



**Official Opening of the NMR Facility
and Symposium
NMR & Drug Design**



Thursday, June 28, 2001

University of Hamburg

Department of Chemistry

Lecture Hall B

Opening of the NMR facility:

- 9.00 Eröffnung
- 9.05 Staatsrätin, Behörde für Wissenschaft und Forschung,
Prof. Dr. M. Dürkop
- 9.20 Präsident der Universität Hamburg,
Dr. Dr. h.c. J. Lüthje
- 9.30 Rektor der Medizinischen Universität zu Lübeck,
Prof. Dr. H. Arnold
- 9.40 Dekan Fachbereich Chemie, Universität Hamburg,
Prof. Dr. J. Heck
- 9.50 **Bernd Meyer** und **Thomas Peters**
NMR Spektroskopie in den Life Sciences
- 10.15 Tour durch den Neubau mit Besichtigung des Geräts
- 11.30 *Mittagspause*

Begin of the symposium:

- Horst Kessler**, Technical University, Munich
- 14.00 Application of NMR to Drug Design: Protein Structure, Dynamics
and Evolution
- 14.50 **Jonathan Moore**, Vertex Pharmaceuticals, Cambridge
Applications of NMR SHAPES Screening in Drug Discovery
- 15.40 *Coffee break*
- Ichio Shimada**, University of Tokyo
- 16.10 Novel Applications of Deuterium Labeling for Protein NMR
Studies
- 17.15 **Kurt Wüthrich**, ETH Zürich
NMR, Structural Biology and "Mad Cow Disease"
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- 9.00 **Christian Griesinger**, MPI Göttingen
NMR Structure Determination of Biomolecules and Their Complexes
- 9.50 **Anne Ulrich**, Institute for Molecular Biology, Jena
Towards a Functional Model of Antimicrobial Peptides in Membranes by
Solid State NMR
- 10.40 *Coffee break*
- 11.10 **Hugo Kubinyi**, BASF, Ludwigshafen
Chemical Similarity and Biological Activity
- 12.00 *Lunch break*
- 14.00 **Andrew Davis**, Astra Charnwood, Loughborough
Structure-based Drug Design - The Facts and the Fantasy
- 14.50 **Steven Homans**, University of Leeds
Structure, Dynamics, and Interactions of Macromolecules in the Weakly
Aligned State
- 15.40 *Coffee break*
- 16.10 **Heinz Rüterjans**, University of Frankfurt
Selectivity of Ligand Binding to Proteins
- 17.00 *End of Symposium*
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