

**Programme of the 1<sup>st</sup> GSEV Autumn Meeting, Philipps-University Marburg  
German Society for Extracellular Vesicles ([gsev.org](http://gsev.org))**

Conference venue: Universität Marburg, Hörsaal III 0/66020, Hörsaalgebäude Ebene 0, Conradstraße, 35043 Marburg

**Thursday 15 November 2018**

13:00 Welcome (Elke Pogge von Strandmann and the organising committee)

**13:15 - 14:30 Session 1: EVs tricky methods 1 – technical improvements for the isolation and molecular characterization of EVs (Chair Katrin Reiners)**

13:15 Rory Koenen, Maastricht: *Chances and challenges in extracellular vesicle research*

13:45 Anthony Rutt, KDBio: *Efficient production of EVs using a continuous, high density cell culture system*

14:00 Tobias Tertel, Essen: *Amnis ImageStream X - Optimization of the imaging flow technology for single EV analyses*

14:15 Stefan Wild, Miltenyi Biotech: *Tracing extracellular vesicle diversity by immunoaffinity beads*

14:30-15.00 *Coffee break*

**15:00-16:00 Session 2: EVs tricky methods 2 – technical improvements for the isolation and molecular characterization of EVs (Chair Katrin Reiners)**

15:00 Oscar Gala, Immunostep: *Exosomes detection by flow cytometry*

15:15 Liliia Paniushkina, Freiburg: *Comparative analysis of different methods for isolation of different EV subtypes in context of their applicability for EV-based liquid biopsy*

15:30 Claudia Binder, Göttingen: *Metabolomic profiling of microvesicles in cancer patients' blood*

15:45 Eric Osei, Jena: *Surface enhanced Raman spectroscopy to characterize different fractions of extracellular vesicles from control and cancer patients*

**16.00-17:00 Session 3: Poster pitch (Chairs: Kerstin Menck, Julia Gross)**

17:00 Poster session, get together with finger food

18:30 End of day 1

19:00 Speaker's dinner (invited speakers and chairs)

## **Friday 16 November 2018**

**8:30 -9:30 Keynote lecture: Pascale Zimmermann, Marseille: *Scaffolds, lipids and SRC tyrosine kinase in the biogenesis and activity of exosomes* (Chair: Kerstin Menck)**

**9:30-11:00 Session 4: EV in cancer and immunology (Chairs: Elke Pogge von Strandmann, Viktor Umansky)**

9:30 Viktor Umansky, Heidelberg: *Induction of immunosuppressive myeloid cells by tumor-derived extracellular vesicles*

10:00 Emily Slater, Marburg: *The Combination of MiRNA-196b, LCN2, and TIMP1 is a Potential Set of Circulating Biomarkers for Screening Individuals at Risk for Familial Pancreatic Cancer*

10:30 Oumaima Stambouli, Essen: *Effect of Leukemia and Lymphoma derived extracellular vesicles on HSPCs*

10:45 Veronika Mussack, Freising: *TGFBR2-dependent microRNA expression profiles in microsatellite-unstable colorectal cancer cells and their extracellular vesicles*

11:00 Maximiliane Schuldner, Marburg: *Exosome-dependent immune surveillance at the metastatic niche requires BAG6*

*11:15-11.45 Coffee break*

**11:45 – 13:00 Session 5: EVs in development (chairs: Kerstin Merck, Julia Gross)**

11:45 Ralf Jacob, Marburg: *The logistics of galectin-3 trafficking in epithelial cells*

12:15 Alexandra Hager, Munich: *Adipocyte derived extracellular vesicles are regulators of glucose homeostasis*

12:30 Elena Grueso, Freiburg: *Deciphering the role of tetraspanin Tspan8 in the regulation of EVs content*

12:45 Karen Linnemannstöns, Göttingen: *Extracellular Vesicles in an in vivo system for macrophage migration*

*13:00 – 14:30 Lunch*

**14:30 – 15:45 Session 6: EV therapy (Chair: Gregor Fuhrmann)**

14:30 Heikki Saari, Helsinki: *Methods for preparation and analysis of therapeutic extracellular vesicles*

15:00 Ann-Kathrin Zimmermann, Jena: *Characterization of Aspergillus-induced Macrophage-derived Extracellular Vesicles*

15:15 Adriely Goes, Saarbrücken: *Biocompatible myxobacterial outer membrane vesicles: a promising alternative to treat infections*

15:30 Jill-Sandra Schoefinius, Hamburg: *Mesenchymal stromal cell-derived extracellular vesicles provide long-term survival after radiotherapy without additional hematopoietic stem cell support*

**15:45 - 16:30 Concluding remarks, poster prizes and discussion (Elke Pogge von Strandmann and the organising committee)**