

Poster ID Presenting Author Abstract Title**Poster Session 1 - Thursday, 21 September 2021 - 14.30- 16.00 h**

P1	Jeran Marco	Plants as a “green” source of biologically active compounds: isolation and characterization of biologically active compounds and cellular particles from European spruce (<i>Picea Abies</i>) needles
P2	Paterna Angela	A renewable and scalable bioprocess: extracellular vesicles from microalgae
P3	Paba Carolina	Biophysical analysis of small extracellular vesicles (sEVs) and their interaction with model plasma membrane
P4	Palamà Maria Elisabetta Federica	Role of Extracellular Vesicles from adipose tissue- and bone marrow-mesenchymal stromal cells in endothelial proliferation and chondrogenesis
P5	Urbanelli Lorena	Drugs inducing lysosomal impairment drives the release of Extracellular Vesicles carrying autophagy-associated markers
P6	Maggio Serena	NSC-34-derived EVs promote AChR clustering through canonical and non-canonical Wnt signaling
P7	Strada Alessandro	Hydrophobic effects in membrane sensing peptides for small Extracellular Vesicle isolation and analysis
P8	Ciferri Maria Chiara	Extracellular Vesicles (EVs) as targetable drug delivery vehicles
P9	Paolini, Lucia	Fourier-transform infrared spectroscopy (FT-IR) to characterize EV subpopulations from plasma of subjects with Parkinson’s disease and healthy controls
P10	Skovronova Renata	Characterisation of surface markers in mesenchymal stromal cell-derived extracellular vesicles in normal or apoptotic condition
P11	Ramos Juarez Ana Paulina	Tuning density gradients for the separation of lipoproteins from plasma-derived extracellular vesicles
P12	Malvicini Ricardo	Characterization of mesenchymal stromal cell-derived extracellular vesicles isolated by two scalable methods
P13	Bozic Darja	Stability of haemoglobin-filled erythrocyte vesicles as assessed by dynamic and static light scattering
P14	Kralj-Iglic Veronika	Formation of colloidal small particles during processing of samples
P15	Cretich Marina	Evolving reversible immunocapturing by membrane sensing peptides: versatile platforms for scalable extracellular vesicles isolation and analysis
P16	Leonardi Antonio Alessio	A novel cost-effective biosensing platform based on silicon nanowires for liquid biopsy in ovarian cancer
P17	Arnaboldi Lorenzo	Size, lipid and protein characterization of different populations of extracellular vesicles obtained by sequential centrifugation from a metastatic melanoma cell line
P18	Raccosta Samuele	Extracellular vesicles from microalgae: biophysical/biomechanical characterisation
P19	Brambilla Marta	Characterization of TF positive small extracellular vesicles by microarrays and flow cytometry approach
P20	Tinë Mariaenrica	Comparison between Bronchoalveolar Lavage (BAL) and blood-derived microvesicles in lung diseases
P21	Casieri Valentina	Proteins associated with cancer risk are delivered into plasma exosomes early after extracorporeal circulation in cardiac surgery patients without a history of malignancies
P22	Cricri, Giulia	Emerging role of urinary and serum extracellular vesicles to identify biomarkers in children with immune-related nephrotic syndrome.
P23	Golia Maria Teresa	Extracellular vesicles miRNA track cognitive symptoms in multiple sclerosis patients
P24	Buratta Sandra	Cigarette smoke extract induces in airway epithelial cells the release of EVs conveying oxidatively modified proteins
P25	Corridori Eleonora	Evaluation of small extracellular vesicles microRNA cargo in FTD patients and their interactome
P26	Gebara Natalia	Molecular characterization and angiogenic properties of extracellular vesicles in uncomplicated and preeclamptic amniotic fluid
P27	De Siervi Silvia	Mass spectrometry-based characterization of extracellular vesicles from sporadic Amyotrophic Lateral Sclerosis: lipidomic
P28	Berrone, Elena	A miRNA fingerprint in Plasma-derived extracellular vesicles of hSOD1G93A transgenic swine
P29	Angelica Carandina	The predictive role of extracellular vesicles in ischemic stroke
P30	Franco Chiara	Evaluation of extracellular vesicles as potential myositis biomarkers
P31	Mugoni Vera	Comparative characterization of prostate cancer biomarkers in EVs isolated from patients’ plasma through different method
P32	Burrello Jacopo	Profiling circulating extracellular vesicle surface antigens in primary aldosteronism
P33	Vacchi Elena	The immune-profiling of plasma- and CSF- derived extracellular vesicles allows the discrimination between Parkinson’s Disease and atypical parkinsonisms
P34	Grange Cristina	Klotho inside uEVs and its potential role as biomarker for kidney physiopathology
P35	Ricciardi Alessandra	Fast quantification of extracellular vesicles levels in early breast cancer patients by Single Molecule Detection Assay (SiMoA)
P36	MS. Masciandaro	Neuronal Extracellular Vesicles content during Alzheimer’s disease progression
P37	Reale, Antonia	New targets and new approaches in multiple myeloma: extracellular vesicles as functional liquid biomarkers

