

# 2018 KUO K.H. Symposium on 3D Cryo-EM of Molecules and Cells

Zhejiang University, Hangzhou, Zhejiang, China

(August 26- 29, 2018)

Organized by:

**Xing Zhang**, Zhejiang University School of Medicine, China

**Haixin Sui**, State University of New York at Albany, USA

**Jun Liu**, Yale University, USA

The 2018 KUO K.H. Symposium on 3D Cryo-EM of Molecules and Cells will be held in Zhejiang University, Hangzhou, Zhejiang, China. The symposium will begin at 7:00 pm on Sunday, August 26, 2018, and will close on the evening of Wednesday, August 29, 2018.

The symposium will include eight sessions and one poster session covering the latest findings across many topics in 3D Cryo-EM of Molecules and Cells.

---

## Day 1 Sunday, August 26, 2018

---

4:00 pm – 7:00 pm Registration

4:00 pm – 7:00 pm Arrival and Check-in for the Symposium

5:30 pm – 7:00 pm Dinner

7:00 pm – 9:00 pm **Keynote Lectures: Frontiers in Cryo-EM**

7:00 pm – 7:45 pm **Joachim Frank** (Columbia University, USA)

7:45 pm – 8:00 pm Break for 10 minutes

8:00 pm – 8:45 pm **Wolfgang Baumeister** (Max Planck Institute of Biochemistry, Germany)

---

## Day 2 Monday, August 27, 2018

---

7:30 am – 8:30 am Breakfast

9:00 am – 11:45 am **New advances in Cryo-EM technologies**

9:00 am – 9:30 am **ZH Zhou** (UCLA, USA)

9:30 am – 10:00 am **Sengfang Sui** (Tsinghua University, China)

10:00 am – 10:30 am **Yoshinory Fujiyoshi** (Nagoya, Japan)

10:30 am – 11:00 am Coffee Break

11:00 am – 11:30 am **Nin Gao** (Peking University, China)

11:30 am – 12:00 am **Huilin Li** (Van Andel Research Institute, USA)

12:00 pm – 1:30 pm Lunch

1:30 pm – 4:45 pm **High resolution cryo-EM of Macromolecular Assemblies**

1:30 pm – 2:00 pm TBA

2:00 pm – 2:30 pm TBA

2:30 pm – 3:00 pm **Keiji Namba** (Osaka, Japan)

3:00 pm – 3:30 pm Coffee Break (30 minutes)

3:30 pm – 4:00 pm **Yao Cong** (SIBS, China)

4:00 pm – 4:30 pm **Qinfeng Zhang** ( Zhongshan University, China )

4:30 pm –5:00 pm **Qingtao Sheng** ( ShanghaiTech University, China )

5:00 pm –5:30 pm **Xing Zhang** ( Zhejiang University, China )

5:45 pm – 7:00 pm Dinner

7:00 pm – 9:00 pm **Cryo-EM Sample handling**

7:00 pm –7:20 pm **Robert Glaeser** (UC-Berkeley, USA)

7:20 pm –7:40 pm **YiFan Cheng** (UCSF, USA)

7:40 pm –8:00 pm **HongWei Wang** (Tsinghua University, China)

8:00 pm –8:20 pm **Elizabeth Villa** (UCSD, USA)

8:00 pm –8:20 pm **Ping Zhu** (IBP, China)

8:20 pm –8:40 pm **Xukui Yu** (SIMM, China)

8:40 pm –9:00 pm **Xueming Li** (Tsinghua University, China)

~~~~~  
**Day 3 Tuesday, August 28, 2018**  
~~~~~

7:30 am – 8:30 am Breakfast

9:00 am – 12:00 am **Visualizing Cells and molecules in situ**

9:00 am – 9:30 am **Masahide Kikkawa** (Tokyo, Japan)

9:30 am – 10:00 am **TBA**

10:00 am – 10:15 am Coffee Break (15 minutes)

10:15 am – 10:45 am **Sharon Wolf** (Weizmann Institute of Science, Israel)

10:45 am – 11:15 am **Haixin Sui** (SUNY Albany, USA)

11:15 am – 11:45 am TBA

11:45 am – 12:15 am **Jun Liu** (Yale University, USA)

12:15 pm – 1:30 pm Lunch

1:30 pm – 5:30 pm **Scientific Discussion**

5:30 pm – 7:00 pm Dinner

7:00 pm – 9:30 pm **Correlative and Hybrid Methods for structural cell imaging**

7:00 pm – 7:30 pm **GuoQiang Bi** (USTC, China)

7:30 pm – 8:00 pm **PeiJun Zhang** (University of Oxford, UK)

8:00 pm – 8:30 pm **Tao Xu** (IBP, China)

8:30 pm – 9:00 pm **Fei Sun** (IBP, China)

~~~~~  
**Day 4 Wednesday, August 29, 2018**  
~~~~~

7:30 am – 8:30 am Breakfast

9:00 am – 12:15 pm **Advances in Cryo-EM image analysis**

9:00 am – 9:30 am **Niko Grigorieff** (Janelia Farm, HHMI, USA)

9:30 am – 10:00 am TBA

10:00 am – 10:30 am **Steven Ludtke** (Baylor College of Medicine, USA)  
“Eman 2. Deep learning particle selection”

10:30 am – 10:45 am Coffee Break ( 15 minutes )

10:45 am –11:15 am	TBA
11:15 am –11:45am	<b>Maojun Yang</b> (Tsinghua University, China)
11:45 am –12:15 pm	TBA
12:15 pm –1:30 pm	Lunch
1:30 pm –3:00 pm	Company talks
3:00 pm –3:15 pm	Break (15 minutes)
3:15 pm – 5:00 pm	<b>Selected Abstract and Poster</b>
5:20 pm – 5:30 pm	(Break 10 minutes)
5:30 pm – 6:10 pm	<b>Closing Keynote Address</b> <b>Wah Chiu</b> (Baylor College of Medicine, USA)
6:30 pm – 9:00pm	Banquet and Travel Awards

~~~~~  
**Day 5 Thursday, August 30, 2018 : Departure**  
~~~~~