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Val Paskalev, Assistant to the Executive Director
Mary Smith, Assistant Manager
Marina Shitada, Finance Coordinator
Katrina Cobal, Programmer

Credits
Mayyan Chi, Chief Designer
Xi Shen, Editor
Bifeng Li, Art Designer

Cold Spring Harbor Asia
No. 294 Qiyue Road
Suhong Industrial Park, Jiangsu
China 215129
Phone: +86 512 6272 9229
Fax: +86 512 6272 9238
Email: meeting@csb-asia.org
Website: http://www.csb-asia.org

2013 Cold Spring Harbor Asia
CONFERENCE AND COURSE PROGRAM
冷泉港亞洲 | 2013 年度報告

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OUR SINCERE APPRECIATION TO

SUZHOU INDUSTRIAL PARK ADMINISTRATIVE COMMITTEE

蘇州工業園區管委會
Cold Spring Harbor meetings are famous for the large number of short talks selected from the openly submitted abstracts, many given by first-time presenters. The opportunity to learn the latest unpublished work is as much part of the rationale in attending our meetings as is the chance to mix with leading experts. And whether you are offered the opportunity of a keynote talk, a ten minute short talk or a poster, many of the same rules apply to preparing your material. Plan your presentation with care, out of respect for those to whom you will be telling your story. All the more reason to do this, since CSHA audiences are international, with many having travelled a very long way to hear you. Here are a number of points to consider:

Firstly, know your audience. This should inform the extent of introductory material needed and should dictate how much jargon you can use (the less the better!). A broader audience may need at most one introductory slide or figure, before you go into the details of your presentation. Large amounts of data on slides that you have no time to cover is confusing, and detracts from your narrative.

Design your slides or poster to be legible and clear by the entire audience, not just the big shots in the front row, without excess use of transitions or animations, except when these help in conveying a scientific point. Only include data or concepts that you are going to have time to address in your presentation. Large amounts of data on slides that you have no time to cover is confusing, and detracts from your narrative.

Acknowledging the work of others as you go along. Many of your colleagues and collaborators may be in the audience, and they will not appreciate having their contributions unrecognized. You colleagues and collaborators may be in the audience, and they will not appreciate having their contributions unrecognized. You

Don’t overwhelm your audience with too much content. However much work you and your labmates may have done, think carefully about how much material you can present in the allotted time. Make sure you leave enough time for your novel and unpublished work to be showcased, since what you are looking for is feedback and comment on work you plan to publish, not what is already in the public domain.

In summary, my general advice to would-be presenters is that a clear grasp of the logical flow of your material, all best leveraged with a little humor.

CSHA CEO’S REPORT
冷泉港亞洲首席執行官報告

Deeply ingrained into Cold Spring Harbor Laboratory's mission is that our CSHA program, while headquartered in Suzhou, should reach out as broadly as possible to benefit life scientists throughout the entire Asia-Pacific region. Excitingly, 2013 marked the first extension of activities outside China. In collaboration with the Japanese Biochemistry Society (JBS) we hosted an independent session at JBS’s 86th annual meeting in Yokohama. This CSHA session in Japan addressed the latest developments in epigenetics, involved an outstanding cast of international scientists from Singapore, Korea, USA, China and Japan, and embodied the same scientific spirit and open discussion as our meetings in Suzhou and Cold Spring Harbor.

Indeed 2013 was a remarkable year for Cold Spring Harbor Asia.
MECHANISMS AND FUNCTIONS OF NON-APOPTOTIC CELL DEATH
非凋亡性细胞死亡的机制和功能

April 15-19  148 Participants

ORGANIZED BY
Junying Yuan, Harvard Medical School, USA
Jiahuai Han, Xiamen University, CHINA
Masayuki Miura, University of Tokyo, JAPAN
Peter Vandenabeele, Ghent University, VIB, BELGIUM

PROGRAM
SIGNAL TRANSDUCTION OF NECROPTOSIS I
Jiahuai Han, Xiamen University, CHINA

PATHOLOGICAL ROLES OF NECROPTOSIS
Peter Vandenabeele, Ghent University, VIB, BELGIUM

NON-APOPTOTIC CELL DEATH AND HOST DEFENSE RESPONSE
Francis Chan, University of Massachusetts Medical School, USA

FROM APOPTOSIS TO NON-APOPTOSIS
Adrian T. Ting, Mount Sinai School of Medicine, USA

MULTIPLE TYPES OF NON-APOPTOTIC CELL DEATH
Zheng-Hong Qin, Soochow University School of Pharmaceutical Science, CHINA

NON-APOPTOTIC CELL DEATH IN DIFFERENT ORGANISMS
Masayuki Miura, University of Tokyo, JAPAN

KEYNOTE SPEAKER
Shigekazu Nagata, Kyoto University, Graduate School of Medicine, JAPAN

INVITED SPEAKERS
Avi Ashkenazi, Genentech, Inc., USA
Eric Baehrecke, University of Massachusetts Medical School, USA
Alexei Degterev, Tufts University, USA
Douglas Green, St. Jude Children’s Research Hospital, USA
William Kaiser, Emory University, USA
Sharad Kumar, Centre for Cancer Biology, AUSTRALIA
Masayuki Miura, University of Tokyo, JAPAN
Zheng-Hong Qin, Soochow University School of Pharmaceutical Science, CHINA
Shai Shalham, The Rockefeller University, USA
Yipeng Shi, Tianhu University, CHINA
Shigeomi Shimizu, Tokyo Medical and Dental University, JAPAN
Brent Stockwell, HHMI/ Columbia University, USA
Nektarios Tavernarakis, Foundation for Research and Technology-Hellas, GREECE
Adrian Ting, Mount Sinai School of Medicine, USA
Henning Walczak, Imperial College London, UK
David Wallach, Weizmann Institute of Science, ISRAEL
Xiaodong Wang, National Institute of Biological Sciences, CHINA
Hao Wu, Boston Children’s Hospital, Harvard Medical School, USA
Sandra Zinkel, Vanderbilt University School of Medicine, USA
FRANCIS CRICK SYMPOSIUM ON NEUROSCIENCE: THE CHANGING BRAIN
弗朗西斯·克里克神经科学论坛:不断变化的大脑

