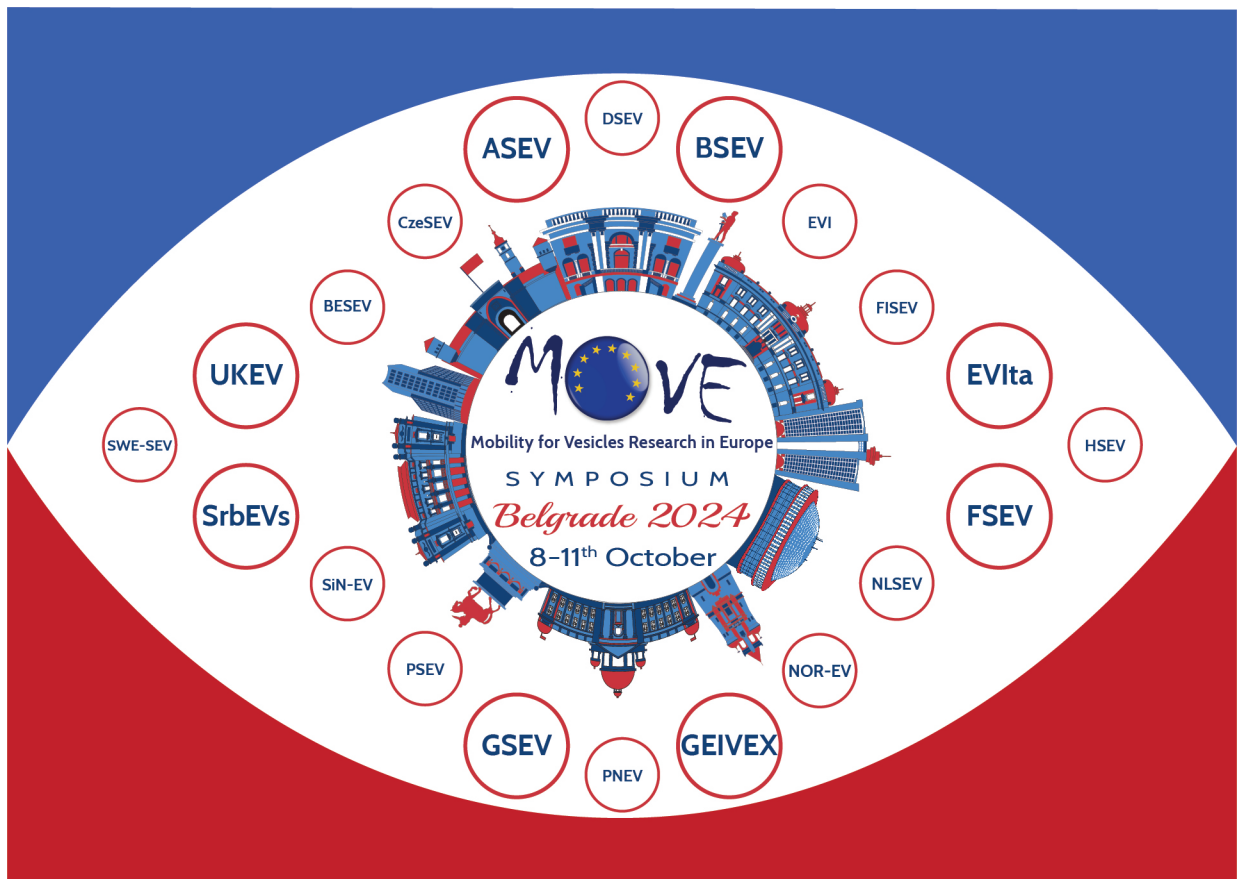


PROGRAM



Tuesday, 8.10.2024. - morning

8:00	Registration (from 8:00)	
9:00	Wellcome notes 15'	
9:15	Keynote	Frederik Verweij - What goes in, sometimes comes out: developing molecular toolboxes to study the loading, maturation and fate of Multivesicular Bodies Utrecht University, Div. of Cell Biology, Neurobiology & Biophysics, Utrecht, The Netherlands
9:45	Session 1 B-1	Basic EV research: Biogenesis/release of EVs and their function in signal transmission 1 Chairs: Jessica Gobbo, Anna-Kristin Ludwig
O-B-1	Unlocking Ovarian Cancer Biomarkers: Insights from Ascitic Extracellular Vesicles	Vendula Pospíchalová
O-B-2	Genome-Wide-CRISPR/Cas9 screening identifies the COMMANDER recycling complex as a key player in EV cargo delivery	María Yañez-Mo
O-B-3	MBLAC2, a new player in the EV field?	Guillaume Médard
O-B-4	Dynamic interactors: Galectins and EVs	Anna Ludwig
10:45	Coffee break 30'	
11:15	Session 2 HD-1	EVs in health and disease 1 Chairs: Moran Yadid, Beate Rinner
O-HD-1	Role of cardiomyocyte-derived extracellular vesicles in post-ischemic cardiac remodeling	Lélia Borowski
O-HD-2	Extracellular Vesicle-Derived miR-375 3p Promotes Fetal Overgrowth in Pregnancies Complicated by Maternal Diabetes	Abigail Byford
O-HD-3	Extracellular vesicles shed by PDAC cells harboring mutant p53 remodel the metastatic niche and promote hematopoietic differentiation	Tomer Cooks
O-HD-4	Developing liver spheroids as a model to investigate the role of colorectal cancer derived small extracellular vesicles in hepatic pre-metastatic niche establishment	Elisa Costanzo
12:15	Lunch break 1h 30'	

