 26th April	8.30-10.00	OS18	Neurobiology I	Lead / Frontiers	30'		Zuhang	Sheng	Bethesda, US	EV-mediated Glia-Neuron Signaling: Enhancing Axonal Energy Metabolism and Synaptogenesis
Physiology/Pathology			Zuhang Sheng Hui-Chun Lin	Selected oral	15'	1983583	Veronika	Brezani	Beth Israel Deaconess Medical Center & Harvard Medical School	Alcohol-exposed hepatocyte-derived exosomes sensitize microglia to a pro-inflammatory phenotype via miRNA-122 transfer
				Selected oral	15'	1949219	Yang	YOU	Mayo Clinic Florida	APOE4/4 induced human microglia secrete extracellular vesicles enriched for proteins associated with immune response and proteasomal pathways
				Selected oral	15'	1982751	Julien	SAINT-POL	Université d'Artois	Brain pericytes: from origins to implications in cell-cell communication within the neurovascular unit through extracellular vesicles
				Selected oral	15'	1948377	Zhengrong	Zhang	Mayo Clinic Florida	APOE4 drives neuroinflammation and lipid dysbiosis in Alzheimer's disease by modulating lipid compositions and cell adhesion molecules in brain-derived extracellular vesicles
Sat 26th April	8.30-10.00	OS19	Microbial EVs	Lead / Breakthrough	30'		Claudia	Günther	Erlangen, Germany	Breaking Barriers: Microbial EVs at the Crossroad of Inflammation
Basic Biology			Claudia Günther Agnieszka Razim	Selected oral	15'	1966682	Cécile	MALNOU	INSERM - Toulouse 3 University	Role of extracellular vesicles in placenta-brain dialogue during congenital human cytomegalovirus infection
				Selected oral	15'	1956826	Kyle	Bramich	La Trobe University	Probiotic extracellular vesicles: Exploring their utility as a preventative and potential treatment approach for colorectal cancer-associated cachexia
				Selected oral	15'	1980222	Anna Lena	Jung	Philipps-University Marburg	Bacterial Extracellular Vesicles as Protective Decoys: A Novel Mechanism of Resistance
				Selected oral	15'	1977460	Irma	Schabussova	Medical University of Vienna	From bacteria with love: Extracellular vesicles as intranasal probiotics in allergy prevention and treatment
Sat 26th April	8.30-10.00	OS20	EVs in Preclinical Models	Lead / Insight	30'		Mario	Gimona	Salzburg, Austria	Clinical application of EV-based therapeutics
Disease & Therapy			Mario Gimona Yue Qu	Selected oral	15'	1967335	Lucas	Walther	INSERM UMR_S1109, Tumor Biomechanics Lab / Transgene S.A.	Therapeutic poxvirus triggers the secretion of extracellular vesicles with immunomodulatory anti-tumoral activity
				Selected oral	15'	1981544	Pierre-Yves	Mantel	CK-CARE AG - Center for Allergy Research and Education	Regulation of parasite virulence by extracellular vesicles during malaria infections
				Selected oral	15'	1983065	Carolina	Dias	i3S Institute of FFF	Modulation of cancer EVs secretion for improved immunotherapy outcomes in pancreatic cancer
				Selected oral	15'	1983754	Tomohiro	Umezū	Tokyo Medical University	Development of in vivo genome editing technology using plant-derived extracellular vesicles as drug delivery carriers
10.00-10.30 Coffee and Exhibition										
Date	Time	Session		Time presenta	Durat	Abstract ID	Speaker pre	Speaker last name	Affiliation	Title
Saturday 26th April	10:30-12:00	Plenary 3	Key note 3	10:30-11:15			Alissa	Weaver	Vanderbilt University School of Medicine	Exosomes as critical mediators of cell migration
PLENARY			Featured abstract 4	11:15-11:30	15'	1967083	Thupten	Tsering	McGill University	Non-lytic and active emission of cellular fragments carrying whole genome DNA during cancer cell migration
