



# BIOPHYSICS AND COMPUTATIONAL BIOLOGY SUMMER SYMPOSIUM

**DATE TUESDAY, JULY 26TH 2005**

## **PROGRAM**

- 12:00 PM**      **REGISTRATION AND LUNCH**
- 1:00 PM**      **OPENING REMARKS BY PROF. MARTIN GRUEBELE**
- 1:15 PM**      **SEMINAR BY JASON THOMAS**  
TOWARDS THE DEVELOPMENT OF A UNIFYING PARADIGM FOR TARGETING  
RNA: SPECIFICITY THROUGH SECONDARY STRUCTURE-SPECIFIC SMALL  
MOLECULE MODULES
- 1:45 PM**      **SEMINAR BY DR. MARKUS DITTRICH**  
WHEN LIGHT FALLS IN LOV: A COMPUTATIONAL STUDY OF A  
PLANT PHOTORECEPTOR
- 2:15 PM**      **POSTER SESSION AND REFRESHMENTS**  
– **4:00 PM**      **(BECKMAN ATRIUM)**
- 4:00 PM**      **SEMINAR BY ZIGURTS MAJUMDAR**  
VISUALIZING INTERNAL MOVEMENTS OF THE RIBOSOME WITH FRET
- 4:30 PM**      **SEMINAR BY DR. YONG ZHANG**  
ACCURATE PREDICTIONS OF MAGNETIC RESONANCE SPECTROSCOPIC  
OBSERVABLES AND APPLICATIONS TO METALLOPROTEIN ACTIVE-SITE  
STRUCTURE REFINEMENT

**VENUE**    **BECKMAN INSTITUTE ROOM 1005 AND ATRIUM (POSTERS)**

**WHO'S INVITED**    **FACULTY, GRADUATES, UNDERGRADUATES AND VISITING RESEARCHERS WITH INTERESTS IN BIOPHYSICS AND COMPUTATIONAL BIOLOGY (MCB, CDB, ANIMAL BIOLOGY, BIOCHEMISTRY, CHEMISTRY, MICROBIOLOGY, PHYSICS, MIP, ETC)**

**REGISTRATION FEE**    **FREE!**