



COLD SPRING HARBOR ASIA

QUANTITATIVE BIOLOGY: FROM GENES, CELLS TO NETWORKS

SUZHOU, CHINA
OCTOBER 13-17, 2014

MAJOR TOPICS

- Single cell dynamics and cellular decision-making
- Molecular & cellular network modeling
- Quantitative omics
- Quantitative approach to development, differentiation and disease
- Molecular evolution & population dynamics
- New computational and bioinformatics advances
- Synthetic, chemical & imaging technology advances
- Quantitative neuronal and brain science



Cold Spring Harbor Asia (CSHA) is the Asia-Pacific subsidiary of New York based Cold Spring Harbor Laboratory (CSHL). Inaugurated in 2010, CSHA is dedicated to promote international scientific exchange in the Asia-Pacific Rim by offering scientific conferences and advanced training courses with highest quality.



INVITED SPEAKERS

- William Bialek**, Princeton University, USA
Johan Elf, Uppsala University, SWEDEN
Thierry Emonet, Yale University, USA
Kerwyn Casey Huang, Stanford University, USA
Daniel Fisher, Stanford University, USA
Chinlin Guo, Institute of Physics, Academia Sinica, TAIWAN
Kerwyn Casey Huang, Stanford University, USA
Jing-dong Jackie Han, Partner Institute for Computational Biology, CHINA
Jiandong Huang, University of Hong Kong, CHINA
Terence Hwa, University of California San Diego, USA
Luhua Lai, Peking University, CHINA
Hao Li, University of California, San Francisco, USA
Andrew Oates, MRC National Institute for Medical Research, UK
Jose Onuchic, Rice University, USA
Qi Ouyang, Peking University, CHINA
Hualin Shi, Chinese Academy of Sciences, CHINA
Boris Shraiman, University of California, Santa Barbara, USA
Gary Stormo, Washington University Medical School, USA
Sander Tans, AMOLF Institute, The NETHERLANDS
Chao Tang, Peking University, CHINA
Yuhai Tu, IBM T. J. Watson Research Center, USA
Ping Wei, Peking University, CHINA
Yilin Wu, The Chinese University of Hong Kong, CHINA
Lingchong You, Duke University, USA
Michael Q. Zhang, University of Texas at Dallas, USA/ Tsinghua University, CHINA

ORGANIZERS

- Terence Hwa**, University of California, San Diego, USA
Chao Tang, Peking University, CHINA
Michael Q. Zhang, University of Texas at Dallas, USA / Tsinghua University, CHINA



ABSTRACT DEADLINE EXTENDED TO AUGUST 24, 2014

Abstracts with new and unpublished data are encouraged. Selection for short talks (10-20) and poster presentations will be made by the organizing committee on the basis of scientific merit and relevance.

FELLOWSHIPS

Again as a tradition of CSHL, we are eager to support as many junior scientists as possible. Certain number of presentations by graduate students or postdocs in this conference will be evaluated for fellowship awards (\$100-\$500).





COLD SPRING HARBOR ASIA

BONE AND CARTILAGE: FROM DEVELOPMENT TO HUMAN DISEASES

SUZHOU, CHINA
November 3-7, 2014

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MAJOR TOPICS

- Embryonic Development of Skeletal Tissues
- Homeostasis in Bone Remodeling : Osteoporosis & Osteopetrosis
- Crosstalk between Bone and Other Organs : Osteoimmunology & Bone Metastasis
- Skeletal Malformity and Osteoarthritis
- Inflammation and Bone Metabolism : Rheumatoid Arthritis & Bone Cancer
- Imaging and Biomarkers for Skeletal Cells and Diseases
- Skeletal Stem Cells and Tissue Engineering

ORGANIZERS

Christine Hartmann, University of Muenster, GERMANY
Dae-Won Kim, Yonsei University, SOUTH KOREA
Sakae Tanaka, University of Tokyo, JAPAN
Yingzi Yang, NIH, USA

KEYNOTE SPEAKERS

Roland Baron, Harvard University School of Dental Medicine, USA
Jang-Soo Chun, Gwangju Institute of Science & Technology, SOUTH KOREA
Toshio Matsumoto, University of Tokushima, JAPAN



INVITED SPEAKERS

Frank Beier, University of Western Ontario, CANADA
Jan de Boer, University of Twente, THE NETHERLANDS
Jian Q. (Jerry) Feng, Texas A&M Baylor College of Dentistry, USA
Joji Fujisaki, Columbia University Medical Center, USA
Theresa Guise, Indiana University, USA
Christine Hartmann, University of Muenster, GERMANY
Kazuto Hoshi, University of Tokyo, JAPAN
Masaru Ishii, Osaka University, JAPAN
Hong-Hee Kim, Seoul Nation University, SOUTH KOREA
Dae-Won Kim, Yonsei University, SOUTH KOREA
Henry Kronenberg, Massachusetts General Hospital, USA
Takeshi Miyamoto, Keio University, JAPAN
Bjorn Olsen, Harvard School of Dental Medicine, USA
Hongwei Ouyang, Zhejiang University, School of Medicine, CHINA
Thomas Pap, University Muenster, GERMANY
Marie-Hélène Lafage Proust, Laboratoire de Biologie du Tissu Osseux, INSERM U 1059, FRANCE
Natalie Sims, ST Vincent's Institute, AUSTRALIA
Hiroshi Takayanagi, University of Tokyo, JAPAN
Sakae Tanaka, University of Tokyo, JAPAN
Ian Wicks, Walter & Eliza Hall Institute of Medical Research, AUSTRALIA
Yingzi Yang, National Institutes of Health, USA

ABSTRACT DEADLINE EXTENDED TO SEPTEMBER 24, 2014

Abstracts with new and unpublished data are encouraged. Selection for short talks (25-30) from submitted abstracts will be made by the organizing committee on the basis of scientific merit and relevance.

FELLOWSHIPS

Again as a tradition of CSHL, we are eager to support as many junior scientists as possible. Certain number of presentations by graduate students or postdocs in this conference will be evaluated for fellowship awards (\$100-\$500).

