

## Donnerstag 01. März 2018 - GSEV

### 09:00-10:30 GSEV 1-1: EVs: from biogenesis to function

Vorsitz: Bernd Giebel (Essen), Eva-Maria Krämer-Albers (Mainz)

- 23 min - Live tracking of exosome communication in vivo  
*Guillaume van Niel, INSERM, Paris*
- 22 min - Neutral sphingomyelinases control Extracellular Vesicles budding from the plasma membrane  
*Julia Gross, Universitätsmedizin Göttingen, Göttingen*
- 23 min - Extracellular vesicles from platelets; transporters of inflammatory information  
*Rory Koenen, Maastricht University, Maastricht*
- 22 min - Differential Interaction of Extracellular Vesicles with Immune Cells in Human Whole Blood  
*Andreas Spittler, Medizinische Universität Wien, Wien*

### 10:30-11:00 Pause: Pause - Industrieausstellung

### 11:00-12:30 GSEV 1-2: EVs in immune regulation

Vorsitz: Elke Pogge von Strandmann (Marburg)

- 23 min - Role of Tumor cells derived EVs: Regulation of NK Cell Plasticity  
*Katrin Reiners, Universität Bonn, Bonn*
- 22 min - Immune modulatory effect of mesenchymal stromal cell-derived extracellular vesicles  
*Maurizio Muraca, University of Padova, Italy*
- 23 min - Role of EVs in Hodgkin lymphoma  
*Daniel Bachurski, Universität Köln, Hämatologie/Onkologie, Köln*
- 22 min - Protease-mediated exosomal signaling in the tumor microenvironment  
*Jörg Bartsch, Philipps Universität Marburg, Marburg*

### 12:30-13:45 Pause: Pause - Industrieausstellung

### 13:45-15:15 GSEV 1-3: EVs in the nervous system

Vorsitz: Stefan Momma (Frankfurt)

- 23 min - EVs in neurodegeneration  
*Anja Schneider, DZNE, Bonn*
- 23 min - The role of extracellular vesicle in neurodegeneration  
*Karin Danzer, Universitätsklinikum Ulm, Ulm*
- 22 min - Neuro-Immune Interactions by Extracellular Vesicles  
*Stefan Momma, Edinger Institut, Frankfurt*
- 22 min - EVs for treatment of ischemia  
*Josephine Herz, Universitätsklinikum Essen, Essen*

### 15:15-16:00 Pause: Pause - Industrieausstellung

### 16:00-17:30 GSEV 1-4: Cell-free DNA

Vorsitz: Perikles Simon (Mainz)

- 23 min - DNA in (tumor) extracellular vesicles  
*Basant-Kumar Thakur, Universitätsklinikum Essen, Essen*
- 22 min - TBA  
*Stefan Holdenrieder, Deutsches Herzzentrum, München*
- 23 min - Cell free DNA as a marker in exercise physiology  
*Elmo Neuberger, Johannes Gutenberg Universität Mainz, Mainz*
- 22 min - Liquid profiling of androgen receptor splice variants predicts treatment response in prostate cancer patients  
*Christof Winter, Technische Universität München, München*

### 17:30-18:15 Pause: Pause - Industrieausstellung

### 18:15-19:00 Joint Session: Festvortrag

Vorsitz:

- 45 min - IGLD 2018: Co-Evolution  
*Wolfgang Haak, MPI, Jena*

### 19:00-21:00 Get Together: Get Together

## Freitag 02. März 2018 - GSEV/GSCN

**08:30-10:00 GSEV 2-1: EVs in diagnostics/biofluids**

Vorsitz: Irina Nazarenko (Freiburg), Gregor Fuhrmann (Homburg)

- 22 min - Isolation and characterization of plasma EVs  
*An Hendrix, Ghent University Hospital, Gent*
- 23 min - Microvesicles as prognostic biomarkers in cancer  
*Kerstin Menck, Universitätsmedizin Göttingen, Göttingen*
- 22 min - EVs in Clinical Diagnostics - How to optimize EV-Purification and microRNA Sequencing in Sepsis Patients  
*Michael Pfaffl, Technische Universität München, Freising-Weihenstephan*
- 23 min - Nanoparticle Tracking Analysis using ZetaView  
*Clemens Hambrecht, Particle Metrix, Meerbusch*

**10:00-10:30 Pause: Pause - Industrieausstellung****10:30-12:00 GSEV 2-2: EVs in the circulation**

Vorsitz: Eva-Maria Krämer-Albers (Mainz)

- 23 min - EVs in cardiovascular disease  
*Thomas Thum, Medizinische Hochschule Hannover, Hannover*
- 23 min - Extracellular vesicles / bricks for microcalcification formation  
*Claudia Goettsch, Uniklinik RWTH Aachen, Aachen*
- 22 min - EVs during ischemic preconditioning  
*Ulrich Frey, Universitätsklinikum Essen, Essen*
- 22 min - EVs in the plasma of exercising humans  
*Eva-Maria Krämer-Albers, Universität Mainz, Mainz*

**12:00-13:00 Pause: Pause - Industrieausstellung****13:00-14:30 GSEV/GSCN 2-3: EV and stem cells**

Vorsitz: Eva Rhode (Salzburg), Bernd Giebel (Essen)

- 30 min - EV-induced recovery of renal injury  
*Giovanni Camussi, Uni Turin, Turin*
- 20 min -  
*Verena Börger, Uniklinikum Essen, Essen*
- 20 min -  
*Mario Gimona, Paracelsus Medizinische Universität, Salzburg*
- 20 min - Production of Bioactive EVs from an Immortalized Human Neural Stem Cell line and their therapeutic application  
*Randolph Corteling, ReNeuron, Bridgend, UK*

**14:30-15:00 Pause: Pause - Industrieausstellung****15:00-16:30 GSCN 2-4: Pluripotency and early development**

Vorsitz: Daniel Besser (Berlin), Hannes Klump (Essen)

- 30 min - Pluripotent stem cell based assays for early stage drug discovery  
*Ole Pless, Fraunhofer Screenport, Hamburg*
- 30 min - Combining iPSC technology and genome editing for biomedical research  
*Sylvia Merkert, MH Hannover, Hannover*
- 30 min - Controlling cell fate along the cardiac lineage using human pluripotent stem cells  
*Boris Greber, MPI f. Biomedizinische Forschung, Münster*

**16:30-17:00 Pause: Pause - Industrieausstellung****17:00-18:30 GSCN 2-5: Somatic stem cells**

Vorsitz: Dirk Strunk (Salzburg), Karen Bieback (Mannheim)

- 30 min - Two succeeding fibroblastic lineages drive dermal development and the transition from regeneration to scarring  
*Yuval Rinkevitch, HelmholtzZentrum München, München*
- 30 min - Human HSC engraftment in mice to advance biomedical research  
*Claudia Waskow, TU Dresden, Dresden*
- 30 min - From pluripotent to hematopoietic stem cells / the long and winding road  
*Hannes Klump, Uniklinik Essen, Essen*

**20:00-22:00 Party: Party**