May 6 - 10  258 Participants

ORGANIZED BY
Nancy Ip, The Hong Kong University of Science and Technology, CHINA
香港科技大学
Liqun Luo, Stanford University, USA 美国斯坦福大学

PROGRAM
NEW TECHNOLOGY
K. Svoboda, HHMI Janalia Farm Research Campus, Ashburn, Virginia, USA

THE PLASTIC BRAIN
L. Luo, Stanford University, California, USA
N. Ip, The Hong Kong University of Science and Technology, CHINA

THE DYNAMIC BRAIN
Y. Zuo, University of California, Santa Cruz, USA

THE DISEASE BRAIN
N. Ip, The Hong Kong University of Science and Technology, CHINA

THE EVOLVING BRAIN
L. Luo, Stanford University, California, USA

BRAIN CIRCUITS IN ACTION
K. Svoboda, HHMI Janalia Farm Research Campus, Ashburn, Virginia, USA

KEYNOTE SPEAKER
Atsushi Miyawaki, Riken Brain Science Institute, JAPAN 日本理化学研究所脑科学研究

INVITED SPEAKERS
Richard Bentzon, University of Lausanne, SWITZERLAND 瑞士洛桑大学
Guo-Diang Bi, University of Science and Technology of China, CHINA 中国科技大学
Tobias Bonhoeffer, Max-Planck-Institute of Neurobiology, GERMANY 德国马克斯·普朗克科学促进协会
Xiaoke Chen, Stanford University, USA 美国斯坦福大学
Yang Dan, University of California, Berkeley, USA 美国加州大学伯克利分校
Kazuki Doya, Okinawa Institute of Science and Technology, JAPAN 日本冲绳科学技术大学院大学
Hailan Hu, Shanghai Institutes for Biological Sciences, China 上海生命科学院
Yuh-Nung Jan, University of California, San Francisco/ HHMI, USA 美国加州大学洛杉矶分校/美国霍华德休斯医学研究所
Na Ji, Janelia Farm Research Campus/ HHMI, USA 美国霍华德休斯医学研究所
Guo-Qiang Bi, University of Science and Technology of China, CHINA 中国科技大学
Tobias Bonhoeffer, Max-Planck-Institute of Neurobiology, GERMANY 德国马克斯·普朗克科学促进协会
Xiaoke Chen, Stanford University, USA 美国斯坦福大学
Marcia Feller, University of California, Berkeley, USA 美国加州大学伯克利分校
Hitoshi Okamoto, RIKEN Brain Science Institute, JAPAN 日本理化学研究所
Mu-Ming Poo, University of California, Berkeley, USA 美国加州大学伯克利分校
Karen Zito, University of California Davis, USA 美国加州大学戴维斯分校

258 Participants
MEMBRANE PROTEIN STRUCTURE AND FUNCTION
膜蛋白：結構與功能

May 13-17  162 Participants

KEYNOTE SPEAKERS
Reinhard Jahn, Max Planck Institute for Biophysical Chemistry, GERMANY
Tom Rapoport, HHMI/ Harvard Medical School, USA
Yigong Shi, Tsinghua University, CHINA

INVITED SPEAKERS
James Chou, Harvard Medical School, USA
Liang Feng, Stanford University, USA
Carola Hunte, University of Freiburg, GERMANY
Jim Hurley, NIH, USA
Youxing Jiang, HHMI/ The University of Texas Southwestern Medical Center at Dallas, USA
Ronald Kaback, University of California, Los Angeles, USA
Eduardo Perozo, the University of Chicago, USA
Carol Robinson, University of Oxford, UNITED KINGDOM
Hassane Mchaourab, Vanderbilt University, USA
Robert Nakamoto, University of Virginia, USA
Ja Steyaert, Vrije Universiteit Brussel & Vlaams Instituut Biotechnologie, BELGIUM
Carolyn P. Bertozzi, University of California, Berkeley, USA
Michael Wolfe, Harvard Medical School, USA
Chenqi Xu, Chinese Academy of Sciences, CHINA
Nieng Yan, Tsinghua University, CHINA
Ming Zhou, Baylor College of Medicine, USA

ORGANIZED BY
Carola Hunte, University of Freiburg, GERMANY
Brian Kobilka, Stanford University, USA
Robert Nakamoto, University of Virginia, USA
Nieng Yan, Tsinghua University, CHINA

PROGRAM
MEMBRANE RECEPTORS I
C. Hunte, University of Freiburg, Freiburg, GERMANY
MEMBRANE RECEPTORS II
MEMBRANE SHAPING
EMERGING TECHNOLOGIES
MEMBRANE COMPLEXES
CHANNELS AND TRANSMEMBRANE SENSING
MEMBRANE ENZYMES
TRANSPORTERS
METABOLISM, OBESITY AND OBESITY-ASSOCIATED DISEASES
代谢、肥胖及肥胖相关疾病

May 20-24 142 Participants

ORGANIZED BY
Morris J. Birnbaum, University of Pennsylvania, USA
M. Birnbaum, University of Pennsylvania, USA
J. Lin, University of Michigan, Ann Arbor, Michigan, USA
K. Reue, University of California-Los Angeles, Los Angeles, California, USA

PROGRAM
ENERGY HOMEOSTASIS
J. Nedergaard, Stockholm University, Stockholm, SWEDEN
J. Lin, University of Michigan, Ann Arbor, Michigan, USA

LIPOTOXICITY
K. Reue, University of California-Los Angeles, Los Angeles, California, USA
J.B. Kim, Seoul National University, Seoul, KOREA

