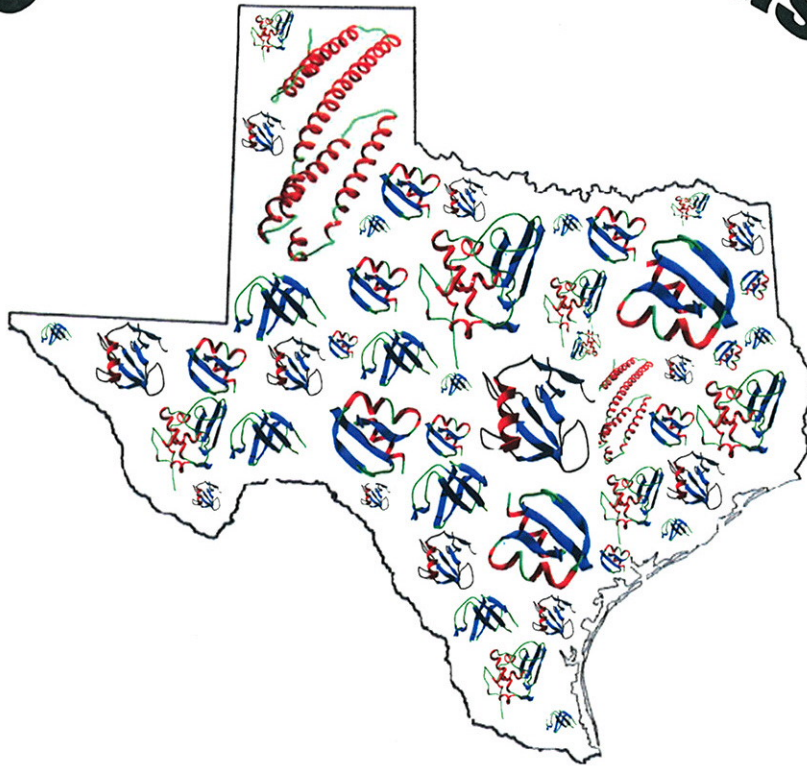


16th Annual Texas



Protein Folders Meeting

Camp Allen, Navasota, TX

March 14 – March 16, 2008

2008 TEXAS PROTEIN FOLDERS MEETING

Program

Friday March 14, 2008

- 4:00 PM Arrival and Registration
- 6:00 PM Dinner
- 7:00 PM **Introduction**
- 7:10 PM **Kevin Gardner** (UT Southwestern Medical Center) "Environmentally-controlled protein/protein interactions: A common way to build a biological switch"
- 7:50 PM **Steven T. Whitten** (University of Texas Medical Branch-Galveston) "Peptide ligands that target the cooperative network in the prion protein stimulate PrP^{Sc} formation"
- 8:30 PM **Sergey Tetin** (Abbott Laboratories) "Molecular recognition of Brain Natriuretic Peptide (BNP) by diagnostic antibodies"
- 9:10 PM Social and Discussion

Saturday April 15, 2008

- 8:00 AM Breakfast
- 9:00 AM **Introduction**
- 9:10 AM **Ineke Braakman** (Universiteit Utrecht) "Folding of the LDL receptor and its individual domains: the whole is better than the parts"
- 9:50 AM **Peter Vekilov** (University of Houston) "Sickle cell hemoglobin polymerization: the primary pathogenic event of sickle cell anemia"
- 10:30 AM Coffee Break
- 10:40 AM **Margaret S. Cheung** (University of Houston) "Simulating protein folding dynamics in crowded and porous media"
- 11:20 AM **Laura Sagle** (Texas A&M University) "Urea Denaturation Revisited: Support for the Indirect Mechanism of Denaturation"

2008 TEXAS PROTEIN FOLDERS MEETING

- 12:00 n Lunch
- 3:00 PM Posters and Social
- 6:00 PM Dinner
- 7:00 PM **Introduction**
- 7:10 PM **Monte Pettitt** (University of Houston) "Investigation of Osmolyte Mechanism *in silico*"
- 7:50 PM **Keynote Speaker: Dan Raleigh**, (SUNY-Stonybrook) "Role of the Unfolded State in Protein Folding"
- 8:30 PM Social and Discussion

Sunday March 16, 2008

- 8:00 AM Breakfast
- 9:00 AM **Introduction**
- 9:10 AM **Junji Iwahara** (University of Texas Medical Branch-Galveston) "Lysine Side-Chain Amine Groups: Exposed and Buried"
- 9:50 AM **Nick Pace** (Texas A&M University) "Tryptophan fluorescence reveals the presence of long-range interactions in the denatured state of ribonuclease Sa"
- 10:30 AM Coffee Break
- 10:40 AM **Peter Q. Nguyen** (Rice University) Thermostability promotes the cooperative function of split adenylate kinases.
- 11:20 AM **Andrey L. Karamyshev** (UT Southwestern Medical Center) "CFTR Interactions in the Process of its Biogenesis"
- 12:00 n Lunch and Departure