

# Cell PRESS LabLinks

## Structural Biology Frontiers: From Membrane to Chromatin

Thursday, May 15, 2014

9:00am–5:30pm

Room 9501, Building 8  
Institute of Biophysics  
Chinese Academy of Sciences  
15 Datun Road, Chaoyang District  
Beijing, 100101, China

2014年5月15日 星期四

9:00–17:30

中国科学院 生物物理研究所 8号楼9501房间  
北京市朝阳区大屯路15号, 100101

### Keynote Speaker

Dinshaw Patel, Memorial Sloan Kettering Cancer Center

### Organizers

Ruiming Xu, Institute of Biophysics, CAS  
Steve Mao, *Cell*  
Xiaohong (Helena) Yang, *Cancer Cell*

This free, one-day meeting, co-sponsored by Cell Press and by the National Laboratory of Biomacromolecules at the Institute of Biophysics, Chinese Academy of Sciences (CAS) will bring together structural biologists and biophysicists from the Greater Beijing Area and beyond. Attendees will be treated to a series of short talks from leaders in the field, and this will be an excellent opportunity for local labs to interact and for the uninitiated to get a broad overview of the field. As such, this meeting will tackle the field's major challenges, including solving the structure of membrane proteins and proteins involved in epigenetic regulation and how this knowledge can be applied toward understanding the cell signaling pathways, development, and host-pathogen interaction.

### Special thanks to our co-sponsor:

The National Laboratory of  
Biomacromolecules at the Institute of  
Biophysics, Chinese Academy of Sciences.



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### Meeting Program

9:00–9:10 Opening Remarks

Steve Mao, *Cell*  
Ruiming Xu, 许瑞明  
Institute of Biophysics, CAS

9:10–9:55 Keynote Address

Dinshaw Patel, Memorial Sloan Kettering Cancer Center  
*Structural Biology of Epigenetic Regulation*

Session 1: Cell Virus Interaction

10:00–10:30 Zihe Rao, 饶子和

Institute of Biophysics, CAS  
*Molecular Mechanism of SCARB2-Mediated  
Attachment and Uncoating of EV71*

10:30–11:00 George Gao, 高福

Institute of Microbiology, CAS  
*Avian Flu Host Jump: The Structural Determinants*

11:00–11:30 Coffee Break

Session 2: Signaling Specificity

11:30–12:00 Chun Tang, 唐淳

Wuhan Institute of Physics and Mathematics,  
CAS & HHMI  
*The Conformational Space of Lys63-linked Diubiquitin  
Enables Specific Target Recognition*

12:00–12:30 Jijie Chai, 柴继杰

School of Life Sciences, Tsinghua University  
*Autoinhibition Mechanism of a NOD-like Receptor*

12:30–1:30 Lunch (provided for registered participants)

Session 3: Membrane Transporter

1:30–2:00 Nieng Yan, 颜宁

Tsinghua Medical School & HHMI  
*Structural and Mechanistic Understanding of the  
MFS Sugar Transporters*

Session 4: Protein Recognition of Nucleic Acids

2:00–2:30 Xiaodong Su, 苏晓东

Biodynamics Optical Imaging Center, Peking University  
*Probing Protein - DNA Interaction by Single Molecule  
Methods and Structural Analysis*

2:30–3:00 Ming Lei, 雷鸣

Baylor College of Medicine  
Shanghai Institute of Biochemistry and Cell Biology, CAS  
*Structural Basis for Protein-RNA Recognition in  
Telomerase*

3:00–3:30 Coffee Break

3:30–4:00 Yanhui Xu, 徐彦辉

Institutes of Biomedical Sciences, Fudan University  
*Molecular Basis for the Regulation of DNA Methylation*

4:00–4:30 Keqiong Ye, 叶克穷

National Institute of Biological Sciences, Beijing  
*Recognition of X Chromosome DNA during Drosophila  
Dosage Compensation*

4:30–5:15 Closing Address: Ruiming Xu, 许瑞明

Institute of Biophysics, CAS

5:15–5:20 Closing Remarks

Xiaohong (Helena) Yang *Cancer Cell*