Tuesday, 8.10.2024. - afternoon

13:45	Keynote	Tobias Tertel - Extracellular Vesicles as Diagnostic and Therapeutic Biomarkers in Stress, Cancer, and Neurological Disorders University Hospital Essen, Institute for Transfusion Medicine, Essen, Germany
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14:15	Session 3 N-1	Novel EV preparation/analysis techniques 1 Chairs: Alireza Fazeli, Alicia Llorente	
O-N-1	NANOSPACER: Nanofluidic sizing of extracellular vesicles and biomacromolecules in solution		Oliver Vanderpoorten
O-N-2	Achieving Ultra-Pure EVs: Combining Charge-Based Filtration, Tangential Flow, and Lipoprotein Adsorption		Sehyun Shin
O-N-3	Inline Raman spectroscopy provides versatile molecular monitoring for platelet extracellular vesicle purification		Heikki Saari
O-N-4	Isolation of extracellular vesicles from resistant tumor cells using nanobodies-based immunoaffinity approach		Lidija Filipović

15:15	Coffee break 45'		
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16:00	Keynote	Michiel Pegtel - EV-RNA from basic science to diagnostic applications Amsterdam UMC/Cancer Center Amsterdam, Amsterdam, The Netherlands	
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16:30	Session 4 BM-1	EV-based biomarkers - 1 Chairs: Marija Holcar, Tanja Kutzner	
O-BM-1	Predicting Kidney Injury Post-Transplant: The Role of urine EVs and EV-DNA as Biomarkers		Maja Vodušek
O-BM-2	Characterization of circulating extracellular vesicles in patients with major depressive disorder: are them good biomarkers of severity and response to therapy?		Fabiola Stolfi
O-BM-3	Elevated GLAST+ and Proteoglycan-4+ Extracellular Vesicles, with Proteoglycan-4+ Linked to Cognitive Protection in Amyotrophic Lateral Sclerosis		Annalisa Chiocchetti
O-BM-4	Immunodepletion to enrich and select for rare extracellular vesicle populations: pitfalls and suggestions for best practice		Adam Bennett

Tuesday, 8.10.2024. - Poster session

17:30	Poster session 1 (2h)
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P-B	Basic EV research: Biogenesis/release of EVs and their function in signal transmission Chairs: Krizia Sagini, Ishai Luz	
P-B-1	Extracellular Vesicles and MBsomes Intercellular Communication in Skin Wound Healing	Mariane Shouky
P-B-2	Proteomic and lipidomic profiling of extracellular vesicles from tetraspanin-deficient cell lines	Stanislava Sladeček
P-B-3	Extracellular vesicles act faster than you think; Rapid increase in MFGE8 secretion from endometrial cells is an indicator of embryo maternal cross-talk	Subhashini Muhandiram
P-B-4	Physiological vs. Traditional EV Administration: Improved Distribution and Reduced Toxicity with Slow-Release Pumps	Doaa Massad
P-B-5	Role of the different intracellular pathways in the study of the biogenesis of exosomes	Deborah Polignano

P-HD	EVs in health and disease Chairs: Marit Inngjerdigen, Dan Lambert	
P-HD-1	Proteomic composition of extracellular vesicles derived from the interaction of Trypanosoma cruzi with myoblasts and intestinal cells	Marcel Ivan Ramirez Araya
P-HD-2	Endothelial progenitor cells-derived extracellular vesicles mitigate the inflammation in septic model	Luigi Menna
P-HD-3	Caveolin-1-overexpression affects extracellular vesicle loading and modulates tumour microenvironment in a rhabdomyosarcoma model	Rachele Agostini
P-HD-4	Assessing T Cell-Mediated Immunity to SARS-CoV2 infection in extracellular vesicles through affinity capture.	Teresa Valero
P-HD-5	Vesicle-like particles extracted from ginger antagonize staurosporine-induced apoptosis	Delaram Khamari
P-HD-6	The Effect of Extracellular Vesicles Originated from Mesenchymal Cells of Peritoneal Dialysate on the Mechanism of Fibrosis	Péter Bokrossy

