



New England Structure Symposium (NESS)

NMR Perspectives on Biological Problems

University of Connecticut

Saturday, October 2, 2004

<http://www.sb.uconn.edu/NESS>

We are delighted to announce the inaugural New England Structure Symposium (NESS). This annual symposium series will provide students, postdoctoral fellows, and established investigators a venue to share expertise on new methodologies and developments in structural biology.

Session I:

Membrane and Solid State NMR (Jeff Hoch, Chair)

Anthony Watts, Oxford University
Peering into the site of action of drugs in membrane targets

Philip Yeagle, University of Connecticut
NMR and the structural biology of membrane proteins

Spiro Pavlopoulos, University of Connecticut
NMR in the study of cannabinoids

Ann McDermott, Columbia University
Structural studies by solid state NMR: Towards the structure of light harvesting I and other membrane systems

Dale Mierke, Brown University
NMR studies of transmembrane receptor-protein interactions

Registration Information:

Advance (by September 10):
\$10 student; \$20 faculty
Register at the door: add \$5

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Session II:

Solution NMR (Stephen King, Chair)

Andrei Alexandrescu, University of Connecticut
Gazing at the initial states of protein folding with NMR

Patrick Loria, Yale University
Enzyme flexibility: Biophysical and biochemical characterization of protein motions

Irina Russu, Wesleyan University
Structural energetics of nucleic acids

Brian Stockman, Pfizer
Competition-based NMR binding assays

Glenn King, University of Connecticut Health Center
Phosphoinositide regulation of the cofilin-actin interaction: Insights from NMR

James Prestegard, University of Georgia
Carbohydrate-protein complexes: New challenges for NMR

Organizers:

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