INSULIN SIGNALING AND INSULIN RESISTANCE
D. James, Garvan Institute of Medical Research, Darlinghurst, AUSTRALIA
M. Birnbaum, University of Pennsylvania, Philadelphia, Pennsylvania, USA

INTRACELLULAR STRESS IN OBESITY AND DIABETES AND INFLAMMATION
H.F. Gu, Karolinska University Hospital, Stockholm, SWEDEN
H. Yang, University of New South Wales, Sydney, AUSTRALIA

ADIPOCYTES, LIPID DROPLETS AND LIPOLYSIS
P. Li, Tsinghua University, Beijing, CHINA
G.-S. Feng, University of California-San Diego, La Jolla, California, USA

CHOLESTEROL, HEART AND ATHEROSCLEROSIS
F. MacKirdy, Weill Cornell Medical College, New York, New York, USA
R. DeBose-Boyd, HHMI/UT Southwestern Medical Center, Dallas, Texas, USA

METABOLISM, NEUROLOGICAL DISORDERS AND OTHERS
C. Wellington, University of British Columbia, Vancouver, CANADA
I. Goldberg, Columbia University, New York, New York, USA

KEYNOTE SPEAKERS
Robert V. Farese, University of California, San Francisco, USA
Takashi Kadowaki, University of Tokyo, JAPAN

INVITED SPEAKERS
Morris Birnbaum, University of Pennsylvania, USA
Barbara Cannon, Stockholm University, SWEDEN
T. Y. Chang, Dartmouth Medical School, USA
Takashi Kadowaki, University of Tokyo, JAPAN
T. Y. Chang, University of Tokyo, JAPAN
Russell DeBose-Boyd, UT Southwestern Medical Center, USA
Gen-Sheng Feng, UCSD School of Medicine, USA
Ira Goldberg, Columbia University, USA
Jiandie Lin, University of Michigan, Ann Arbor, Michigan, USA
Jiandie Lin, University of Michigan, Ann Arbor, Michigan, USA
Frederick Maxfield, Weill Cornell Medical College, USA
Jan Nedergaard, Stockholm University, SWEDEN
Norbert Neuf, East Carolina University, USA
Jeffrey Pesin, Albert Einstein College of Medicine, USA
Karen Reue, University of California-Los Angeles, Los Angeles, California, USA
Kei Sakamoto, Nestlé Institute of Health Sciences, SWITZERLAND
M. Celeste Simon, HHMI/University of Pennsylvania, USA
Stephen Simpson, The University of Sydney, AUSTRALIA
Bao-Liang Song, Shanghai Institutes for Biological Sciences, CAS, CHINA
Cheryl Wellington, University of British Columbia, Canada
Hong Yuan, Rob Yang, University of New South Wales, AUSTRALIA
Shimin Zhao, Fudan University, CHINA
VACCINE DESIGN
疫苗设计

ORGANIZED BY
Michael Good, Griffith University, AUSTRALIA
Yiming Shao, Chinese Center for Disease Control and Prevention, CHINA
Linqi Zhang, Tsinghua University, China

PROGRAM

VACCINE TECHNOLOGY I
M. Good, Griffith University, Southport, AUSTRALIA
S. Lu, University of Massachusetts Medical Center, Worcester, USA

VACCINE DESIGN I
Y. Shao, Chinese Center for Disease Control and Prevention, Beijing, CHINA

HIV VACCINE AND IMMUNOLOGY
J. McElrath, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA
R. Wyatt, The Scripps Research Institute, La Jolla, California, USA

VACCINE TOWARDS BACTERIA AND CANCER
T. Lehner, King’s College London, UNITED KINGDOM

VACCINE DESIGN II
R. Khanna, Queensland Institute of Medical Research, AUSTRALIA

VIRAL IMMUNOLOGY
R. Ruprecht, Dana-Farber Cancer Institute, Boston, Massachusetts, USA

VACCINE TECHNOLOGY II
S. Goodswen, University of Technology Sydney, AUSTRALIA
L. Chen, Guangzhou Institute of Biomedicine and Health, CHINA

FUTURE VACCINES
M. Good, Griffith University, Southport, AUSTRALIA
L. Zhang, Tsinghua University, CHINA

KEYNOTE SPEAKERS
Dennis Burton, The Scripps Research Institute, USA
David Ho, Aaron Diamond AIDS Res Center, USA

INVITED SPEAKERS
Gabrielle Belz, Walter and Eliza Hall Institute of Medical Research, AUSTRALIA
Luigi Buonaguro, National Cancer Institute, Naples, ITALY
Michael Good, Griffith University, AUSTRALIA
Ken Ishi, National Institute of Biomedical Innovation (NIBIO), Immunology Frontier Research Center (IFRC), Osaka University, JAPAN
Raj Khatana, Queensland Institute of Medical Research, AUSTRALIA
David Katzmann, UMR 7211 UPMC/ CNRS, Pierre & Marie Curie University, FRANCE
Mi-Na Kweon, International Vaccine Institute, KOREA
Thomas Lehner, Kings College London, UNITED KINGDOM
Larry (Huaxin) Liao, Duke University Medical Center, USA
M. Juliana McElrath, Fred Hutchinson Cancer Research Center, USA
James Mullins, University of Washington, USA
David Pascual, Montana State University, USA
Ruth Ruprecht, Dana-Farber Cancer Institute, USA
Yiming Shao, Chinese Center for Disease Control and Prevention, CHINA
Zhong Su, Guangzhou Institute of Biomedicine and Health, CHINA
Richard Wyatt, The Scripps Research Institute, USA
Cassian Yee, University of Washington, USA
Linqi Zhang, Tsinghua University, CHINA
Tongqing Zhou, Vaccine Research Center, NAID/ NIH, USA
Jiang Zhu, NIH/ NAID, USA
PLANT CELL AND DEVELOPMENTAL BIOLOGY
植物细胞和发育生物学