				11:30-11:45	15'	2039715	Kerstin	Menck	University of Muenster	Syntenin controls extracellular vesicle-induced tumor migration by regulating the expression of adhesion proteins on small extracellular vesicles
				11:45-11:50	5'		ParticleMatrix			
				11:50-11:55	5'		nanoFCM			
				11:55-12:00	5'		Exokeryx			
12.00-13.30 Lunch / Sponsor Lunch Sessions								Posters Session 2		
13.30-14.30 Exhibition								Posters Session 2		



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Date	Time	Session No.	Session Title and Chairs	Presentation Type	Time	Abstract ID	Speaker First	Speaker last name	Affiliation	Title
Sat 26th April	2.30-4.00	OS21	EVs for Cancer Immunotherapy	Lead / Breakthrough	30'		Wei	Guo	U Penn	EVs in Immune Suppression and Tumor Progression
			Wei Guo	Selected oral	15'	1953615	Annemarijn	Offens	Karolinska Institutet	A CD21 and phosphatidyserine-targeting fusion protein binds extracellular vesicles, targets them to B cells and potentiates their T-cell immunogenicity
			Maimonah Massawa	Selected oral	15'	1924182	AAKASH	NATHANI	Florida A&M University	Combination therapy with Carboplatin and miRNA-5193/miRNA-149-5p loaded natural killer cell-derived extracellular vesicles (NK-EVs) show synergistic effects against two EGFR-TKI-resistant (PDX and H1975) lung tumor models
				Selected oral	15'	1980098	Clotilde	Thery	Institute Curie / INSERM U932	Mechanisms and functions of CSF1 association to extracellular vesicles in anti-tumor immune responses
				Selected oral	15'	1983763	Taylon	Silva	Cedars-Sinai Medical Center	Distinct role of large oncosomes in modulating bone marrow microenvironment and promoting metastasis through immune reprogramming in cancer progression
Sat 26th April	2.30-4.00	OS22	Tracking of EVs	Lead / Insight	30'		Frederik	Verweij	Utrecht, Netherlands	Through the looking glass: tracking EVs in vivo
Technology and Methods			Fred Verweij	Selected oral	15'	1982556	Maribel	Lara Corona	Institute of Psychiatry and Neurosciences of Paris (IPNP)	Manipulation of Tumor Extracellular vesicles biodistribution and uptake in vivo by a cell-surface "EV-Trap"
			Daniel Bachurski	Selected oral	15'	1983873	Daniel	Bachurski	University of Cologne, Faculty of Medicine and	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
				Selected oral	15'	1982908	Melanie	Schuerz	Paris Lodron University Salzburg	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.
				Selected oral	15'	1982734	Madhusudhan	Bobbili	Ludwig Boltzmann Institute for Traumatology	The making of bi-specific extracellular vesicles for targeted tissue-specific delivery
Sat 26th April	2.30-4.00	OS23	Neurobiology II	Lead / Insight	30'		Roosmarijn	Vandenbroucke	Ghent, Belgium	tba
Physiology/Pathology			Roos Vandenbroucke	Selected oral	15'	1983645	Ursula	Sandau	Oregon Health & Science Univeristy	Sex- and APOE-4 dependent changes in cerebrospinal fluid extracellular vesicle miRNAs identify synaptic proteins alterations in females with Alzheimer's disease
			Ganesh Ganesha	Selected oral	15'	1968301	Zhigang	Li	Sun Yat-sen University	Neuronal extracellular vesicles carrying APOE downregulate filament actin polymerization signaling to inhibit synapse formation in Alzheimer's Disease
				Selected oral	15'	1981632	Martina	Gabrielli	CNR Institute of Neuroscience	Microglial extracellular vesicles promote synaptic pruning via C1q deposition at the synapse
				Selected oral	15'	1983386	Mohsin	Shafiq	Institute of Neuropathology, University medical center Hamburg-Eppendorf	Extracellular vesicles modulate the amyloid β aggregation in Alzheimer's disease via surface-expressed prion protein.
