



COLD SPRING HARBOR ASIA



High Throughput Biology- Genomics & Epigenomics

Suzhou, China October 15-19, 2012

Organizers:

Edward Rubin, Lawrence Berkeley National Laboratory and DOE Joint Genome Institute

Bing Ren, Ludwig Institute for Cancer Research and UCSD

Tian Xu, Yale University and Fudan University

The conference "High Throughput Biology - Genomics and Epigenomics" aims to capture the rapid developments in recent years in DNA sequencing technologies and imaging techniques that are accelerating the pace of biological discoveries, in particular in the area of genomics and epigenomics. This year's conference, the 2nd in its series, will feature the keynote speaker Lucy Shapiro, a renowned molecular biologist and systems biologist, from Stanford University, and 24 other invited speakers from seven countries working on a diverse set of subjects, including, regulatory genomics, single cell genomics, chromatin architecture, high throughput functional genomics, and systems biology. A large number of oral presentations will be selected from submitted abstracts.

Major Topics:

- Single Molecule Analysis
- High Throughput Functional Genomics
- High Throughput Genome Manipulations
- Large-scale Genomic and Proteomic Analysis
- Proteomics and Metabonomics
- High Throughput Analysis of Cell Differentiation and Pluripotency
- Emerging concepts and technologies
- Computational and Systems Biology Approaches

Registration remains open until October 15, 2012

Rates vary for corporate/industry, academic (PhD, MD, staff scientists) and student (up to PhD) attendees. Endowed student package costs as low as USD250/CNY1530 before August 3, 2012.

Abstracts due August 17, 2012

We encourage abstracts to contain new and unpublished materials. Selection results for short talks (10-20) and poster presentations will be made by the organizers on the basis of scientific merit and relevance.

Keynote Speaker:

Lucy Shapiro, Stanford University, USA

Invited Speakers:

Brenda Andrews, University of Toronto, Canada

Jan Carette, Stanford University, USA

Piero Carninci, RIKEN, Japan

Job Dekker, University of Massachusetts Medical School, USA

Rong Fan, Yale University, USA

Xiang-Dong Fu, University of California, San Diego, USA

Melissa Fullwood, A*STAR-Duke-NUS, Singapore

Yong Hou, Beijing Genome Institute Shenzhen, China

Jiandong Huang, The University of Hong Kong, China

Jihyun Kim, Korea Research Institute of Bioscience and Biotechnology, Korea

Ren Lai, Kunming Institute of Zoology, CAS, China

Jin Billy Li, Stanford University School of Medicine, USA

Jinsong Li, Institute of Biochemistry and Cell Biology, SIBS, CAS, China

Jason Lieb, University of North Carolina, USA

Harley McAdams, Stanford University School of Medicine, USA

John Stamatoyannopoulos, University of Washington, Seattle, USA

Jussi Taipale, Karolinska Institute, Sweden

Fuchou Tang, Peking University, China

Marian Walhout, UMass Medical School, USA

Kevin White, The University of Chicago, USA

Chung-I Wu, University of Chicago/Beijing Institute of Genomics, USA

Kun Zhang, University of California, San Diego, USA

Ming-Ming Zhou, Mount Sinai School of Medicine, USA

Heng Zhu, John Hopkins University, USA