June 17-21 132 Participants

ORGANIZED BY
Tetsuya Higashiyama, Nagoya University, JAPAN
Bo Liu, University of California, Davis, USA
Hong Ma, Fudan University/ Penn State University, CHINA/ USA
Zhenbiao Yang, University of California Riverside, USA

KEYNOTE SPEAKERS
Jiayang Li, Institute of Genetics and Developmental Biology, CHINA
Natasha Raikhel, University of California, Riverside, USA

INVITED SPEAKERS
Frederic Berger, Temasek Life Sciences Laboratory, National University of Singapore, SINGAPORE
David Bouchez, Institut Jean-Pierre Bourgin, FRANCE
Xiaoia Chen, Shanghai Institutes of Biological Sciences, CHINA
Zhixiang Chen, Purdue University, USA
Juan Dong, Waksman Institute, USA
Pankaj Dhonukshe, VIB/ Universiteit Gent, BELGIUM
Thomas Dresselhaus, University of Regensburg, GERMANY
Hiroyuki Fukuda, University of Tokyo, JAPAN
Niko Geldner, University of Lausanne, SWITZERLAND
Venugopala Gonehal, University of California, Riverside, USA
John Harada, University of California, Davis, USA
Takashi Hashimoto, Nara Institute of Science and Technology, JAPAN
Tetsuya Higashiyama, Nagoya University, JAPAN
Inhwan Hwang, Pohang University of Science & Technology, KOREA
Liwen Jiang, The Chinese University of Hong Kong, CHINA
Jürgen Kleine-Vehn, Universität für Bodenkultur Wien (BOKU), AUSTRIA
Thomas Laux, University of Freiburg, GERMANY
Hong Ma, Fudan University/ Pen State University, CHINA/ USA
Zhenbiao Yang, University of California Riverside, USA

PROGRAM
TRAFFICKING
L. Jiang, Chinese University of Hong Kong, Hong Kong, CHINA

CELLULAR SIGNALING
J. Sheen, Massachusetts General Hospital, Boston, Massachusetts, USA

CYTOSKELETON I
B. Liu, University of California, Davis, California, USA

CYTOSKELETON II
T. Hashimoto, Nara Institute of Science and Technology, Ikoma, JAPAN

CELL POLARITY AND FATE DETERMINATION
X.-Y. Chen, Shanghai Institute of Plant Physiology and Ecology, Shanghai, CHINA

CELL DIVISION AND DEVELOPMENT
H. Fukuda, University of Tokyo, Tokyo, JAPAN

STEM CELLS AND EMBRYOGENESIS
T. Laux, Albert-Ludwigs-University Freiburg, Freiburg, GERMANY

REPRODUCTIVE BIOLOGY I
T. Higashiyama, Nagoya University, Nagoya, JAPAN

REPRODUCTIVE BIOLOGY II
T. Dresselhaus, University of Regensburg, Regensburg, GERMANY
YERSINIA 11 - THE 11TH INTERNATIONAL SYMPOSIUM ON YERSINIA
第十一届耶尔森菌属国际研讨会

June 24-28  118 Participants

ORGANIZED BY
Rufiu Yang, Beijing Institute of Microbiology and Epidemiology, CHINA
中国北京微生物流行病学研究所
Elisabeth Carniel, Institut Pasteur, FRANCE 法国巴斯德研究所
Paul Keim, Northern Arizona University, USA 美国北亚利桑那大学
Andrey Anisimov, State Research Center for Applied Microbiology and Biotechnology, RUSSIA
俄罗斯应用微生物与生物技术国家研究中心

PROGRAM
PHYSIOLOGY OF YERSINIA I
W. Goldman, University of North Carolina, Chapel Hill, North Carolina, USA
R.D. Perry, University of Kentucky, Lexington, Kentucky, USA

PHYSIOLOGY OF YERSINIA II
V.L. Miller, University of North Carolina, Chapel Hill, North Carolina, USA
M. Skurnik, University of Helsinki, Helsinki, FINLAND

PHYSIOPATHIOLOGY AND IMMUNOLOGY OF YERSINIA-CAUSED DISEASES
J. Hinnenbusch, NAID-Rocky Mountain Laboratories, National Institutes of Health, Hamilton, Montana, USA
J. Bliska, Stony Brook University, Stony Brook, New York, USA

EPIDEMIOLOGICAL ASPECTS OF YERSINIA-CAUSED DISEASES
R. Yang, Beijing Institute of Microbiology and Epidemiology, Beijing, CHINA
H. Najdenski, Bulgarian Academy of Sciences, Sofia, BULGARIA

DIAGNOSIS AND PREVENTION OF YERSINIA-CAUSED DISEASES
A. Anisimov, State Research Center for Applied Microbiology and Biotechnology, Obolensk, RUSSIA
N.C. Stenseth, University of Oslo, Blindern, NORWAY

INFECTION AND VIRULENCE OF YERSINIA
A.M.P. Almeida, CPqAM/ FIOCRUZ-PE, Recife, BRAZIL
R.R. Brubaker, University of Kentucky, Lexington, Kentucky, USA

GENOMICS AND OMICS-DRIVEN STUDY OF YERSINIA
P. Keim, Northern Arizona University, Flagstaff, Arizona, USA
E. Carniel, Institut Pasteur, Paris, FRANCE

KEYNOTE SPEAKER
William Goldman, University of North Carolina at Chapel Hill, USA

INVITED SPEAKERS
Mark Achtman, University College Cork, IRELAND 爱尔兰科克大学
Alzira Almeida, Centro de Pesquisas Aggeu Magalhães, BRAZIL 阿格努麦加中心
Andrey Anisimov, State Research Center for Applied Microbiology and Biotechnology, RUSSIA
Rufiu Yang, Beijing Institute of Microbiology and Epidemiology, CHINA

INVITED SPEAKERS
Mark Achtman, University College Cork, IRELAND 爱尔兰科克大学
Alzira Almeida, Centro de Pesquisas Aggeu Magalhães, BRAZIL 阿格努麦加中心
Andrey Anisimov, State Research Center for Applied Microbiology and Biotechnology, RUSSIA
Rufiu Yang, Beijing Institute of Microbiology and Epidemiology, CHINA

