

CIPSM^M- SCIENTIFIC OKTOBERFEST 2013
19TH – 20TH OF SEPTEMBER 2013

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

PROGRAM

THURSDAY 19TH OF SEPTEMBER 2013

Stem Cell Session (Session chair: THOMAS CARELL)

09:30 – 09:40

THOMAS CARELL (Speaker of CIPSM^M)

Welcome

09:40 – 10:30

GUOLIANG XU (SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES)

“DNA Oxidation towards Pluripotency in Mammalian Development and Cell Reprogramming“

10:30 – 11:20

CHRISTOPHER SCHOFIELD (UNIVERSITY OF OXFORD)

“The Chemistry of Oxygen Sensing in Humans and Other Animals“

11:20 – 12:00

Coffee break in the Foyer

12:00 – 12:50

CHUAN HE (UNIVERSITY OF CHICAGO)

“Reversible DNA and RNA methylation in biological regulation“

12:50 – 13:40

PAUL WENDER (STANFORD UNIVERSITY)

“Toward the Ideal Synthesis and Transformative Therapies”

13:40 – 15:00

Lunch in the Foyer

Metal Organic Session (Session chair: PAUL KNOCHEL)

15:00 – 15:50

STEPHEN L. BUCHWALD (MASSACHUSETTS INSTITUTE OF TECHNOLOGY)

“Palladium- and Copper-catalyzed Transformations for Organic Synthesis“

15:50 – 16:40

GREGORY C. FU (CALIFORNIA INSTITUTE OF TECHNOLOGY)

“Metal-Catalyzed Cross-Couplings of Alkyl Electrophiles“

16:40 – 17:20

Coffee break in the Foyer

(Session chair: DIRK TRAUNER)

17:20 – 18:10

F. DEAN TOSTE (UNIVERSITY OF CALIFORNIA AT BERKELEY)

“Selective Catalysis Mediated by Cations and Anions”

18:10 – 19:00

PAUL KNOCHEL (LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN)

“Functionalized Organometallics in Organic Synthesis”

FRIDAY 20TH OF SEPTEMBER 2013

- Bio-Organic Session* (Session chair: MICHAEL GROLL)
- 09:00 – 09:50 YAMUNA KRISHNAN (NCBS BANGALORE)
“Molecular DNA devices in Living Systems”
- 09:50 – 10:40 JOSÉ LUIS MASCAREÑAS (UNIVERSIDADE DE SANTIAGO)
“Synthetic Probes for DNA Binding and Sensing”
- 10:40 – 11:20 *Coffee break in the Foyer*
- 11:20 – 12:10 HELMA WENNEMERS (ETH ZÜRICH)
“Asymmetric C-C Bond Formations with Bioinspired Catalysts”
- 12:10 – 13:00 ERIC KOOL (STANFORD UNIVERSITY)
“Designer DNA Bases: Probes for Molecules and Mechanisms in Biology”
- 13:00 – 14:20 *Lunch in the Foyer*
- 14:20 – 15:10 MICHAEL GROLL (CIPSM AT TECHNISCHE UNIVERSITÄT MÜNCHEN)
“Current and Future Trends in Proteasome Drug Development”
- 15:10 – 16:00 *Coffee break in the Foyer*
- 16:00 *End of the Fest*