11th Annual Structural Biology Symposium  
Levin Hall – Main Auditorium  
University of Texas Medical Branch  
Galveston, TX

Program

Friday, May 19, 2006

11:00 A.M. - 1:00 P.M.  
Registration (Levin Hall Foyer)  
Poster Mounting

1:00 P.M. - 1:15 P.M.  
Opening Remarks  
Welcome Address  
Introduction to Keynote Speaker

1:15 P.M. - 2:15 P.M.  
Keynote Speaker  
Sir Alan Fersht FRS  
MRC Centre for Protein Engineering  
Cambridge, United Kingdom  
The structure and activity of the tumor suppressor p53

Lecture Abstract L-1

Dr. Vincent Hilser, Chair

2:20 P.M. - 3:00 P.M.  
Dr. Jacqueline K. Barton  
California Institute of Technology  
Pasadena, CA  
DNA Charge Transport Chemistry and Biology

Lecture Abstract L-2

3:05 P.M. - 3:30 P.M.  
Break (Foyer) & Posters
3:30 P.M. - 4:10 P.M.  
**Dr. Andrzej Joachimak**  
Argonne National Laboratory  
Argonne, IL  
*Structural Genomics—Expanding Protein Fold Space and Discovering Function*  
Lecture Abstract L-3

4:15 P.M. - 4:55 P.M.  
**Dr. Claudio Soto**  
University of Texas Medical Branch  
Galveston, TX  
*Protein Misfolding Disorders*  
Lecture Abstract L-4

5:00 P.M. - 7:00 P.M.  
Reception (Dining Room) & Posters

**Saturday, May 20, 2006**

8:30 A.M. – 9:00 A.M.  
Registration (Levin Hall Foyer)  
Dr. Wayne Bolen, Chair

9:00 A.M. - 9:40 A.M.  
**Dr. F. Ulrich Hartl**  
Max-Planck-Institut fur Biochemi  
Martinsried, GERMANY  
*The cellular machinery of protein folding*  
Lecture Abstract L-5

9:45 A.M. -10:25 A.M.  
**Dr. Henry F. Epstein**  
University of Texas Medical Branch  
Galveston, Texas  
*Chaperone Targeting of Myosin Motors*  
Lecture Abstract L-6

10:30 A.M. - 10:50 A.M.  
Break & Posters

10:50 A.M. - 11:30 A.M.  
**Dr. Steven G. Sligar**  
University of Illinois  
Urbana, IL  
*Self-Assembled Nanometer Scale Lipid Bilayers for Elucidating the Structure and Function of Membrane Proteins*  
Lecture Abstract L-7
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| 11:35 A.M. - 12:15 P.M. | **Dr. Frances H. Arnold**  
                           California Institute of Technology  
                           Pasadena, CA  
                           *Structure-Guided Recombination Creates an Artificial Family of Cytochromes P450*  
                           Lecture Abstract L-8 |
| 12:20 P.M. - 1:20 P.M. | **Lunch (Dining Room) & Posters**                                    |
| Dr. Stanley J. Watowich, Chair |
| 1:20 P.M. - 2:00 P.M. | **Dr. Wah Chiu**  
                           Baylor College of Medicine  
                           Houston, TX  
                           *Visualization of Conformationally Dynamic Proteins in a Biological Machine by Electron Cryomicroscopy*  
                           Lecture Abstract L-9 |
| 2:05 P.M. - 2:45 P.M. | **Dr. B.V. Venkataram Prasad**  
                           Baylor College of Medicine  
                           Houston, TX  
                           *Structural insights into rotavirus replication. Facts and fiction*  
                           Lecture Abstract L-10 |
| 2:50 P.M. - 3:05 P.M. | **Break**                                                            |
| 3:05 P.M. - 3:20 P.M. | **Selected from poster later**  
                           Lecture Abstract L-11 |
| 3:20 P.M. - 3:35 P.M. | **Selected from posters later**  
                           Lecture Abstract L-12 |
| 3:35 P.M. - 3:50 P.M. | **Selected from posters later**  
                           Lecture Abstract L-13 |
| 4:00 P.M. - 6:00 P.M. | **Reception (Dining Room) & Posters**                                |
Structural Biology Symposium 2006

SCIENTIFIC PROGRAM

7:00 P.M.  Banquet
Fisherman’s Wharf
Pier 22 Harborside Drive, Galveston, TX
Poster Awards
Concluding Remarks