INVITED SPEAKERS
Mark Achtman, University College Cork, IRELAND 爱尔兰科克大学
Alzira Almeida, Centro de Pesquisas Aggeu Magalhães, BRAZIL 阿格努麦加中心
Andrey Anisimov, State Research Center for Applied Microbiology and Biotechnology, RUSSIA
Rufiu Yang, Beijing Institute of Microbiology and Epidemiology, CHINA

INVITED SPEAKERS
Mark Achtman, University College Cork, IRELAND 爱尔兰科克大学
Alzira Almeida, Centro de Pesquisas Aggeu Magalhães, BRAZIL 阿格努麦加中心
Andrey Anisimov, State Research Center for Applied Microbiology and Biotechnology, RUSSIA
Rufiu Yang, Beijing Institute of Microbiology and Epidemiology, CHINA
NEW ADVANCES IN OPTICAL IMAGING OF LIVE CELLS AND ORGANISMS
活細胞和有機體的光學成像新進展

ORGANIZED BY
Atsushi Miyawaki, Riken Brain Science Institute, JAPAN 日本理研所腦科學研究所
Xiaoliang Sunney Xie, Harvard University, USA 美國哈佛大學
Rafael Yuste, Columbia University, USA 美國哥倫比亞大學
Xiaowei Zhuang, HHMI/ Harvard University, USA 美國霍華德休斯醫學研究院/哈佛大學

PROGRAM

SINGLE MOLECULE IMAGING AND MANIPULATION
X. Zhuang, HHMI, Harvard University, Cambridge, Massachusetts, USA

PROBE DEVELOPMENT
A. Miyawaki, RIKEN Brain Science Institute, Wako, JAPAN

SUPER RESOLUTION IMAGING
X. Zhuang, HHMI, Harvard University, Cambridge, Massachusetts, USA

IN VIVO IMAGING
X.S. Xie, Harvard University, Cambridge, Massachusetts, USA

INTRACELLULAR IMAGING
A. Miyawaki, RIKEN Brain Science Institute, Wako, JAPAN

OPTICAL MANIPULATION OF ACTIVITY, INCLUDING OPTOGENETICS AND CAGED COMPOUNDS
R. Yuste, Columbia University, New York, New York, USA

NEUROIMAGING
R. Yuste, Columbia University, New York, New York, USA

KEYNOTE SPEAKER
Stefan Hell, Max Planck Institute for Biophysical Chemistry, GERMANY 德國馬克斯普朗克生物物理化學研究所

INVITED SPEAKERS

INTRACELLULAR IMAGING
Akihiro Kusumi, Kyoto University, JAPAN 日本京都大學
Michiyuki Matsuda, Kyoto University, JAPAN 日本京都大學
Robert Singer, Albert Einstein College of Medicine, USA 美國愛因斯坦醫學院

SINGLE MOLECULE IMAGING
Toshio Ando, Kanazawa University, JAPAN 日本金澤大學
Carlos Bustamante, HHMI/ University of California, Berkeley, USA 美國霍華德休斯醫學研究院/美國加州大學伯克利分校
Yooshie Harada, Kyoto University, JAPAN 日本京都大學
Paul Selvin, University of Irvine at Urbana-Champaign, USA 美國伊利諾伊大學厄本那一香櫞分校
Michelle Wang, Cornell University and HHMI, USA 美國康奈爾大學/霍華德休斯醫學研究院

PROBE DEVELOPMENT
Steven Boxer, Stanford University, USA 美國斯坦福大學
Atsushi Miyawaki, Riken Brain Science Institute, JAPAN 日本理研所腦科學研究所
Hidekazu Tsutsui, Osaka University, JAPAN 日本大阪大學

SUPER-RESOLUTION MICROSCOPY
Long Cai, Caltech, USA 美國加州理工學院
William Moerner, Stanford University, USA 美國斯坦福大學
Valentin Nagerl, University of Bordeaux, FRANCE 法國波爾多大學
Xiaowei Zhuang, HHMI/ Harvard University, USA 美國霍華德休斯醫學研究院/哈佛大學

IN VIVO IMAGING
Scott Fraser, University of Southern California, USA 美國南加州大學
Masaru Ishii, Osaka University, JAPAN 日本大阪大學
Eric Potma, U of Irkutsk, UKAD/ Irkutsk, USA 美國加州大學戴文分校
Michio Tomura, Kyoto University, JAPAN 日本京都大學
Xiaoliang Sunney Xie, Harvard University, USA 美國哈佛大學

NEUROIMAGING
Ann-Shyn Chiang, National Tsing Hua University, TAIWAN 臺灣清華大學
Daniel Choquet, CNRS-Univ. Bordeaux, FRANCE 法國波爾多大學
Adam Cohen, Harvard University, USA 美國哈佛大學
Arthur K. Karpfard, Technical University Munich, GERMANY 德國慕尼黑理工大學
Wei Min, Columbia University, USA 美國哈佛大學

OPTICAL MANIPULATION OF ACTIVITY, INCLUDING OPTOGENETICS AND CAGED COMPOUNDS
Edward Boyden, Massachusetts Institute of Technology, USA 美國麻省理工學院
Roberto Etchenique, Universidad De Buenos Aires, ARGENTINA 阿根廷大學
Michael Lin, Stanford University School of Medicine, USA 美國斯坦福大學醫學院
Shimon Weiss, University of California, Los Angeles, USA 美國加州大學洛杉磯分校
Rafael Yuste, Columbia University, USA 美國哈佛大學

August 20-23 242 Participants
CELL SIGNALING IN METABOLISM, INFLAMMATION AND CANCER
代谢、炎症及癌症中的细胞信号传导

