



### How to find us by public transport

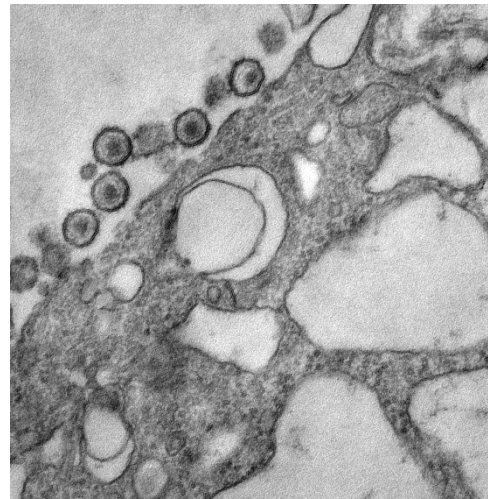
- **U79:** directly from the university to the stop Heinrich-Heine-Allee (ride: 14 minutes)
- **Bus SB 56** to Bilk S-Bahn, from there with the tram to the stop Heinrich-Heine-Allee or Jan-Wellem-Platz (ride: ca. 20 minutes)
- **Tram:** line 713 (Heinrich-Heine-Allee)

### Contact

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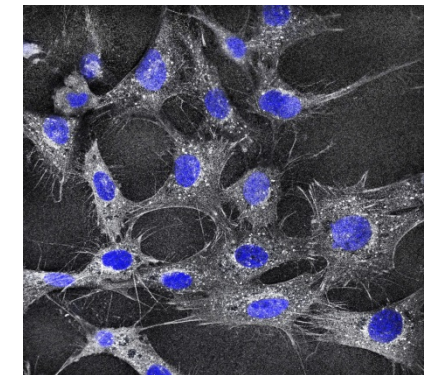
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Geb. 22.07; Zentrum für synthetische Lebenswissenschaften (ZSL)

## BMFZ MEETING IN DÜSSELDORF September 25, 2018

### “Autophagy”



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Biologisch-Medizinisches  
Forschungszentrum (BMFZ)  
(Centre for Biological and  
Medical Research)



## “Autophagy”

9.15 h	Welcome	Arndt Borkhardt
	<b>Session I: “Molecular mechanisms of autophagy“</b>	Chair: Björn Stork
9.30 h	<i>The role of Atg2 in autophagy</i>	Fulvio Reggiori, Groningen
10.00 h	<i>Molecular mechanisms of autophagosome formation and fusion</i>	Claudine Kraft, Freiburg
10.30 h	<i>A dedicated pathway targets proteins aggregates to lysosomes during autophagy</i>	Thomas Wollert, Paris
11.00 h	<i>Mammalian autophagy-related proteins - insights from structural biology, cell biology, and imaging</i>	Oliver Weiergräber, Jülich
11.15 h	Coffee Break	
	<b>Session II: “Selective autophagy“</b>	Chair: Andreas Reichert
11.45 h	<i>NIPSNAPs function as eat-me signals in mitophagy</i>	Anne Simonsen, Oslo
12.15 h	<i>Identifying machinery and cargo of selective autophagy</i>	Christian Behrends, München
12.45 h	<i>Chewing fat – lipid droplet biogenesis and turnover control</i>	Mathias Beller, Düsseldorf
13.00 h	Lunch	
14.00 h	<i>Hadding award ceremony</i>	Klaus Pfeffer, Vice President for Strategic Management and Equal Opportunities, Düsseldorf

	<b>Session III: “Autophagy in aging and disease “</b>	Chair: Sebastian Wesselborg
14.15 h	<i>Mechanisms of Autophagy and Cellular Ageing</i>	Martin Graef, Cologne
14.45 h	<i>Mitophagy control of the aging process</i>	Natascia Ventura, Düsseldorf
	<b>Session IV: “Cancer treatment strategies exploiting cell death signaling pathways“</b>	Chair: Arndt Borkhardt
15.00 h	<i>Induction of apoptosis by BH3-mimetics</i>	Meike Vogler, Frankfurt
15.30 h	Coffee Break	
16.00 h	<i>Necroptosis RIPs drug resistant leukemia into pieces</i>	Beat Bornhauser, Zürich
16.30 h	<i>Genomics and drug profiling identify targetable cell death pathways and therapeutic options in acute lymphoblastic leukemia</i>	Ute Fischer, Düsseldorf
16.45 h	Closing remarks	Arndt Borkhardt

The Centre for Biological and Medical Research of the Heinrich-Heine University Düsseldorf kindly invites all colleagues to its annual meeting entitled “Autophagy”.

The cellular process of autophagy was observed as early as the 1960s, but the molecular characterization of this process occurred only in the last 20 years. In 2016, Prof. Yoshinori Ohsumi received the Nobel Prize for Physiology and Medicine for his ground-breaking work on the molecular mechanisms of autophagy. Autophagy describes the process of cellular "self-digestion" that can be induced under stress conditions. These conditions include nutrient deprivation, withdrawal of growth factors, infection with intracellular pathogens, or protein aggregation. Accordingly, autophagy or its dysregulation are involved in several pathophysiological processes, e.g. cancer or neurodegenerative diseases. As a result, translational and clinical research is currently focusing on the modulation of autophagy. This BMFZ symposium addresses both molecular mechanisms and clinical aspects of autophagy signal transduction.

<b>Location</b>	Haus der Universität, Schadowplatz 14, 40212 Düsseldorf
<b>Time</b>	September 25, 2018; 9.15 h – 17.00 h
<b>Program Committee</b>	Arndt Borkhardt, Ute Fischer, Björn Stork, Andreas Reichert et al.
<b>Organisation</b>	Cornelia Höner

Registration under (no registration fee):  
[www.BMFZ.de](http://www.BMFZ.de) (see BMFZ-Meeting 2018)