Tuesday, 8.10.2024. - Poster session

P-HD-7	Investigating the effects of neutrophil derived extracellular vesicles on lung injury using human precision cut lung slices	Jessica Ghobrial
P-HD-8	CD63+ extracellular vesicles are reduced in hypercholesterolaemic mice and humans	Brachyahu Meir Kestecher
P-HD-9	Synovial Fluid-Derived Extracellular Vesicles: Orchestrators of Endothelial Cell Function and Inflammation	Riham Osman
P-HD-10	The death signals mediated by extracellular vesicles between glioblastoma multiforme (GBM) cells during temozolomide treatment depend on the bioactive cargo specifically loaded by the different GBM lines	Mariana Karimova

P-BM	EV-based biomarkers Chairs: Sophie Rome, Milica Božić	
P-BM-1	MARCO as a potential EVs biomarker for Leishmaniasis	Anabela Silva
P-BM-2	Effect of ultramarathon race on Circulating Extracellular Vesicles release and their potential role as exercise biomarkers	Stephanie Fondi
P-BM-3	Flow Cytometric Detection of Extracellular Vesicles Subpopulations in Liquid Biopsies	Sean Patmore
P-BM-4	Mirnomic analysis of urine extracellular vesicles from type 2 diabetic patients under SGLT2 inhibitors treatment: identification of biomarkers for therapeutic response	Beatrice Spokeviciute
P-BM-5	Characterisation of thyroid-originating extracellular vesicles from thyroid cell culture medium and plasma of patients harboring thyroid tumors	Jelena Janković Miljuš
P-BM-6	Modelling the impact of extracellular vesicle cargoes in the diagnosis of CAD	Hargita Hegyesi
P-BM-7	Neutrophil-derived extracellular vesicles serve as potential biomarkers for carbon monoxide poisoning: a pilot study	Sara Nembrini
P-BM-8	Bioinformatic analysis predicts serum EV miRNA hsa-miR-378a-3p as potential downregulator of Ceramide signaling pathway in peripheral blood CD8+ T cells of glioblastoma patients	Milan Stefanović

Tuesday, 8.10.2024. - Poster session

P-I	EVs in interspecies communication Chairs: Hernando del Portillo, Carmen Fernandez-Becerra	
P-I-1	Elucidating the mechanisms underlying the ability of pathogenic <i>Acidovorax temperans</i> and its derived outer membrane vesicles to promote lung cancer progression	Haneen Abu-Freih
P-I-2	Characterization of extracellular vesicles in the interaction between the German cockroach, <i>Blattella germanica</i> , and its symbiotic partners	M. Rosario Gil García
P-I-3	Hepatoprotective effects of nanovesicles derived from lemon: an in vitro and in vivo investigation	Roberta Gasparro
P-I-4	Extracellular Vesicles from <i>Lactocaseibacillus casei</i> Modulate Interspecies Bacterial Interactions	Cecilia D'Antoni

P-N	Novel EV preparation/analysis techniques Chairs: Karin Ekström, Heikki Saari	
P-N-1	Effective enrichment of CD9 positive population of extracellular vesicles from human cerebrospinal fluid in asymmetric flow field flow fractionation and size exclusion chromatography fractions	Hrvoje Križan
P-N-2	Glycan mapping of tumor-derived extracellular vesicles: a multiplex lectin bead approach	Hema Saranya Ilamathi
P-N-3	Development of an analytical reference material for the study of extracellular vesicles	Khurul Islam
P-N-4	Isolation of spontaneously-released brain extracellular vesicles: implications for stress-driven brain pathologies	Ioannis Sotiropoulos
P-N-5	Isolating Outer Membrane Vesicles of Patient-derived Microbiota Pathogens on 3D-printed Ultrafiltration Platforms for Nucleic Acid-based Diagnostics	Nedim Haciosmanoglu
P-N-6	Extracellular Vesicle-Imprinted Optic Biosensors for Breast Cancer Detection	Yeseren Saylan
P-N-7	Microfluidic Chip-Based Systems For Monitoring Cancer Therapy Via Extracellular Vesicles	Eylül Gülşen Yılmaz

Tuesday, 8.10.2024. - Poster session

P-T	EVs in therapy and regenerative medicine Chairs: Tobias Tertel, Nuno Santarem	
P-T-1	Exploring Dendritic Cells-Derived Extracellular Vesicles As An Immunotherapeutic Tool In Triple-Negative Breast Cancer	Sofia Quintas
P-T-2	Pooling of umbilical cord mesenchymal stromal cells improves extracellular vesicle yield and therapeutic benefit in inflammatory arthritis	Oksana Kehoe
P-T-3	Inhibitory Effects of Chlorella vulgaris Algasomes on Listeria species Growth and Biofilm Eradication	Dulmini Nanayakkara Sapugahawatte
P-T-4	Autologous plasma-derived EVs for chemotherapy delivery to human tissues	Nick Peake
P-T-5	Local delivery of Dendritic Cell-secreted Extracellular Vesicles using 3D biomaterial scaffolds to promote bone tissue formation and spine fusion	Susana Santos
P-T-6	Bone marrow stromal cell derived extracellular vesicles for bone regeneration	Evangelia Bocti