Sat 26th April	2.30-4.00	OS24	Cross-Kingdom Communication	Lead / Insight	30'		Amy	Buck	Edinburgh, UK	EVs in cross-species Interactions: biology and applications
Basic Biology			Amy Buck	Selected oral	15'	1982408	Mahmoud	Eldahshoury	Leeds Beckett University	Nicotiana Benthamiana EVs: New frontiers in drug delivery systems
				Selected oral	15'	1982352	ANTONIO	MARCILLA	UNIVERSITAT DE VALÈNCIA	Pomegranate-derived nanovesicles as a promising therapy for inflammatory diseases: evidence from mouse models of acute pancreatitis and atopic dermatitis.
			Diaz Ubilla	Selected oral	15'	1981601	Paola	Gargano	Institute of Biophysics - National Research Council of Italy	Microalgae-derived extracellular vesicles as multifunctional cosmetic ingredients against oxidative- and UVB-related damages
				Selected oral	15'	1981851	Graciela	Lorca	University of Florida	The Sdp-SH3b2 domain contained in extracellular vesicles from the probiotic Lactobacillus johnsonii N6.2 inhibit murine norovirus replication
				4.00-4.30 Coffee and Exhibition						
				4.30-5.30 ISEV GENERAL ASSEMBLY						
5.45-7.15				Satellite Sessions 10-18 10: SIG-EVINS social: Extracellular Vesicles in Nervous Systems 11: Industry on EVs: transition from academia, professional track, a 12: ISEV/ISCT Joint Session: Impact of donor, tissue and cell heterogeneity on the functionality of MSC-sEVs 13: 1st Symposium on Plant Extracellular Vesicles 14: EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research 15: EVs in Aging and Regeneration 16: EV Pub Quiz by GSEV 17: GUSEV CLOSED 18: Blood task force meeting						



27th April 2025	Time	Session No.	Session Title and Chairs	Presentation Type	Time	Abstract ID	Speaker First	Speaker last name	Affiliation	Title
Sunday 27th April Disease & Therapy	8.30-10:00	LB01	EV in Disease and Therapy Athanasia Warnecke (Hannover Medical School)	Selected oral	15'	2049730	Jessica	Gobbo	CGFL/ INSERM1231	Cutting-Edge Multiplexed EV Biomarker Detection: A Game-Changer for Predicting PD-1/PD-L1 Inhibitor Response
				Selected oral	15'	2039708	Suzy	Varderidou	UMC Utrecht	Amyotrophic lateral sclerosis proteomic signature and treatment with mesenchymal stem cell-derived extracellular vesicles
				Selected oral	15'	2044104	Anastasia	Walsh	University of Galway	Exploring the immunomodulatory role of extracellular vesicles in stroma dense colorectal tumours
				Selected oral	15'	2048596	Jianlong	Li	Southern Medical University	TNF α inhibitor Thalidomide enhances Osteosarcoma Chemotherapy Sensitivity
				Selected oral	15'	2048690	Hilal Nur	Sensoy	Amsterdam UMC	Blood cell-derived extracellular vesicles induce a pro-inflammatory phenotype in tubular epithelial cells of proliferative Lupus Nephritis patients
				Selected oral	15'	2047309	Charles	Ramassamy	INRS-Centre Armand-Frappier Santé-Biotechnologie	Circulating extracellular vesicles-containing P.gingivalis OMVs from periodontitis patients trigger the release of inflammatory markers and the amyloid- β peptide
Sunday 27th April Basic Biology	8.30-10:00	LB02	EV - Sources and Basic Biology Kerstin Menck (University Muenster)	Selected oral	15'	2040498	Benjamin	Koch	Indiana University	Arabidopsis plants produce distinct subpopulations of extracellular vesicles that alter growth and infectivity of a fungal pathogen
				Selected oral	15'	2047083	Martin	Wolf	Paracelsus Medical University (PMU), Salzburg	Natural EV vs. synthetic nanoparticle corona stability monitored by single particle spectral flow cytometry
				Selected oral	15'	2048420	Samantha	Ali	University of Florida	Extracellular Vesicle based Transcriptomic investigation on Age- and Microgravity-Exposed 3D Muscle Organoid
				Selected oral	15'	2049502	Mariane	Shouky	Institut Curie	MBsomes and Other EVs Intercellular Communication in the Skin
				Selected oral	15'	2032512	Lavinia	Flaskamp	LMU Munich	Novel highly sensitive phosphatidylserine-specific reagents allow measuring global EV-turnover in vivo
				Selected oral	15'	2049849	Manish	Bhomia	Uniformed Services University Of The Health Sciences	ICAM5 as a Novel Marker for Neuron-Derived Extracellular Vesicles
Sunday 27th April Physiology/Pathology	8.30-10:00	LB02	EV - Physiology and Pathology Lucia Languino (Jefferson University, US)	Selected oral	15'	2046630	Leandra	Figuerola-Hall	Laureate Institute for Brain Research	Peripheral and central vascular inflammatory proteins after in vivo immune challenge in major depressive disorder
				Selected oral	15'	2048614	Liam	Barry-Carroll	Univ. Bordeaux, INRAE	Omega-3 deficiency is associated with changes in content and function of brain-derived extracellular vesicles.
