

## ***Program***

8:30 A.M.      **BREAKFAST**

9:00 A.M.      **WELCOME**

*Steven E. Ealick*, William T. and Betty R. Miller Professor, Cornell University, NE-CAT Director  
*Suma Rajashankar*, Visiting Assistant Professor, College of Engineering and Engineering Technology, Northern Illinois University

9:10 A.M.      **OPENING REMARKS**

*Wayne A. Hendrickson*, University Professor and the Violin Family Professor of Physiology and Cellular Biophysics, Columbia University

9:20 A.M.      **STRUCTURAL INSIGHTS ON CATALYSIS AT THE MEMBRANE-WATER INTERFACE**

*Filippo Mancini*, Associate Professor, Department of Physiology and Cellular Biophysics, Columbia University  
*Introduced by Surajit Banerjee*

### **FIGHTING SUPERBUGS**

*Edward Yu*, Professor, Department of Pharmacology, School of Medicine, Case Western Reserve University  
*Introduced by Kay Perry*

10:20 A.M.      **BREAK**

10:50 A.M.      **FROM CRYSTALLOGRAPHY TO CRYO-EM: APPLICATIONS TO INNATE IMMUNITY**

*Hao Wu*, Asa and Patricia Springer Professor, Department of Biological Chemistry and Molecular Pharmacology, Department of Pediatrics, Harvard Medical School  
*Introduced by Jon Schuermann*

### **10+ YEARS IN THE MAKING: THE 8 Å STRUCTURE OF AN INTRIGUING NUCLEAR PORE COMPLEX SUBSTRUCTURE**

*Thomas U. Schwartz*, Boris Magasanik Professor of Biology, Massachusetts Institute of Technology  
*Introduced by Igor Kourinov*

11:50 A.M.

## LUNCH

*Boxed lunch provided in the Salone (1st floor). Please feel free to eat in Library, Teatro, Terrace or 1st floor*

1:00 P.M.

## STRUCTURAL INSIGHTS INTO THE EVOLUTION OF RNA SPLICING

*Navtej Toor, Associate Professor of Chemistry and Biochemistry, University of California San Diego  
Introduced by David Neau*

## STRUCTURAL INSIGHTS TO THE MECHANISM OF AAA UNFOLDASES

*Christopher P. Hill, H.A. and Edna Benning Endowed Chair, Distinguished Professor and Co-Chair, Department of Biochemistry, University of Utah  
Introduced by Malcolm Capel*

## STRUCTURE-BASED DESIGN OF RIG-I AGONISTS THAT MOBILIZE ANTITUMOR RESPONSES

*Anna Marie Pyle, Sterling Professor of Molecular, Cellular & Developmental Biology, Yale University, Investigator, Howard Hughes Medical Institute  
Introduced by Narayanasami Sukumar*

2:30 P.M.

## BREAK

3:00 P.M.

## HELICASE-DEPENDENT RNA DECAY

*Christopher D. Lima, Alfred P. Sloan Endowed Chair, Member and Chair, Structural Biology Program, Sloan Kettering Institute, Investigator, Howard Hughes Medical Institute  
Introduced by Frank Murphy*

## KINETOCHORE STRUCTURE: FROM X-RAYS TO ELECTRONS TO X-RAYS AGAIN

*Stephen C. Harrison, Giovanni Armenise-Harvard Professor of Basic Medical Sciences, Harvard Medical School, Boston Children's Hospital, Investigator, Howard Hughes Medical Institute  
Introduced by Steve Ealick*

4:00 P.M.

## RECEPTION