P-M	Manufacturing of native and engineered EV products Chairs: Mandy Peffers, Getnet Midekessa	
P-M-1	Comparison of the effectiveness of anion exchange chromatography, ultracentrifugation, tangential flow filtration and size exclusion chromatography in EV isolation	Reetta Pusa
P-M-2	Membrane vesicles of Lactiplantibacillus plantarum as nanocarriers for synergistic antimicrobial combinations to treat skin wound infections	Liubov Shishaeva
P-M-3	Optimising scalable spheroid-based extracellular vesicle production in stirred-tank bioreactors	Thibaud Dauphin

Wednesday, 9.10.2024. - morning

9:00	Keynote	Kenneth Witwer The Johns Hopkins University School of Medicine, Dept. for Molecular and Comparative Pathobiology, Baltimore, USA
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9:30	Session 5 HD-2	EVs in health and disease 2 Chairs: Tomer Cooks, Edit Buzas
O-HD-5	Effect of Hypercholesterolemia on circulating and cardiomyocyte-derived extracellular vesicles	Csenger Kovácsházi
O-HD-6	Exercise-induced extracellular vesicles in breast cancer	Krizia Sagini
O-HD-7	Horizontal transfer of long non-coding RNA H19 transports splicing factors in recipient cells	Marco Loria
O-HD-8	Extracellular vesicles from a triple negative breast cancer (TNBC) / paclitaxel-resistant cell model carry chemoresistance and inflammation signals.	Marilena Lekka

10:30	Coffee break 30'
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11:00	Round table 1 1h
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12:00	Lunch break 1h 30'
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Wednesday, 9.10.2024. - afternoon

13:30	Session 6 B-2	Basic EV research: Biogenesis/release of EVs and their function in signal transmission 2 Chairs: Maria-Anthi Kakavoulia, Maria Yanez Mo	
O-B-5	The Role of Extracellular Vesicles in KRAS/STK11 co-mutated NSCLC Immune Escape	Chiswili Yves Chabu	
O-B-6	Extracellular vesicles promote migration despite BRAF inhibitor treatment	Afrodité Németh	
O-B-7	Neutrophil-derived extracellular vesicles modulate the inflammatory response of monocytes and macrophages	Mátka Nagy	
O-B-8	TGF- β induces cholesterol accumulation to regulate the fate of tumor-derived extracellular vesicles	Dorival Mendes Rodrigues Junior	

14:30 Coffee break 45'

15:15	Keynote	Dhanu Gupta - Manufacturing of Engineered EVs for biomedical applications University of Oxford, Department of Paediatrics Oxford, United Kingdom	
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15:45	Session 7 N-2	Novel EV preparation/analysis techniques 2 Chairs: Zoltán Giricz, Rosella Crescitelli	
O-N-5	Plant Extracellular Vesicles as Novel Drug-delivery Systems	Michaela Kocholatá	
O-N-6	Time-resolved surface-sensitive waveguide scattering microscopy of single extracellular vesicles reveals content and biomarker heterogeneity	Petteri Parkkila	
O-N-7	Isolating and Detecting Extracellular Vesicles on Microfluidic Chips and Metamaterial Sensors	Fatih Inci	
O-N-8	Optimization of Extracellular Vesicles Isolation Protocol for Proteomics Analysis from Limited Cell Media Samples	Asia Botto	

16:45 Poster session 2 (2h)

19:30 **Networking event**

Wednesday, 9.10.2024. - Poster session

16:45	Poster session 2 (2h)
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P-B	Basic EV research: Biogenesis/release of EVs and their function in signal transmission Chairs: Krizia Sagini, Ishai Luz	
P-B-6	Anti-Inflammatory and Immunomodulatory Strategies as Therapeutic Approaches for Rab27a-Deficient Pancreatic Cancer	Daniel Lopes
P-B-7	EGFR-mutant lung cancer derived EVs induce resistance by activating PI3K/AKT signalling pathway	Dian Salih
P-B-8	Imaging flow cytometry enables studies of the interactions between extracellular vesicles and immune cells	Ulla Impola
P-B-9	Developing microglia cell lines expressing Nef to study the role of extracellular vesicles in HIV neuropathology	Teja Lavrin
P-B-10	Investigating the Influence of Cardiomyocyte-Derived Extracellular Vesicles on Macrophage Activation: A Comparative Analysis between Doxorubicin and DL-11	Tamás Bolyky

