

CIPSM^M - FEST OF CHEMICAL BIOLOGY
15TH – 16TH OF SEPTEMBER 2011

BUCHNER LECTURE HALL
DEPARTMENT OF CHEMISTRY
LUDWIG-MAXIMILIANS-UNIVERSITÄT (LMU) MÜNCHEN
FEODOR-LYNEN-STREET
81377 MUNICH
www.cipsm.de/fest

PROGRAM

Draft: 8th of September 2011

THURSDAY 15TH OF SEPTEMBER 2011

- Session chair: THOMAS CARELL*
09:30 – 09:45 THOMAS CARELL (Speaker of CIPSM^M)
Welcome
- 09:45 – 10:45 CHRIS CHANG
“Molecular imaging approaches to understanding metal and redox biology in the brain”
- 10:45 – 11:15 *Coffee break in the Foyer*
- 11:15 – 12:15 MICHAEL FAMULOK
“Insight into ErbB receptor signaling from a Chemical Biology perspective”
- 12:15 – 13:15 ITARU HAMACHI
“Protein labeling and engineering in live cell systems”
- 13:15 – 14:30 *Lunch in the Foyer*
- Session chair: HERBERT MAYR*
14:30 – 15:30 JULIUS REBEK
“Molecular Behavior in Small Spaces”
- 15:30 – 16:30 MITSUHIKO SHIONOYA
“Bio-inspired Molecular Design of Supramolecular Architectures”
- 16:30 – 17:00 *Coffee break in the Foyer*
- Session chair: ARNE SKERRA*
17:00 – 18:00 SHANKAR BALASUBRAMANIAN
“Sequencing Nucleic Acids: A Passage from Chemistry to Science and Medicine”

FRIDAY 16TH OF SEPTEMBER 2011

- 09:00 – 10:00 *Session chair: HOFFMANN-RÖDER*
BENJAMIN F. CRAVATT III
“Activity-based proteomics: applications for enzyme and inhibitor discovery”
- 10:00 – 11:00 JON CLARDY
“Bacterial Conversations”
- 11:00 – 11:30 *Coffee break in the Foyer*
- 11:30 – 12:30 *Session chair: MICHAEL GROLL*
WILFRED A. VAN DER DONK
“Posttranslational modifications in natural product biosynthesis”
- 12:30 – 13:30 FRANÇOIS DIEDERICH
“Molecular Recognition at Enzyme Active Sites”
- 13:30 – 14:30 *Lunch in the Foyer*
- 14:30 – 15:30 *Session chair: STEPHAN SIEBER*
HIROSHI SUGIYAMA
“Chemical Biology that Controls DNA Structure and Function”
- 15:30 – 16:30 CHRISTOPHER T. WALSH
“Thiazole Peptide Antibiotic Biosynthesis: A Cascade of Posttranslational Modifications”
- 16:30 – 17:00 *Coffee break in the Foyer*
- 17:00 – 18:00 *Session chair: DIRK TRAUNER*
PETER G. SCHULTZ
“Synthesis at the Interface of Chemistry and Biology”
- 18:00 – 19:00 THOMAS CARELL
“The chemistry of genome development”
- 19:00 *End of the Fest*

Speakers

1. **Shankar Balasubramanian**
Dept. of Chemistry, University of Cambridge UK
2. **Thomas Carell**
Dept. of Chemistry, CIPSM at Ludwig-Maximilians-Universität (LMU) München
3. **Chris Chang**
Dept. of Chemistry, UC Berkeley
4. **Jon Clardy**
Dept. of Chemistry & Chemical Biology, Harvard Med. School, Broad Inst., Harvard University
5. **Benjamin F. Cravatt III**
Dept. of Chemical Physiology, The Skaggs Institute, The Scripps Research Institute
6. **François Diederich**
ETH Zürich, Lab. of Organic Chemistry
7. **Wilfred A. van der Donk**
Dept. of Chemistry, University of Illinois at Urbana-Champaign
8. **Michael Famulok**
Rheinische Friedrich-Wilhelms-Universität Bonn, Lab. of Chemical Biology
9. **Itaru Hamachi**
Dept. of Synthetic Chemistry and Biological Chemistry, Kyoto University
10. **Julius Rebek**
The Skaggs Institute for Chemical Biology, The Scripps La Jolla
11. **Peter G. Schultz**
The Scripps Research Institute, La Jolla
12. **Mitsuhiko Shionoya**
Dept. of Chemistry, University of Tokyo
13. **Hiroshi Sugiyama**
Dept. of Chemistry, Kyoto University
14. **Christopher T. Walsh**
Harvard Medical School, Dept. of Chemistry & Chemical Biology, Harvard University