				Selected oral	15'	2048718	Isabel	Graf	University Medical Center of Hamburg-Eppendorf	Placental extracellular vesicles as mediators in recruiting maternal microchimeric cells
				Selected oral	15'	2046002	Rafik	Dali	University of Lausanne	Tanycyte-derived extracellular vesicles containing Annexin A1 modulate microglia and neuronal functions to control energy balance
				Selected oral	15'	2049081	Marco	Blasioli	Utrecht University	Human milk extracellular vesicles drive GFAP expression and affect proliferation in differentiating neural stem cells in vitro
				Selected oral	15'	2049262	Mariola	Ferraro	University of Florida	Extracellular Vesicle-Mediated Antigen Trafficking and Innate Immune Modulation in Bacterial Infection
Sunday 27th April Technology and Methods	8.30-10:00	LB04	EV - Technology and Methods	Selected oral	15'	2049164	Andreas	Wallucks	McGill University	Label-free sizing and multiplexed protein detection on single extracellular vesicles
				Selected oral	15'	2046011	Ji Hoon	Ha	Kolmar Korea	Engineering Strategies Based on Skin Structure for Optimized Exosome Delivery
				Selected oral	15'	2047190	Lukas	HYKA	KU Leuven	Exploring syntenin-syndecan biosynthetic approaches for extracellular vesicle (EV)-based delivery
				Selected oral	15'	2037754	Wei-Chuan	Shih	University of Houston	Nanophotonic liquid biopsy of circulating small extracellular vesicles for hepatocellular carcinoma detection
				Selected oral	15'	2049428	Simou	Sun	Stony Brook University	Direct Multi-Dimensional Imaging of Individual Extracellular Particles (EPs) Enables the Categorization of Subtypes and the Characterization of Distinct Biophysical Properties and Behaviors Across Different Subtypes
				Selected oral	15'	2049485	Ikuhiko	Nakase	Osaka Metropolitan University	"Cassette-like" extracellular vesicle-modification technology using membrane curvature-sensing peptides for intracellular delivery
10.00-10.30				Coffee						
Sunday 27th April	10:30-12:00	Plenary 4	Key note 4	10:30-11:15	45'		Jan	Lotvall	University of Gothenburg	RNA in exosomes to extracellular vesicle therapeutics - a 20 year journey
PLENARY			Featured abstract 6	11:15-11:30	15'	1973775	Juliana	Powell	University of Pittsburgh	Fetoplacental-derived extracellular vesicles deliver conceptus-derived antigens to maternal secondary lymphoid tissues for T cell recognition
			Featured abstract 7	11:30-11:45	15'	2048697	Christian	Preußner	Philipps University Marburg	How EV Isolation impacts Protein cargo and Function
			TBD	11:45-12:00	15'					
12.00-12.30				Wrap-up Session						
12.00-1.30pm				Awards and Closure						