P-HD	EVs in health and disease Chairs: Marit Inngjerdigen, Dan Lambert	
P-HD-11	Extracellular Vesicle-Encompassed MyomiRs Contribute to Placental Vascular Immaturity in Pregnancies Complicated by Maternal Diabetes	Abigail Byford
P-HD-12	Interaction of cancer-associated exosomes with glyconanotherapeutics and study to cross blood tumor and blood brain barrier as oral or poster presentation.	Olga Janouskova
P-HD-13	Endothelial dysfunction alters extracellular vesicles' character and secretion profile	Binyamin Rosenzweig
P-HD-14	Exploring the connections between tumor cell DNA and EVs	Susana García-Silva
P-HD-15	Targeting pro-tumoral stromal exosomes by disrupting the syntenin-CD138/syndecan pathway as a novel therapy in Multiple Myeloma	Chenggong Tu
P-HD-16	Towards an understanding of melanoma EV heterogeneity, target cell interactions, and molecular functions in the tumor-draining lymph node	Pragati Lodha

Wednesday, 9.10.2024. - Poster session

P-HD-17	Is Placental Extracellular Vesicle Uptake Modulated by Factors Associated with an Obese Diabetic Pregnancy?	Andreea Cristian
P-HD-18	The characterization and variability of blood-derived extracellular vesicles in healthy humans and the influence of recent mild COVID-19	Marija Holcar
P-HD-19	Cerebral ischemia alters the microRNA and protein cargo of brain-derived extracellular vesicles	Olga Neustroeva
P-HD-20	Analysis of the subcellular localization of the transcripts CD81-205 and CD81-215	Dunja Pavlovic

P-BM	EV-based biomarkers Chairs: Sophie Rome, Milica Božić	
P-BM-9	Extracellular vesicles in liquid biopsies: do different size exclusion chromatography columns yield different results?	Krisztian Belenyesei
P-BM-10	Neuronal extracellular vesicles as nanotools to study and monitor Angelman Syndrome neurodevelopmental disorder	Chiara De Cesari
P-BM-11	Three methods of isolating EVs from pleural effusion samples of patients with advanced lung adenocarcinoma - potential applications in clinical practice?	Miodrag Vukovic
P-BM-12	Immune checkpoint profiles on circulating extracellular vesicles predict response to immunotherapy in hepatocellular carcinoma	Ramsha Masood
P-BM-13	Exosomal Galectins as Biomarkers and Therapeutic Targets of Glioblastoma	Oksana Batkivska
P-BM-14	Umbilical Cord Blood Extracellular Vesicles (UCBEVs) study in Preterm Infants	Laura Ripoll Seguer
P-BM-15	Utilising extracellular vesicle glycoproteins for non-invasive identification of patients with clinically significant prostate cancer	Demi Pritchard

Wednesday, 9.10.2024. - Poster session

P-I	EVs in interspecies communication Chairs: Hernando del Portillo, Carmen Fernandez-Becerra	
P-I-5	Exploring biomarkers in major depressive disorder: a multi-OMICs approach on stool samples	Chiara Venegoni
P-I-6	Intranasal application of <i>Trichinella spiralis</i> muscle larvae extracellular vesicles alleviate inflammation in mouse model of respiratory allergy	Maja Kosanović
P-I-7	Interactions of <i>Trichinella spiralis</i> muscle larvae extracellular vesicles with target cells and their mechanisms of action	Sofija Glamočlija
P-I-8	Interkingdom communication between oral pathogenic bacteria and <i>Candida</i> species at the level of extracellular vesicles	Zóra Szilovics

P-N	Novel EV preparation/analysis techniques Chairs: Karin Ekström, Heikki Saari	
P-N-8	Development of nanobody-based sandwich ELISA for sensitive detection of HIV-1 protein Nef in extracellular vesicles	Samuel Žvanut
P-N-9	Implementation of Single-domain antibodies-based approach for isolation of extracellular vesicles from human plasma	Marija Tursunović
P-N-10	Isolation and Characterization of Citrus-Derived Nanovesicles Through Three Different Approaches	Vincenza Tinnirello
P-N-11	Optimizing buffer composition for cryoprotection of red blood cell-derived extracellular vesicles	Kinga Ilyés
P-N-12	Evaluating Nano-Flow Cytometry for Detecting HER2-Positive Extracellular Vesicles in Breast Cancer Patients	Karin Ekström
P-N-13	Evaluating the influence of different serum-free culture conditions on the production and function of Natural Killer cell-derived extracellular vesicles	Amanda Sudworth
P-N-14	EV-Imprinted Nanoparticles for Real-Time Detection of Kidney-derived EVs Using Nanoplasmonic Sensor	Beyza Nur Küçük
P-N-15	Double size exclusion chromatography enriches high-quality extracellular vesicles from calf and lamb feces	Chanaka Premathilaka

