



Structural Biology & Functional Genomics Lecture Series

Seminar Announcement

(Department of Biological Sciences & Office of Life Sciences, NUS)

Structure and Dynamics of biomolecules deduced by liquid and solid state NMR



Biomolecular NMR spectroscopy has expanded dramatically in recent years and is now a powerful tool for the study of structure, dynamics, and interactions of biomolecules. Previous limitations with respect to molecular size are no longer a primary barrier. A number of recently developed techniques show promise as aids in structure-based drug design, for example, in the rapid determination of global protein folds, the structural characterization of ligand-protein complexes, and the derivation of thermodynamic parameters. Dr. Griesinger will illustrate how NMR techniques are applied to the study of biomolecular structure and dynamics.

Christian Griesinger

Director, Max Planck Institute for Biophysical
Chemistry, Germany

Date: 30 April 2004, Fri
Time: 4 pm
Venue: LT 20
Host: Dr Yang Daiwen

All are welcome