

2013 TEXAS PROTEIN FOLDERS MEETING

— Program —

Friday March 22, 2013

4:00 PM Arrival and Registration

6:00 PM Dinner

7:00 PM **Introduction**

7:10 PM Speaker 1: **Olivier Lichtarge** (Baylor College of Medicine) “**Sorting Variation Outcomes: A Perturbative View of the Genotype-Phenotype Relationship**”

7:45 PM Speaker 2: **Luke Rice** (UT Southwestern Medical Center) “**Conformation-based mechanisms in a microtubule polymerase**”

8:20 PM Keynote speaker: **Vijay Pande** (Stanford University) “**Some Surprises in the Biophysics of Folding Dynamics**”

9:10 PM Social and Discussion

Saturday March 23, 2013

8:00 AM Breakfast

9:00 AM **Introduction**

9:10 AM Speaker 3: **Kevin Morano** (UT Health Science Center at Houston) “**The yeast Hsp70 Ssa1 is a sensor for activation of the heat shock response by thiol-reactive compounds**”

9:45 AM Speaker 4: **Francis Tsai** (Baylor College of Medicine) “**The Hsp70 Molecular Chaperone is a Potent Activator of the Hsp104 Protein Disaggregating Machine**”

10:20 Coffee Break AM

10:30 AM Speaker 5: **Yi Liu** (UT Southwestern Medical Center) “**Less is more, codon usage regulates protein expression, structure and function**”

11:05 AM (**Short talks**)

- Trainee 1: **P.M. Krishna Mohan** (UTMB) “**Structural Analysis of CXCL1 Dimer in complex with Heparin Octasaccharide**”
- Trainee 2: **Shantanu Guha** (Tulane University) “**Toward the characterization of Hsp90 in *Plasmodium falciparum***”
- Trainee 3: **Jeremy Weaver**, (TAMU) “**Enhanced Folding of an Endogenous Substrate Protein by GroEL**”
- Trainee 4: **Qian Cong** (UTSW) “**Web servers for predictive analysis of proteins**”

2013 TEXAS PROTEIN FOLDERS MEETING

12:05 PM Lunch

3:00 PM Posters and Social

6:00 PM Dinner

7:00 PM **Introduction**

7:10 PM – Keynote Speaker: **Keith Dunker** (Indiana University) “**Roles of Disorder in Protein-Protein Interaction Networks**”

8:10 PM Social and Discussion

Sunday March 24, 2013

8:00 AM Breakfast

9:00 AM **Introduction**

9:10 AM Speaker 6: **Andy Kudlicki**, (UT Medical Branch at Galveston) “**The just-in-time expression of yeast ribosomal proteins**”

9:45 AM Speaker 7: **Chongwoo Kim** (UT Health Science Center at San Antonio) “**Controlling hierarchical assembly of an epigenetic complex using unfolded protein regions**”

10:20 AM Coffee Break

10:30 AM Speaker 8: **Kay Choi** (UT Medical Branch at Galveston) “**Structure and function of pestivirus Npro, an interferon regulatory factor 3 antagonist**”

11:05 AM Speaker 9: **Adrian T. Keatinge-Clay** (UT Austin) “**Visualizing and harnessing polyketide assembly lines**”

11:30 AM Speaker 10: **Margaret E. Glasner** (TAMU) “**Loss of Quaternary Structure is Associated with Sequence and Structural Divergence in the OSBS Family**”

12:00 noon Lunch and Departure

2013 TEXAS PROTEIN FOLDERS MEETING

Program Co-Chairs for 2013

José M. Barral – John Richardson

TPF&F Website and Registration

Jim Hu

Organizing Committee for 2013

Jim Hu – Sarah Bondos – José Barral – John Richardson

Special Thanks to the Support Help

Tillie Rausch – Jenny Ponzio – Chantel Plaag

Future Meetings:

May 2-4, 2014

Camp Allen

The cover this year depicts the *Drosophila melanogaster* protein Armadillo.

The latest information about past, present, and future meetings can always be found on our web page (unless our computer gets hacked into again):

<http://txfolders.tamu.edu>