September 2-6 229 Participants

ORGANIZED BY
Michael Karin, University of California, San Diego, USA
Anning Lin, Shanghai Institute of Biochemistry and Cell Biology, CAS, CHINA
Zheng-Gang Liu, NIH/NCI, USA
David Wallach, Weizmann Institute of Science, ISRAEL

PROGRAM
SIGNALING IN METABOLISM I
M.H. Cobb, University of Texas Southwestern Medical Center, Dallas, Texas, USA
R. Davis, University of Massachusetts Medical Center, Worcester, Massachusetts, USA

SIGNALING IN METABOLISM II
R. Davis, University of Massachusetts Medical Center, Worcester, Massachusetts, USA

SIGNALING IN INFLAMMATION/IMMUNITY I
Y. Ben-Neriah, Hebrew University, Jerusalem, ISRAEL
D. Wu, Yale University, New Haven, Connecticut, USA

SIGNALING IN INFLAMMATION II
D. Wallach, Weizmann Institute of Science, Rehovot, ISRAEL
D. Green, St. Jude Children’s Research Hospital, Memphis, Tennessee, USA

SIGNALING IN INFLAMMATION III
S.-C. Sun, University of Texas M.D. Anderson Cancer, Houston, Texas, USA

SIGNALING IN CANCER I
Z. Liu, NCI, National Institutes of Health, Bethesda, Maryland, USA

SIGNALING IN CANCER II
E. Wagner, Centro Nacional de Investigaciones Oncológicas (CNIO), Madrid, SPAIN
M. Rosner, University of Chicago, Illinois, USA

SIGNALING IN CANCER III
T. Kalunki, Danish Cancer Society Research Center, Copenhagen, DENMARK

KEYNOTE SPEAKER
Michael Karin, University of California, USA 美国加州大学

INVITED SPEAKERS
Yinon Ben-Neriah, Hebrew University, ISRAEL 以色列耶路撒冷希伯来大学
Zhijian “James” Chen, University of Texas Southwestern Medical Center, USA 美国德州大学西南医学中心
Roger Davis, University of Massachusetts Medical Center, USA 美国麻省州立大学医学中心
Gen-Sheng Feng, Shanghai Institute of Biochemistry & Cell Biology, CHINA 中国上海生命科学研究院生物化学与细胞生物学研究所
Douglas Green, St. Jude Children’s Research Hospital, USA 美国圣裘德儿童研究医院
Kun-Liang Guan, University of California, USA 美国加州大学
Alexander Hoffmann, University of California, USA 美国加州大学
Lijuan Hui, Shanghai Institute of Biochemistry & Cell Biology, CHINA 中国上海生命科学研究院生物化学与细胞生物学研究所
Gary Johnson, University of North Carolina, USA 美国北卡罗来纳大学
Ming Li, Albert Einstein Cancer Center, USA 美国爱因斯坦癌症中心
Anning Lin, Shanghai Institute of Biochemistry and Cell Biology, CAS, CHINA 中国上海生命科学研究院生物化学与细胞生物学研究所
Xin Lin, MD Anderson Cancer Centre, USA 美国MD安德森癌症中心
Martha Rosner, University of Chicago, USA 美国芝加哥大学
Yufang Shi, Institute of Health Sciences, USA 美国健康科学研究所
Shao-Dong Sun, MD Anderson Cancer Center, USA 美国MD安德森癌症中心
Evelin Wagner, Centro Nacional de Investigaciones Oncologicas (CNIO), Spain 西班牙国立癌症研究中心
David Wallach, Weizmann Institute of Science, Israel 以色列魏兹曼科学研究所
Gang Wang, Institute of Biochemistry and Cell Biology, SIBS, CAS, CHINA 中国科学院上海生命科学研究所
Xiaodong Wang, National Institute of Biological Sciences (NIBS), CHINA 中国生物科学研究所
Hongying Wang, Eastern Hepatobiliary Surgery Institute Hospital, CHINA 中国东方肝胆外科研究所/医院
Hao Wu, Harvard Medical School, USA 美国哈佛医学学院
Dan Wu, Yale University, USA 美国耶鲁大学
MOLECULAR BASIS OF AGING AND DISEASE
衰老和疾病的分子基础

September 9-13  169 Participants

KEYNOTE SPEAKERS

Adam Antebi, Max Planck Institute for Biology of Ageing, GERMANY 德國馬克斯·普朗克衰老生物研究所
Judith Campisi, Buck Institute for Research on Aging and Lawrence Berkeley National Laboratory, USA
美國BUCK衰老研究所/美國勞倫斯伯克利國家實驗室
Leonard Guarente, Massachusetts Institute of Technology, USA 美國麻省理工學院
Cynthia Kenyon, Department of Biochemistry and Biophysics, University of California San Francisco, USA
美國加州大學洛杉磯分校
Hong Gil Nam, Center for New Biology of Plant Senescence and Life History, BBS & DGIST, KOREA 韓國國家大學新植物衰老和生命歷史研究所
Leonardo Partridge, University College London, UNITED KINGDOM 英國倫敦大學學院
Zhongjun Zhou, The University of Hong Kong, CHINA 香港大學