Wednesday, 9.10.2024. - Poster session

P-T	EVs in therapy and regenerative medicine Chairs: Tobias Tertel, Nuno Santarem	
P-T-7	Exploring the anti-inflammatory response of pomegranate-derived extracellular vesicles in an in vitro model of osteoarthritis.	Emily Clarke
P-T-8	Cytokine-primed umbilical cord mesenchymal stem cells enhanced therapeutic effects of extracellular vesicles on osteoarthritic chondrocytes	Thu Huyen Nguyen
P-T-9	Advanced Technologies for Regenerative Medicine: From Tissue Engineering to Extracellular Vesicles	Moran Yadid
P-T-10	The role of extracellular vesicles (EVs) in chronic graft vs. host disease, and the potential function of placental cell-derived EVs as a therapeutic tool	Anat Aharon
P-T-11	Neuropeptide receptor Y as potential target for specific cancer treatment	Katarina Tomic
P-T-12	Advanced 3D In Vitro Cultures as Novel Models for Screening Extracellular Vesicle-based Therapies	Gabriele Vella

P-M	Manufacturing of native and engineered EV products Chairs: Mandy Peffers, Getnet Midekessa	
P-M-4	Scalable production of Extracellular Vesicles from Mesenchymal Stem Cells using a Hollow Fiber Bioreactor	Carlos Jesus
P-M-5	Klotho peptide engineered extracellular vesicles prevent epithelial-mesenchymal transition (EMT) and fibrosis in kidney cells via TGF- β inhibition	Tunahan Ergünay
P-M-6	The display of an anti-CS1 nanobody by small extracellular vesicles does not improve disease targeting in multiple myeloma	Michiel De Coster

Thursday, 10.10.2024. - morning

10:20	Keynote	Bernd Giebel - Clinical Potential of MSC-EVs and Translational Challenges University Hospital Essen, Institute for Transfusion Medicine Essen, Germany
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10:50	Session 8 T	EVs in therapy and regenerative medicine Chairs: Susana Santos, Oksana Kehoe	
O-T-1	Extracellular vesicles powered cancer therapy: targeted delivery and enhanced anti-neoplastic effect of adenovirus-based cancer vaccine in humanized melanoma model	Mariangela Garofalo	
O-T-2	Extracellular vesicles from clonally expanded immortalized mesenchymal stromal cells protect against ischemia-reperfusion-induced kidney injury	Milica Bozic	
O-T-3	Erythrocyte membrane-based vesicles as siRNA carriers for safe and efficient gene silencing therapy	Nina Kostevšek	
O-T-4	Effect of blood centrifugation on the platelet, extracellular particle and molecular content of plasma	Veronika Kralj-Iglic	
O-T-5	Potential anti-senescence effect of Naringin and Hesperidin-loaded extracellular vesicles in intervertebral disc degeneration	Veronica Tilotta	

11:50	Coffee break 30'		
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12:20	ST1	Sponsor's Talks 1	
ST-1	Beckman Life Sciences	The path for a successful flow cytometry analysis of extracellular particles	Anis Larbi
ST-2	Unchained Labs	Solving the EV characterization riddle	Alex Shephard
ST-3	FiberCell Systems	Clinical Scale Production of Extracellular Vesicles in a Hollow Fiber Bioreactor	John Cadwell
ST-4	Izon	Eyes on Izon – Throughput and Volume Scale Up Solutions	Joshua Karam
ST-5	Myriade	Videodrop : a Companion Tools for Repeatable & Reproducible Results in Extracellular Vesicle Research	Philippe Garabedian

Thursday, 10.10.2024. - afternoon

13:20	Lunch break 1h 30'
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14:50	Keynote	Antonio Marcilla - Extracellular vesicles in interspecies communications: from helminths to plants University of Valencia, Faculty of Pharmacy, Dep. for Pharmacy and Pharmaceutical Technology and Parasitology, Valencia, Spain
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15:20	Session 9 I	EVs in interspecies communication Chairs: Irma Schabussova, Carmen Fernández-Becerra
O-I-1	Host Immune Cell Membrane Deformability Governs the Uptake Route of Malaria-Derived Extracellular Vesicles	Daniel Alfandari
O-I-2	Therapeutic potential of extracellular vesicles of E. coli O83 in immunomodulation and allergic airway inflammation	Irma Schabussova
O-I-3	Functional effects of cows' milk derived particles on human inflammatory responses in vitro	Charlotte Lawson
O-I-4	Exploring Extracellular Vesicle-Mediated Intercellular Communication in Malaria Cryptic Infections Using Organs-on-a-Chip	Nuria Sima Teruel

16:20	Coffee break 10'
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16:30	Round table 2 1h
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Thursday, 10.10.2024. - Poster session

