



VII. Nucleinsäurechemie-Treffen

17.-18. September 2015, Humboldt-Universität zu Berlin, Institut für Chemie

Thursday, 17.09.2015

13:45 Welcome

- Session I** Chair: Oliver Seitz
 14:00 – 14:30 Thomas Carell (München)
DNA Bases beyond Watson and Crick
- 14:30 – 15:00 Ulf Diederichsen (Göttingen)
Nucleic acid modifications to control recognition and function
- 15:00 – 15:30 Günter Mayer (Bonn)
A modular approach towards nucleobase-modified aptamers

Coffee break

- Session II** Chair: Andrea Rentmeister
 16:00 – 16:30 Ulrich Hahn (Hamburg)
Charomers for targeted drug delivery
- 16:30 – 17:00 Tim Liedl (München)
Functional DNA based particle assemblies
- 17:00 – 18:00 Poster-Talks
 18:00 – 19:30 Poster Session
 19:30 Dinner /Beer and Barbecue

Homepage:

www.chemie.hu-berlin.de/dng2015

Contact:

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Sponsors:

Friday, 18.09.2015

- Session III** Chair: Christian Ducho
 8:30 – 9:00 Ronald Micura (Innsbruck)
On Riboswitches and Ribozymes
- 9:00 – 9:30 Andreas Marx (Konstanz)
Chemical Biology of DNA Replication
- 9:30 – 10:00 Sabine Müller (Greifswald)
RNA-directed RNA circularization, oligomerization and recombination
- 10:00 – 10:30 Thorsten Stafforst (Tübingen)
Engineering RNA-dependent Enzymes for Cellular Applications

Coffee break

- Session IV** Chair: Christoph Arenz
 11:00 – 11:30 Nikolaus Ernting (Berlin)
How to access the dynamics of DNA on a sub-picosecond timescale? – Structure and design of built-in polarity probes
- 11:30 – 12:00 Nikolaus Rajewsky (Berlin)
Regulatory RNAs
- 12:00 – 12:30 Daniel Summerer (Konstanz)
Programmable Affinity Probes for the Conversion-Free Quantification of Genomic 5-Methylcytosine at User-Defined Nucleotide Positions

Location:

Walter-Nernst-Haus (LCP), Lecture Hall O'06
 Newtonstraße 14, 12489 Berlin-Adlershof