INVITED SPEAKERS

Vilhelm Bohr, Biomedical Research Center, USA 美國生物醫學研究所
Anne Brunet, Stanford University, USA 美國斯坦福大學
Mario Fraga, Centro Nacional de Biotecnología/ CNB-CSIC and IUOPA, SPAIN 西班牙國家生物技術研究所/西班牙國家生物技術研究所
Jing-Dong Jackie Han, Partner Institute for Computational Biology, CHINA 中國科學院-馬普計算生物醫學伙伴研究所
Jan Hoeijmakers, Erasmus University Rotterdam, THE NETHERLANDS 荷蘭鹿特丹伊拉斯姆斯大學
Eun Seong Hwang, University of Seoul, SOUTH KOREA 韓國首爾大學
Matt Kaebirionis, University of Washington, USA 美國華盛頓大學
Jan Vijg, Albert Einstein College of Medicine, USA 美國艾伯特愛因斯坦醫學院
Brian Kennedy, Buck Institute, USA 美國BUCK研究所
Philipp Khaitovich, CAS-MPG Institute for Computational Biology, CHINA 中國科學院-馬普計算生物醫學伙伴研究所
Stuart Kim, Stanford University Medical Center, USA 美國斯坦福大學醫學中心
Seung-Jae Lee, Pohang University of Science and Technology, KOREA 韓國浦項技術大學
Sui Sylvia Lee, Comer University, USA 美國康奈爾大學
Hao Li, University of California, San Francisco, USA 美國加州大學洛杉磯分校
Valter Longo, University of Southern California, Los Angeles, California, USA 美國南加州大學
Nozomu Mori, Nagasaki University School of Medicine, JAPAN 日本長崎大學醫學院
Isao Shimokawa, Nagasaki University Graduate School of Biomedical Sciences, JAPAN 日本長崎大學生物醫學研究生院
Isao Shimokawa, Nagasaki University Graduate School of Biomedical Sciences, JAPAN 日本長崎大學生物醫學研究生院
Younsh Su, Albert Einstein College of Medicine, USA 美國艾伯特愛因斯坦醫學院
Xiaoli Tian, Peking University, CHINA 中國北京大學
Jan Vijg, Albert Einstein College of Medicine, USA 美國艾伯特愛因斯坦醫學院
Meng Wang, Baylor College of Medicine, USA 美國貝勒醫學院
Zhixun Zhang, Central South University, CHINA 中國中部大學
Jinqiu Zhou, Institute of Biochemistry and Cell Biology, CAS, CHINA 中國科學院上海生物醫學研究所
Songyang Zhou, Sun Yat-sen University, CHINA 中國中山大學

ORGANIZED BY

Adam Antebi, Max Planck Institute, GERMANY 德國馬克斯·普朗克研究所
Jing-Dong Jackie Han, Partner Institute for Computational Biology, CHINA 中國科學院-馬普計算生物醫學伙伴研究所
Brian Kennedy, Buck Institute, USA 美國BUCK研究所
Jan Vijg, Albert Einstein College of Medicine, USA 美國艾伯特愛因斯坦醫學院

PROGRAM

METABOLISM I
V. Longo, University of Southern California, Los Angeles, California, USA

METABOLISM II
V. Bohr, Biomedical Research Center, Baltimore, Maryland, USA
T. Nakagawa, University of Toyama, JAPAN

DEVELOPMENTAL AND ENVIRONMENTAL INTERACTION I
A. Antebi, Max Planck Institute for the Biology of Ageing, Cologne, GERMANY

DEVELOPMENTAL AND ENVIRONMENTAL INTERACTION II
M. Fraga, Centro Nacional de Biotecnologia/ CNB-CSIC and IUOPA, Oviedo, SPAIN
Z. Songyang, Baylor College of Medicine, Houston, Texas, USA/ Sun Yat-Sen University, Guangzhou, CHINA

MOLECULAR AND CELLULAR INTERVENTIONS I
Z. Zhou, University of Hong Kong, CHINA

MOLECULAR AND CELLULAR INTERVENTIONS II
M. Kaebirionis, University of Washington, Seattle, Washington, USA
B. Kennedy, Buck Institute, Novato, California, USA

SYSTEMS AGING AND CELLULAR ENDPOINTS I
J. Vijg, Albert Einstein College of Medicine, Bronx, New York/ Institute of Biochemistry and Cell Biology, CAS, Shanghai, CHINA

SYSTEMS AGING AND CELLULAR ENDPOINTS II
X. Tian, Peking University, Beijing, CHINA

COMPARATIVE BIOLOGY OF AGING AND DNA DAMAGE AND REPAIR
Y. Suh, Albert Einstein College of Medicine, Bronx, New York USA
FRONTIERS IN BIOINFORMATICS AND COMPUTATIONAL BIOLOGY
生物信息学与计算生物学的前沿研究

September 23-27 151 Participants

ORGANIZED BY
M. Madan Babu, MRC-Laboratory of Molecular Biology, UK
英國醫學研究委員會分子生物學實驗室
Luonan Chen, Shanghai Institutes for Biological Sciences, CAS, CHINA
中國科学院上海生命科学研究院
Keith Dunker, Indiana University School of Medicine, USA
美國印第安納大學醫學院
Satoru Miyano, University of Tokyo, JAPAN
日本東京大學
Dong Xu, University of Missouri, USA
美國密蘇里大學

PROGRAM

GENOMICS AND PERSONALIZED MEDICINE
S. Miyano, University of Tokyo, JAPAN

INTERACTOMES AND NETWORKS
K. Dunker, Indiana University School of Medicine, Indianapolis, USA

COMPUTATIONAL DISEASES STUDIES
J. Sussman, Weizmann Institute of Science, Rehovot, ISRAEL

GENOME ANALYSIS
D. Kihara, Purdue University, West Lafayette, Indiana, USA

GENE REGULATION
B. Santhanam, MRC Laboratory of Molecular Biology, Cambridge, UNITED KINGDOM

COMPUTATIONAL SYSTEMS BIOLOGY
L. Chen, Shanghai Institutes for Biological Sciences, CAS, CHINA

FUNCTION, STRUCTURE AND EVOLUTION
S. Brenner, University of California, Berkeley, USA

KEYNOTE SPEAKERS
Leroy Hood, Institute for Systems Biology, USA
美國系統生物學研究所
Joel Sussman, Weizmann Institute of Science, ISRAEL
以色列魏竹曼科學研究所
Marc Vidal, Harvard Medical School and Dana-Farber Cancer Institute, USA
美國哈佛醫學院丹娜-法伯癌症研究所