17:10	Poster session 3 (2h)
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P-B	Basic EV research: Biogenesis/release of EVs and their function in signal transmission Chairs: Krizia Sagini, Ishai Luz	
P-B-11	Exploring the Biodistribution of p53-Containing EVs for Targeted Cancer Therapy	Ishai Luz
P-B-12	Unraveling the Role of Galectins in Mesenchymal Stromal/Stem Cell-Mediated Immunomodulation through Extracellular Vesicles	Tanja Kutzner
P-B-13	Characterisation of mast cell- derived extracellular vesicles during degranulation	Kelsey Fletcher
P-B-14	EVs biogenesis and secretion machinery in distinct Alzheimer's disease mimicking models	Margarida Vaz
P-B-15	TGF- β induces cholesterol accumulation to regulate the fate of tumor-derived extracellular vesicles	Dorival Mendes Rodrigues Junior

P-HD	EVs in health and disease Chairs: Marit Inngjerdigen, Dan Lambert	
P-HD-21	Role of Extracellular Vesicles in Parkinsonian disorders	Cristiano Lucci
P-HD-22	Comparative analysis of surface glycosylation of prostasomes from human seminal plasma of normozoospermic and asthenozoospermic men	Ninoslav Mitic
P-HD-23	Extracellular release of a disintegrin and metalloproteinase correlates with periodontal disease severity	Ahmad Aljohmani
P-HD-24	Phenotypic Alterations in Tissue Extracellular Vesicles from Renal Cell Carcinoma Under Mechanical Stress	Gaia Bianchi
P-HD-25	Extracellular vesicles from saliva of Rheumatoid Arthritis patients have a distinct profile compared to healthy controls	Marko Prokic
P-HD-26	Cargo of circulating extracellular vesicles regulates CDKN1A gene expression according to the MS disease severity	Ivan Jovanović

Thursday, 10.10.2024. - Poster session

P-HD-27	The Role of Extracellular Vesicles in Renal Cell Carcinoma Progression	Aline Seiko Carvalho Tahyra
P-HD-28	Extracellular Vesicles in Amyotrophic Lateral Sclerosis: Identification of Hub Regulatory Genes and Their Role in Disease Development Mechanisms	Katarina Živančević
P-HD-29	Exosome processing in the context of Alzheimer's disease	Petra Riegerová

P-BM	EV-based biomarkers Chairs: Sophie Rome, Milica Božić	
P-BM-16	Milk extracellular vesicles decipher the secrets of metabolic health status of lactating cows	Madhusa Prasadani Yasalath gamage
P-BM-17	Spectral signature of plasma-derived sEVs supports the classification of cancer patients	Tímea Böröczky
P-BM-18	Utilising machine learning for development of an EV-RNA assay for early detection of aggressive prostate cancer	Haiyan An
P-BM-19	Distinguishing Primary and Metastatic Clear Cell Sarcoma via Protein Signatures in Extracellular Vesicles	Djenana Vejzovic
P-BM-20	Changes in the miRNA cargo of EV-mediated feto-maternal communication following light treatment	Bence Nagy
P-BM-21	Comparative Proteomics analysis of EVs Isolated by different methods from T. cruzi-Infected Cardiac Cells and Their Transcriptional Effects	Berta Barnadas
P-BM-22	Comprehensive Profiling of Endometriosis-Derived Extracellular Vesicles Unveils Novel Potential Biomarkers for Endometriosis	Karolina Soroczyńska

Thursday, 10.10.2024. - Poster session

P-I	EVs in interspecies communication Chairs: Hernando del Portillo, Carmen Fernandez-Becerra	
P-I-9	The role of extracellular vesicles in oral squamous cell carcinoma-Candida interaction	Éva Veres
P-I-10	Probiotic EVs binding to mucin and an in vitro model of intestinal epithelial barrier	Cecilia D'Antoni
P-I-11	Nanovesicles from frozen homogenized Fasciola hepatica adults exhibit similar properties to extracellular vesicles from parasitic cultures	Christian Miquel Sánchez-López
P-I-12	Establishing an extracellular vesicle isolation protocol for a beneficial plant fungus	Loukia Kellari
P-I-13	Arabidopsis thaliana root cells interact with outer membrane vesicles (OMVs) produced by plant beneficial bacterial strain Paraburkholderia phytofirmans PsJN	Dragana Nikolic

P-N	Novel EV preparation/analysis techniques Chairs: Karin Ekström, Heikki Saari	
P-N-16	Detection of organelle-specific dyes labelled extracellular vesicles with colocalization-fluorescence Nanoparticle Tracking Analysis	Getnet Midekessa
P-N-17	Multi-Parametric Surface Plasmon Resonance - powerful new technology to measure small EV size and concentration and more.	Abhishek Sharma
P-N-18	Specific extracellular vesicle detection and isolation in complex samples	Kris Ver Donck
P-N-19	Quantification of EV surface proteins with fluorescent labelling and single EV detection	Freya Leech
P-N-20	Size-based extracellular particle sorting: methods and media effects on breast cancer cells	Barbora Popova