Poster Session 2 - Wednesday, 22 September 2021 - 11.00- 12.30 h

P38	Femminò Saveria	Extracellular vesicles from acute coronary syndrome patients and myocardial ischemia-reperfusion injury
P39	Bruno Stefania	Extracellular vesicles derived from human liver stem cells attenuate chronic kidney disease development in an in vivo experimental model of renal ischemia and reperfusion injury.
P40	Kholia Sharad	HLSC-EVs alleviate kidney fibrosis by partially interfering with the β -catenin pathway through miR29b.
P41	Giulia Chiabotto	Human liver stem cell-derived extracellular vesicles target hepatic stellate cells and attenuate their pro-fibrotic phenotype
P42	Buono Lola	Renal progenitor-derived extracellular vesicles ameliorate podocyte function in a human in vitro model of glomerular permeability
P43	Chiara Gentili	Extracellular vesicles derived from mesenchymal stromal cells cultured in a clinical-grade medium promote human cartilage recovery.
P44	Casarotto Elena	The role of extracellular vesicles in TDP-43 proteinopathies
P45	Piovesana Ester	Tau seeds in extracellular vesicles induce tau accumulation in degradative organelles of cells
P46	Frigerio Roberto	Extracellular Vesicles analysis in cerebrospinal fluid of transgenic pigs: a model for biomarker discovery in Amyotrophic Lateral Sclerosis
P47	Bazzan Erica	Role of IL-5 in the release of eosinophilic extracellular vesicles
P48	Sbarigia Carolina	Macrophages, Extracellular Vesicles and Immune Function: a new crosstalk in metabolic diseases and related alterations
P49	Petraroia Ilaria	Role of plasma extracellular vesicles in lung cancer progression
P50	Tassinari, Sarah	Surface marker analysis of extracellular vesicles from tumor extracellular matrix
P51	Donatella Lucchetti	EVs released during the differentiation of Colorectal Cancer-Cancer Stem Cells induces a switch from oxidative to glycolytic metabolism in cancer-associated fibroblasts
P52	Giannandrea Domenica	Notch pathway role in multiple myeloma progression via extracellular vesicles-mediated communication
P53	Salamon Irene	Extrachromosomal FGFR2 gene is delivered in extracellular vesicles in two models of cancer of unknown primary
P54	Polidori Emanuela	Caveolin-1-overexpression induces extracellular vesicle secretion in a model of rhabdomyosarcoma
P55	Fietta Anna	Hypoxia-derived EVs deliver miR-210-3p to elicit a pro-metastatic phenotype in Neuroblastoma cells
P56	Fontana Fabrizio	Adipocyte-derived extracellular vesicles drive prostate cancer progression
P57	Pucci Marzia	Colorectal cancer-derived small extracellular vesicles induce epithelial to mesenchymal transition in normal hepatocytes: new insights on the hepatic pre-metastatic niche formation in colorectal cancer liver metastases.
P58	Arnaboldi Lorenzo	Pharmacological modulation of lipid metabolism in a human metastatic melanoma cell line alters protein expression and signalling of secreted extracellular vesicles
P59	Bollati Valentina	Associations among PCSK9 levels, atherosclerotic-derived extracellular vesicles and miRNAs in adults with obesity
P60	Giulia Solazzo	Air pollution effects on nasal microbiome composition and plasmatic extracellular vesicle release in allergic rhinitis
P61	Francesca Pontis	Circulating extracellular vesicles from individuals at high-risk of lung cancer induce pro-tumorigenic conversion of stromal cells through transfer of miR-126 and miR-320
P62	Zerbo Roberta	The phenotype of astrocytes from the spinal cord of late symptomatic SOD1G93A mice is modulated by mesenchymal stem cell-derived extracellular vesicles
P63	Arianna Frigerio, Roberto	Extracellular vesicles isolated from follicular fluid of antral and preovulatory follicles present a different miRNA profile related to follicular development and breeding season in buffalo (<i>bubalus bubalis</i>)
P64	Moccia Valentina	Autocrine effect of extracellular vesicles in the canine mammary tumor
P65	Moccia Valentina	"One health" extracellular vesicles: what messages from the veterinary medicine?
P66	Centelleghes Cinzia	Quantitative and qualitative characterization of extracellular vesicle in three cetaceans cell lines
P67	Marostica Giulia	PESTO: Preservation of Extracellular vesicles during STORage The impact of storage on extracellular vesicles: a systematic study
P68	Linda Bellucci	A three-dimensional millifluidic glomerular model for the tracking of extracellular vesicles in kidney physiopathology.
P69	Senigagliaesi Beatrice	Role of Extracellular Vesicles in modulation of biomechanical properties of target cells
P70	Musicò Angelo	Extracellular Vesicle analysis in the COVID-19 era: Insights on Serum Inactivation Protocols towards Downstream Isolation and Analysis
P71	Corridori Eleonora	Immunological characterization of plasma-derived extracellular vesicles in patients with Amyotrophic Lateral Sclerosis.
P72	Tasso Roberta	Dissecting the effects of preconditioning with inflammatory cytokines and hypoxia on the angiogenic potential of mesenchymal stromal cell (MSC)-derived soluble proteins and extracellular vesicles (EVs)
P73	Urzi Ornella	The anti-inflammatory properties of lemon-derived extracellular vesicles are achieved through the inhibition of ERK/NF- κ B signaling pathway
P74	Mecocci Samanta	Cow, donkey, and goat milk extracellular vesicles OMIC characterization tells about their anti-inflammatory, immunomodulatory, and antioxidant potential
P75	Lopatina Tatiana	Extracellular vesicles released by tumor endothelial cells suppress immune defense by enhancing PDL1 expression on myeloid cells.
P76	Cafora Marco	Zebrafish as a functional model to assess the effects of Extracellular Vesicles on innate immune response modulation