

**Spring Member Meeting of the German Society for Cell Biology (DGZ)  
March 1–2, 2017 in Leipzig, Germany**

[www.zellbiologie.de](http://www.zellbiologie.de)

**Conference Venue:**  
University of Leipzig  
Hörsaalgebäude (HS8)  
Augustusplatz 10  
04109 Leipzig, Germany

## Scientific Program

### Wednesday, March 1, 2017

<b>12:00 – 12:15</b>	<b>New Challenges for the DGZ</b>
	Carien Niessen, President, German Society for Cell Biology
<b>12:15 – 13:00</b>	<b>DGZ Awards</b>
12:15 – 12:30	<b>Binder Innovation Prize</b> Sara Wickström (Cologne, Germany): Mechanisms and mechanics of epidermal stem cell fate regulation
12:30 – 12:45	<b>Nikon Young Scientist Award of the DGZ</b> Evgenij Fiskin (Frankfurt/Main, Germany): Regulation of host-pathogen interactions by the ubiquitin system
12:45 – 13:00	<b>Werner Risau Prize</b> Kerstin Wilhelm (Bad Nauheim, Germany): FOXO1 couples metabolic activity and growth state in the vascular endothelium
<b>13:00 – 14:15</b>	<b>Carl Zeiss Lecture</b>
	Peter Walter (San Francisco, USA): The unfolded protein response and beyond
<b>14:15 – 14:45</b>	<b>Coffee Break</b>
<b>14:45 – 16:15</b>	<b>Session 1: Cell biology by numbers</b> Chair: Simone Reber (Berlin, Germany)
14:45 – 15:15	Keynote Speaker: Stephan Grill (Dresden, Germany): Polarity establishment by the numbers
15:15 – 15:45	Julia Mahamid (Munich, Germany): In situ cryo-electron tomography reveals the molecular sociology at the HeLa cell nuclear periphery
15:45 – 16:00	Simone Reber (Berlin, Germany): Spindle length and shape: How geometry arises from molecular interactions (short talk)
16:00 – 16:15	Jörg Mansfeld (Dresden, Germany): Quantitative cell cycle analysis based on an endogenous all-in-one reporter for cell tracking and classification (short talk)
<b>16:15 – 17:15</b>	<b>Poster Walk 1: Short Presentations on Digi Posters</b>

**17:15 – 18:30**     **DGZ Member Meeting**

**18:30 – 20:00**     **Session 2: Mechanisms of nucleocytoplasmic exchange**

Chair: Martin Beck (Heidelberg, Germany)

18:30 – 19:00     Keynote Speaker: Wolfram Antonin (Aachen, Germany): Nuclear pore complex formation: step-wise assembly of a transport gate

19:00 – 19:15     Marie-Therese Mackmull (Heidelberg, Germany): Landscape of nuclear transport receptor cargo specificity (short talk)

19:15 – 19:30     Germán Camargo Ortega (Munich): The novel centrosomal protein Akna, a regulator of microtubule organizing activity, controls neurogenesis (short talk)

19:30 – 20:00     Martin Beck (Heidelberg, Germany): Structure and function of the nuclear pore complex

**20:30**     **Get Together with drinks and buffet**

(Grassimuseum Leipzig)

## Thursday, March 2, 2017

<b>08:30 – 10:00</b>	<b>Session 3: New insights into cell-cell fusion: Mechanisms of membrane fusion</b> Chair: Susanne Önel (Marburg, Germany)
08:30 – 09:00	Keynote Speaker: Thomas Krey (Hannover, Germany): Structural basis of gamete fusion
09:00 – 09:30	Susanne Önel (Marburg, Germany): Signalling myoblast fusion in <i>Drosophila</i>
09:30 – 09:45	André Fleißner (Braunschweig, Germany): Cellular dialogs: Cell-cell communication and fusion in <i>Neurospora crassa</i> (short talk)
09:45 – 10:00	Edgar-John Vogt (Bethesda, USA): Exocytosis of mouse cortical granules is regulated by the subcortical maternal complex (short talk)
<b>10:00 – 11:00</b>	<b>Poster Walk 2: Short Presentations on Digi Posters</b>
<b>11:00 – 11:15</b>	<b>DGZ Award</b>  <b>Walther Flemming Award</b> Kikue Tachibana-Konwalski (Vienna, Austria): Molecular control of the mammalian oocyte-to-zygote transition
<b>11:15 – 12:45</b>	<b>Session 4: Extracellular vesicles - The secret side of cell-cell communication</b> Chair: Julia Gross (Goettingen, Germany)
11:15 – 11:45	Keynote Speaker: Pascale Zimmermann (Marseille, France): The syndecan-syntenin pathway in exosome biogenesis and uptake
11:45 – 12:00	Tina Tylek (Wuerzburg, Germany): Bidirectional communications of macrophages and mesenchymal stromal cells in direct and indirect co-culture system (short talk)
12:00 – 12:15	Ann Wehman (Wuerzburg, Germany): Determining the fate of extracellular vesicles in <i>C. elegans</i> : trafficking of released organelles (short talk)
12:15 – 12:45	Julia Gross (Goettingen, Germany): Neutral sphingomyelinases control extracellular vesicles budding from the plasma membrane
<b>12:45</b>	<b>Wrap Up by the President and Lunch</b>