Thursday, 10.10.2024. - Poster session

P-T	EVs in therapy and regenerative medicine Chairs: Tobias Tertel, Nuno Santarem	
P-T-13	Influence of Trophoblast-Derived Extracellular Vesicles on Atopic Dermatitis-like Keratinocyte Phenotype	Mirjana Nacka-Aleksić
P-T-14	Extracellular Vesicles from Extravillous Trophoblast Modulate D-galactosis-Induced Keratinocyte Senescence	Milica Jovanovic Krivokuca
P-T-15	The Effects of Extravillous Trophoblast Cell-Derived Extracellular Vesicles on Cell Viability and Cisplatin Response in Choriocarcinoma Cells	Andrea Pirkovic
P-T-16	Collagen Hydrogel Embedded SHED-EVs for Enhanced Osteogenesis	Marija Milivojevic
P-T-17	Extracellular Vesicles as Therapeutic Agents for Inflammation Resolution and Tissue Regeneration	Ivana Milic
P-T-18	The Mechanisms and Effects of Autologous Extracellular Vesicles on Joints and the Nervous System	Samira Ali

P-M	Manufacturing of native and engineered EV products Chairs: Mandy Peffers, Getnet Midekessa	
P-M-7	Effects of industrial processing on the functional properties and uptake efficiency of nanovesicles derived from pomegranate juice	Christian Miquel Sánchez-López
P-M-8	Functionalization of Extracellular Vesicles Surface with Hyaluronic Acid Derivatives: Comparison of Different Approaches	Giulia Duca
P-M-9	The Importance of Established and Optimized Analytical Capabilities to Develop End to End and Scalable Therapeutic Extracellular Vesicles Processing	Aslan (Mehdi) Dehghani

Friday, 11.10.2024.

9:00	Keynote	Rossella Crescentelli - Exploring Tissue-Derived Extracellular Vesicles: Cancer Biomarkers and Immunotherapeutic Potential University of Gothenburg, Sahlgrenska Center for Cancer Research, Göteborg, Sweden
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9:30	Session 10 M	Manufacturing of native and engineered EV products Chairs: Charlotte Lawson, Michele Guescini	
O-M-1	Targeting the tumor microenvironment: a click chemistry-based surface-functionalization method and a therapeutic-loading strategy for artificially produced erythrocyte-derived extracellular vesicles	Maria Chiara Ciferri	
O-M-2	Gla-Rich Protein-loaded EVs for cardiovascular research: Production via baculovirus-insect and human cell systems	Joana Carreira	
O-M-3	Comprehensive Classification of Antimicrobial and Cell-Penetrating Peptides in Vesicle Interactions	Tasvilla Sonallya	

10:30	Coffee break 15'		
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10:45	ST2	Sponsor's Talks 2	
ST-6	Eppendorf	Evolution with Ultracentrifugation	Robert Skraban
ST-7	Particle Metrix	Colocalization of Biomarkers using Nanoparticle Tracking Analysis	Christina Klasen
ST-8	EXODUS	EXODUS, High-Efficiency Isolation of Exosomes and Its Application in Diagnosis and Treatment	Zoey Wang
ST-9	Fox Biosystems	Use cases on quantitative affinity isolation of Extracellular Vesicles for downstream assays	Kris Ver Donck
ST-10	Cytek	Small Particle Detection Using Flow Cytometry: Full Spectral and Imaging Flow Cytometry	Erwin Swart

11:35	Coffee break 30'		
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Friday, 11.10.2024.

12:05	Session 11 BM-2	EV-based biomarkers 2 Chairs: Jason Webber, Sanja Goč
O-BM-5	miR-146a-5p and miR-21-5p from extracellular vesicles as potential biomarkers in gestational diabetes	Zorana Dobrijević
O-BM-6	Brain-derived blood extracellular vesicles as potential biomarkers in multiple sclerosis (MS): Pilot results from relapsing MS patients receiving anti-CD20 therapy	Shamundeewari Anandar
O-BM-7	Tumour-Derived Extracellular Vesicles Enriched in CAIX Indicate Hypoxia in Drug-Sensitive and Drug-Resistant Breast Cancer	Rawan Almasri

12:50	Session 12 HD-3	EVs in health and disease 3 Chairs: Saara Laitinen, Vendula Pospichalova
O-HD-9	Influence of platelet extracellular vesicles on T cell function and endothelial integrity in allergic inflammation	Elena Izquierdo
O-HD-10	Mechanisms of extracellular vesicle uptake in <i>G. intestinalis</i> and host cell interactions: role of clathrin and caveolin-mediated endocytosis	Marcel Ivan Ramirez Araya
O-HD-11	Endothelial cell derived extracellular vesicles in chemotherapy	Giulia Artemi

13:35	Awards and Closing remarks	
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