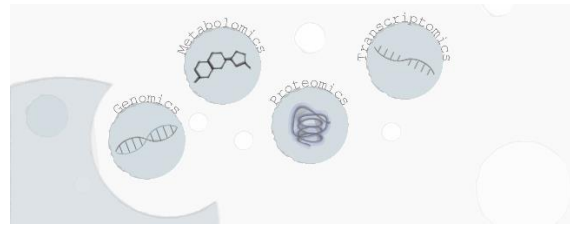


GSEV EV OMICS workshop Marburg December 2023



This workshop is for students interested in learning the basics of extracellular vesicle OMICS, as well as for researchers with intermediate experience who may not be too familiar with the workflows and techniques for OMICS studies.

Dates: 06.-07.12.2023

Location: Seminarraum 0331, Center for Tumor Biology and Immunology (ZTI), Philipps University Marburg, Hans-Meerwein-Str. 3, D-35043 Marburg

Organization committee: Christian Preußer, Tobias Tertel, Elke Pogge von Strandmann

Day 1 (Wednesday 06.12.2023)

09:30 **Arrival registration**

10:00 **Welcome and Introduction**

C. Preußer & GSEV committee – Philipps University Marburg

10:30 **“Deciphering the Impact of Pre-Analytical Variables on Plasma-Derived Extracellular Vesicles: A Comparative Study Using Imaging Flow Cytometry for Enhanced Diagnostic Accuracy”**

Tobias Tertel - University Hospital Essen

11:15 **“Proteomics of Extracellular vesicles”**

Johannes Graumann – Philipps University Marburg

12:00 **“Small things matter - metabolomics of extracellular vesicles”**

Verena Taudte – Philipps University Marburg -

12:45 **Lunch**

13:30 **Meet the experts/round tables 1**

15:00 **Sponsor Talk**

15:30 **“From Bench to Bedside - Chances and Challenges for EV and ctDNA-based Biomarkers”**

Stefan Holdenrieder - German Heart Centre Munich

16:15 **Coffee**

16:30 **“Mass cytometric analyses of EV recipients “**

Daniel Bachurski – University Hospital Cologne

17:15 **Poster with bretzels and beer**

19:00 **Christmas Market**

Day 2 (Thursday 07.12.2023)

09:00 **“Characterization of extracellular RNA in human blood plasma using novel small RNA-seq method based on semi-ligation principle”.**

Andrey Turchinovich – Heidelberg University

09:45 **"In-depth characterization of EV transcription profiles by (small) RNA NGS"**

Benedikt Kirchner – Technical University Munich -

10:30 **“A development pipeline for omics biomarkers based on circulating EVs”**

Michael Pfaffl – Technical University Munich -

11:15 **Sponsor Talk**

11:30 **Meet the experts/round tables 2**

12:15 Closing remarks