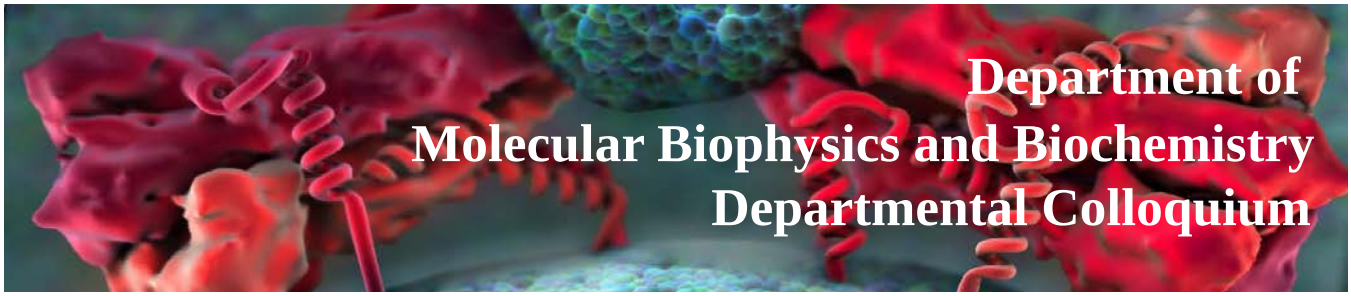
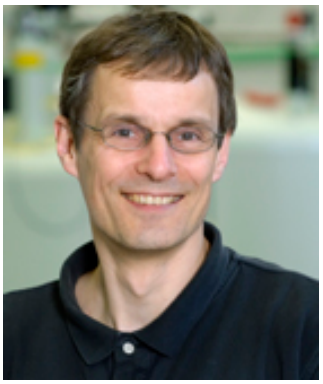


Department of
Molecular Biophysics and Biochemistry
Departmental Colloquium

Christian Griesinger, Ph.D.

NMR-based Structural Biology

Max Planck Institute



NMR spectroscopy to study dynamics and applications in immunology and cellular degeneration and protection

My group does research in the field of NMR spectroscopic methods development as well as applications to signal transduction through membranes (two component system), intrinsically disordered proteins in immunology (SLP65/CIN85)and neuro- and celluar degeneration (type II diabetes (T2DM), Alzheimer's (AD), Parkinson's (PD), Creutzfeld Jakob disease). The seminar will present methods to study the conformational dynamics of proteins with atomic resolution, give insight into the mechanism of B-cell Ca-initiation complex and presents a research line to go from structural biology of IDPs implicated in neuro- and cellular degeneration to protection via a small molecule active in AD, PD, CJD and T2DM.

Monday, March 20, 2017

Hope 110 (Seminar will not be broadcast)

3:45 Tea 4:00 Seminar

Host: Tony Koleske

Supported by the Mrs. Hepsa Ely Silliman Memorial Fund

Contact:shanna.lavacca@yale.edu