

LIFE SCIENCES

Molecules of Life – Molecules in Life
(Liebig-Vereinigung, FG Medizinische Chemie, FG Biochemie,
Fachsektion Chemische Biologie)

Dieses Symposium ist exklusiv gesponsert von



Dienstag, 1. September 2015

Hamburg 1 (Börse Dresden)

- 10.50 Welcome,
Introductory Remarks,
Poster Flash Presentations,
Poster Prize,
Awards of the Fachsektion Chemische Biologie

Photopharmacology and Optogenetics

- 11.10 Photopharmacology and the Restoration of Vision
D. Trauner, München/DE
- 11.50 Engineering, Structure and Mechanism of Sensory
Photoreceptors
A. Möglich, Berlin/DE
- 12.10 Chemical Tools to Optically Control Protein Function
A. Deiters, Pittsburgh/US

Peptides and Antibodies as Tools and Probes

- 14.20 Armed Antibodies and Targeted Cytotoxics for Cancer
Therapy
D. Neß, Zürich/CH
- 15.00 Site-specific Labelling and Cellular Delivery of
Functional Proteins
C. Hackenberger, Berlin/DE
- 15.20 Miniaturization of Antibodies: Bicyclic Peptides
Developed by Phage Display
C. Heiris, Lausanne/CH

Progress in Antiviral Therapy

- 16.20 Developing novel options for antiviral therapies from
natural products
B. Brack-Werner, Neuherberg/DE
- 16.40 Letemovir – from bench to bedside: the novel drug
against Cytomegalovirus
H. Zimmermann, Wuppertal/DE
- 17.00 Sofosbuvir: A breakthrough Curative Therapy for the
Treatment of HCV
M. J. Sofia, Doylstown/US

Mittwoch, 2. September 2015

Hamburg 1 (Börse Dresden)

- 10.40 Verleihung des Klaus-Grohe-Preises für
Medizinische Chemie und des Förderpreises
der Hellmut-Bredereck-Stiftung
mit Vorträgen der Preisträger

Covalent Reactivity in Chemical Biology and Medicinal Chemistry

- 11.35 Afatinib – How Covalent Reactivity, PGx and CDx
Combine for an Improved Cancer Treatment
H. Dollinger, Biberach/DE, E. Langkopf, Biberach/DE,
F. Himmelsbach, Biberach/DE, F. Solca, Biberach/DE