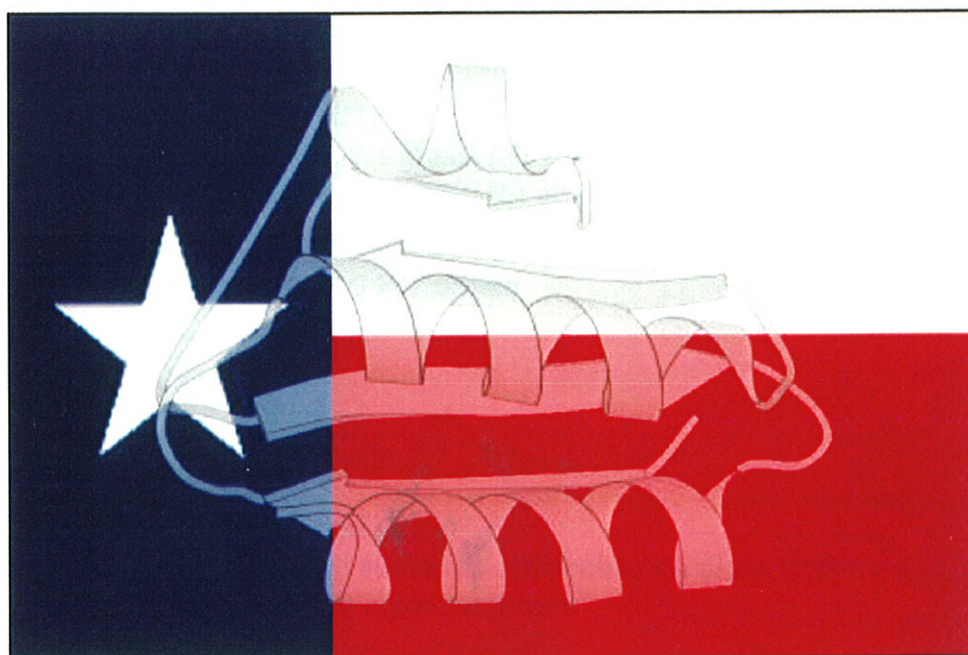


Seventh Annual Texas Protein Folders Meeting



Camp Allen March 12-14, 1999

Seventh Annual Texas Protein Folders Meeting

Schedule of Events

Friday, March 12, 1999

5:00 - 7:00 PM Check-in and refreshments

7:00 PM **DINNER**

Session 1

Chair: Nick Pace

- 8:00 PM Steve Lockless (UTSW)
"Evolutionarily conserved pathways of energetic connectivity in protein families"
- 8:25 Beatrice Huyghues-Despointes (Texas A&M)
"HD-exchange rate constants yield the conformational stabilities of ribonuclease T₁ and other proteins"
- 8:50 Kevin Gardner (UTSW)
"Determining the global folds of proteins over 40 KDa with multidimensional NMR: the utility of highly deuterated, methyl-protonated proteins"
- 9:30 **Refreshments and Discussion**

Saturday, March 13, 1999

Session 2

Chair: Boyd Hardesy

- 9:00 AM Liskin Swint-Kruse (Rice)
"Twenty point mutations compensate the dimerization deficiency of the Y282D lactose repressor protein"
- 9:25 Alejandro Heuck (Texas A&M)
"Bacterial toxins as a model for membrane protein folding: Identification of an α -helical to β -sheet transition during the insertion of perfringolysin O into a membrane using fluorescence spectroscopy"
- 9:50 Alexey Gribenko (Texas Tech)
"Oligomerization and divalent cation binding properties of the S100P protein: a Ca²⁺/Mg²⁺ switch model"
- 10:15 **Break**
- 10:40 Gil Gilbert (Baylor COM)
"Mechanism of protein disulfide isomerase"
- 11:20 Matthew Junker (UT-Dallas)
"Role of protein-protein and protein-DNA interactions in regulating the binding of HAP1 to DNA"

12:00 **LUNCH**
1:00 - 3:00 PM **Free Time**
3:00 - 6:00 **Posters and Refreshments**
6:00 **DINNER**

Session 3

Chair: Arthur Johnson

8:00 PM Mischa Machius (UTSW)
 "Unusual routes to hyperthermostability in *Bacillus licheniformis* α -amylase"
8:30 **Keynote Address:** Brian Matthews (University of Oregon)
 "Have we learned a lot from a liter of lysozymes?"
9:30 **Refreshments and Discussion**

Sunday, March 14, 1999

Session 4

Chair: Barry Nall

9:00 AM Alexander Pertsemlidis (UTSW)
 "Landscapes, funnels, and hydrophobic traps"
9:25 Hong Zhou (UT-Houston)
 "8 Å structure of herpes virus capsid"
9:50 Jennifer Kimmel (Texas A&M)
 "Analyzing allosteric interactions with mixed hybrids of *Bacillus stearothermophilus* phosphofructokinase"
10:15 **Break**
10:40 Faizan Ahmad (Jamia Millia Islamia/UTMB)
 "Osmolyte compatibility with Gibbs energy of stabilization of the protein"
11:25 Mike Pierce (UTSA)
 "Kinetic trapping and pH dependent effects in the folding of cytochrome *c*"
11:50 **LUNCH** and Departure

*The Seventh Annual Texas Protein Folders Meeting was organized by
Jim Hu and Marty Scholtz, Texas A&M University*

<http://pauling.tamu.edu/texfolders>