

Conference Venue:
University of Leipzig
Augustusplatz 10
04109 Leipzig, Germany

Scientific Program

Wednesday, March 1, 2017

12:00 – 12:15 New Challenges for the DGZ

Carien Niessen, President, German Society for Cell Biology

12:15 – 13:15 DGZ Awards

Walther Flemming Award

Nikon Young Scientist Award of the DGZ

Binder Innovation Prize

Werner Risau Prize

13:15 – 14:30 Carl Zeiss Lecture

Peter Walter (San Francisco, USA): The unfolded protein response and beyond

14:30 – 15:00 Coffee Break

15:00 – 16:30 Session 1: Cell biology by numbers

Chair: Simone Reber (Berlin, Germany)

Keynote Speaker: Stephan Grill (Dresden, Germany): Polarity establishment by the numbers

Julia Mahamid (Munich, Germany): In situ cryo-electron tomography reveals the molecular sociology at the HeLa cell nuclear periphery

Simone Reber (Berlin, Germany) (short talk): Spindle length and shape: How geometry arises from molecular interactions

[and possibly 1 short talk selected from the abstracts](#)

16:30 – 17:30 Poster Walk 1: Short Presentations on Digi Posters

17:30 – 18:45 DGZ Member Meeting

18:45 – 20:15 Session 2: Mechanisms of nucleocytoplasmic exchange

Chair: Martin Beck (Heidelberg, Germany)

Keynote Speaker: Wolfram Antonin (Aachen, Germany): Nuclear pore complex formation: step-wise assembly of a transport gate

Martin Beck (Heidelberg, Germany): Structure and function of the nuclear pore complex

[and up to 2 short talks selected from the abstracts](#)

20:30 **Get Together with drinks and buffet**
(Grassimuseum Leipzig)

Thursday, March 2, 2017

08:30 **Session 3: New insights into cell-cell fusion: Mechanisms of membrane fusion**
Chair: Susanne Önel (Marburg, Germany)

Keynote Speaker: Thomas Krey (Hannover, Germany): Structural basis of gamete fusion

Susanne Önel (Marburg, Germany): Signalling myoblast fusion in Drosophila

[and up to 2 short talks selected from the abstracts](#)

10:00 **Poster Walk 2: Short Presentations on Digi Posters**

11:00 **Session 4: Extracellular vesicles - The secret side of cell-cell communication**
Chair: Julia Gross (Goettingen, Germany)

Keynote Speaker: Pascale Zimmermann (Marseille, France): The syndecan-syntenin pathway in exosome biogenesis and uptake

Julia Gross (Goettingen, Germany): Neutral sphingomyelinases control Extracellular Vesicles budding from the plasma membrane

[and up to 2 short talks selected from the abstracts](#)

12:30 **Wrap Up by the President and Lunch**