

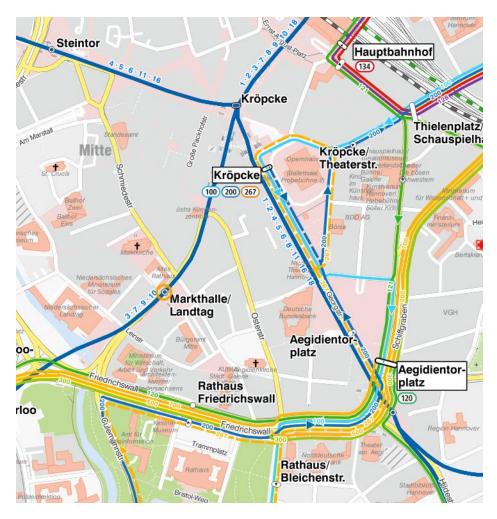
Medicinal Chemistry in the 21st Century:Modern Concepts to Provide Effective Therapies

September 14th 2017, Altes Rathaus, Karmarschstr. 42, 30159 Hannover



10:00	Tea and Coffee
10:30	Opening Remarks Prof. Dr Russell Cox
	Chair Prof. Dr. Markus Kalesse
10:30	Prof. Dr. Dietmar Manstein (Medizinische Hochschule Hannover & BMWZ) Allosteric Modulation of Actomyosin-based Contractility
11:15	Prof. Dr. Dario Neri (ETH Zürich) From encoded combinatorial libraries to targeted therapeutics
12:00	Lunch
	Chair Prof. Dr. Teresa Carlomagno
13:30	Dr. Wolfgang Jahnke (Novartis Basel) Fragment-based discovery of Asciminib (ABL001), an allosteric Bcr-Abl inhibitor for the treatment of resistant chronic myelogenous leukemia
14:15	Prof. Dr. Mark Brönstrup (HZI Braunschweig & BMWZ) Chemical Biology Directed to Antiinfective Drug Discovery
15:00	Tea and Coffee
	Chair Prof. Dr. Oliver Plettenburg
15:45	Dr. Michael Wagner , (Sanofi) Therapeutic Peptides & Proteins for the Treatment of Diabetes
16:30	Prof. Dr. Daniel Krappmann , (HMGU, München) MALT1 protease - from molecular mechanisms to allosteric inhibition
17:15	Closing Remarks Prof. Dr. Andreas Kirschning

The discovery of new medicines to treat devastating diseases remains a prime goal of biomedical research. However, despite involvement of significant budgets, parallelization efforts and increasing understanding of disease biology, attrition rates for drug discovery projects remain unsustainably high. This symposium is dedicated to showcase different modern approaches for drug discovery that may help to increase chances of success, design selective and safe inhibitors for therapeutic applications and ultimately provide new treatment options for diseases. New approaches for lead-finding beyond classical high throughput screens like DNA encoded libraries or fragment based approaches have significantly improved the availability of promising starting points and helped to tackle previously intractable proteins. Allosteric inhibitors pose great opportunities for achieving highly effective and selective therapeutic effects. Lastly, new concepts like targeted delivery and exploitation of alternative therapeutic entities beyond small molecules bear great promise to provide effective treatment options. We are happy to present an impressive line-up of speakers to share their experiences, insights, success stories and case studies.



Altes Rathaus, Karmarschstr. 42, 30159 Hannover.
Nearest Ubahn stop: Markthalle / Landtag

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