

MOLECULAR MOTORS DAY AT MARYLAND

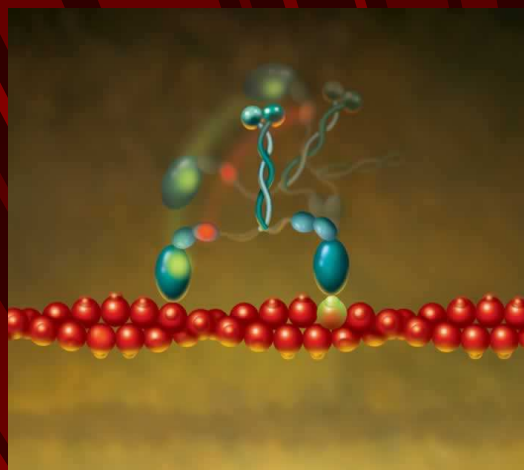
A Symposium of the Biophysics Program:

Director, Professor D. Thirumalai

Monday 19 March 2007, 9 am -5:30 pm

John S. Toll Physics Building, Room 1201

(Free Parking available in Regents Drive Parking Garage)



PROGRAM

- 9:00 am **Welcome:** Prof. Norma M. Allewell, Dean, College of Chemical and Life Sciences.
- 9:05 am **Introductory Remarks**
- 9:10 am **The Actomyosin Interaction during Fatigue of Skeletal Muscle**
Dr. Roger Cooke, Dept. of Biochemistry and Biophysics,
University of California, San Francisco.
- 10:05 am **Coffee Break**
- 10:30 am **Walking with Myosin V: Single molecule studies**
Dr. James R. Sellers, Laboratory of Molecular Cardiology, National Institutes of Health
- 11:25 am **Mechanisms of Myosin Motors: Its all in the timing**
Prof. Enrique M. De La Cruz, Dept. of Molecular Biophysics and Biochemistry,
Yale University
- 12:20 pm **Lunch Break**
- 1:50 pm **Kinesin Motors: Directionality and force generation**
Prof. Sharyn Endow, Duke University Medical Center
- 2:45 pm **Recent Progress on the Kinesin-1 Stepping Mechanism**
Dr. Robert A. Cross, Marie Curie Research Institute and University of Kent at Canterbury
- 3:40 pm **Coffee Break**
- 4:15 pm **Myosin VI** Prof. H. Lee Sweeney, Dept. of Physiology,
University of Pennsylvania School of Medicine
- 5:10 pm **Closing Remarks**

Symposium supported by the Institute for Physical Science and Technology, the Department of Chemistry and Biochemistry, the Department of Physics, the Department of Materials Science and Engineering, and the College of Computer, Mathematical and Physical Sciences, the College of Chemical and Life Sciences, and the A. James Clark School of Engineering.

Organized by Prof. Michael E. Fisher, IPST, (301)405-4819, xpectnil@ipst.umd.edu
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