

Programm zum 2. Nucleinsäurechemie-Treffen
am 22. September 2006, Georg-August Universität Göttingen
Institut für Organische und Biomolekulare Chemie, Tammannstr. 2, Hörsaal 3 (MN 29)

9.00 Uhr	Begrüßung
<i>Session Chair:</i>	<i>Fritz Eckstein</i>
9.05 Uhr	Joachim Engels, Frankfurt EPR-Ruler für RNA
9.35 Uhr	Jennifer Tuma, MPI Göttingen NMR and structures of DNA/PNA with fluorescent dyes
9.55 Uhr	Andriy Mokhir, Heidelberg Autocatalytic reactions for analysis of nucleic acid
<i>Session Chair:</i>	<i>Oliver Seitz</i>
10.40 Uhr	Sabine Müller, Greifswald Modulation of RNA function by structural design
11.10 Uhr	Chris Meier, Hamburg DNA damaged by monocyclic aromatic amines - Synthesis of different adducts and building blocks for the site-selective incorporation into oligonucleotides
11.40 Uhr	Elmar Weinhold, Aachen S-Adenosyl-L-methionine analogues for internal labelling of micrometer-sized DNA with nanometer precision using DNA methyltransferases
12.10 Uhr	<i>12.15 – 14.15 Uhr Mittagspause und Postersession</i>
<i>Session Chair:</i>	<i>Frank Seela</i>
14.15 Uhr	Reinhard Lührmann, MPI Göttingen Dynamics of RNA-RNA and RNA-protein interactions in the spliceosome
14.45 Uhr	Roland Hartmann, Marburg Studies on catalytic mechanism of the large ribozyme RNase P
15.05 Uhr	Christoph Arenz, Berlin Ein homogener Assay der microRNA Reifung
<i>Session Chair:</i>	<i>Michael Göbel</i>
16.00 Uhr	Clemens Richert, Karlsruhe Chemical Primer Extension
16.30 Uhr	Andres Jäschke, Heidelberg Rational design of RNA molecular switches
<i>Session Chair:</i>	<i>Achim Wagenknecht</i>
17.00 Uhr	Kurzvorstellung der Poster
18.00 Uhr	Postersession