INVITED SPEAKERS
Kazuyuki Aihara, University of Tokyo, JAPAN
日本東京大學
Steven E. Brenner, University of California, Berkeley, USA
美國加州大學伯克利分校
Luonan Chen, Shanghai Institutes for Biological Sciences, CAS, CHINA
中國科学院上海生命科学研究院
Phoebe Chen, La Trobe University, AUSTRALIA
澳大利亚拉籌伯大學
Kwang-Hyun Cho, Korea Advanced Institute of Science and Technology (KAIST), REPUBLIC OF KOREA
韓國科學技術院
Keith Dunker, Indiana University School of Medicine, USA
美國印第安納大學醫學院
Ballin Hao, Chinese Academy of Sciences/ Fudan University, CHINA
中國科學院/ 同濟大學
Xionglei He, Sun Yat-sen University, CHINA
中國中山大學
Daizuke Kihara, Purdue University, USA
美國普渡大學
Xiaole Liu, Dana-Farber Cancer Institute, USA/ Tongji University, CHINA
美國丹娜-法伯癌症研究所/ 中國同濟大學
Stephen Michnick, Université de Montreal, CANADA
加拿大蒙特利爾大學
Satoru Miyano, University of Tokyo, JAPAN
日本東京大學
Dong Xu, University of Missouri, USA
美國密蘇里大學
Ying Xu, University of Georgia, USA
美國喬治亞大學
Michael Zhang, University of Texas-Dallas, USA/ Tsinghua University, CHINA
美國德州大學達拉斯分校/ 中國清華大學
Zhongming Zhao, Vanderbilt University Medical Center, USA
美國范德堡大學醫學中心
CSHA/ ISSCR JOINT MEETING ON
STEM CELLS IN SCIENCE AND MEDICINE

CSHA/ ISSCR 合作會議: 科學和醫學領域的幹細胞研究

October 14-17
375 Participants

ORGANIZED BY
Hongkui Deng, Peiking University, College of Life Sciences, CHINA 北京大學生命科學學院
Andrew Elefanty, Monash University, AUSTRALIA 澳大利亞莫納什大學
Ronald McKay, The Lieber Institute for Brain Development, USA 美國Lieber腦癲癇研究所
Huck-Hui Ng, Genome Institute of Singapore, SINGAPORE 新加坡基因組研究所
Richard Young, Whitehead Institute/M.I.T., USA 美國麻省理工學院懷特海德生物醫學研究所

PROGRAM
IPS AND REPROGRAMMING
H.H. Ng, Genome Institute of Singapore, SINGAPORE

CIRCUITY AND GLOBAL TOOLS
R.A. Young, Whitehead Institute for Biomedical Research, Cambridge, Massachusetts, USA

CANCER STEM CELLS AND THERAPY
J. Rossant, Hospital for Sick Children, Toronto, CANADA

STEM CELLS AND DEVELOPMENT
H. Deng, Peiking University College of Life Sciences, Beijing, CHINA

REGENERATIVE PHARMACOLOGY AND TISSUE ENGINEERING
R.D. McKay, The Lieber Institute for Brain Development, Baltimore, Maryland, USA

CELL FATE CONTROL AND CONVERSION
A. Elefanty, Monash University, Victoria, AUSTRALIA

KEYNOTE SPEAKERS
Janet Rossant, The Hospital for Sick Children/ University of Toronto, Canada 美國多倫多大學
Richard Young, Whitehead Institute/ M.I.T., USA 美國麻省理工學院懷特海德生物醫學研究所

INVITED SPEAKERS
Tao Cheng, University of Pittsburgh, USA 美國匹茲堡大學
Sheng Ding, University of California, San Francisco, USA 加州大學舊金山分校
Anna-Katerina Hadjantonakis, Memorial Sloan Kettering, USA 美國斯隆凱特林癌症研究中心
Catarina Jamieson, University of California, San Diego, USA 加州大學聖地亞哥分校
Ryoichiro Kageyama, Kyoto University, JAPAN 日本京都大學
En Li, China Novartis Institutes for Biomedical Research, CHINA 中国諾華生物醫學研究所
Christine Mummery, La Trobe University, Melbourne, Australia 澳大利亞墨爾本大學

Huck-Hui Ng, Genome Institute of Singapore, SINGAPORE 新加坡基因組研究所
Hideyuki Okano, Keio University School of Medicine, Japan 日本慶應義塾大學
Duanqing Pei, Guangzhou Institute of Biomedicine and Health, CAS, CHINA 中国科学院廣州生物醫學與健康研究所
Katherine Platt, UCLA School of Medicine, USA 加州大學洛杉磯分校醫學院
Jose Pelo, Monash University, AUSTRALIA 澳大利亞莫納什大學
Masayo Takahashi, RIKEN Center for Developmental Biology, Japan 日本理化研究所發育生物學研究中心
Patrick Tam, Children’s Medical Research Institute, AUSTRALIA 澳大利亞兒童醫學研究中心
Qi Zhou, Institute of Zoology, CAS, CHINA 中國科學院動物研究所

Zhong Zhong, GlaxoSmithKline, CHINA 葛蘭史克（中國）投資有限公司
Yixian Zheng, Carnegie Institution for Science, USA 美國卡內基科學研究所
Zhong Zhong, GlaxoSmithKline, CHINA 葛蘭史克（中國）投資有限公司

2013 CONFERENCE AND COURSE PROGRAM / Cold Spring Harbor Asia
2013 CONFERENCE AND COURSE PROGRAM / Cold Spring Harbor Asia
DEVELOPMENT, FUNCTION AND DISEASE OF NEURAL CIRCUITS
神经回路的发育、功能和疾病

October 21-25 122 Participants

ORGANIZED BY
Barry Dickson, Research Institute of Molecular Pathology, AUSTRIA 奥地利分子病理学研究所
Zhigang He, Harvard Medical School/ Children's Hospital, Boston, USA 美国哈佛大学医学院/波士顿儿童医院
Hitoshi Okamoto, RIKEN Brain Science Institute, JAPAN 日本理研所脑科学研究所
Yimin Zou, University of California at San Diego, USA 美国加州大学圣地亚哥分校

PROGRAM
SPECIAL LECTURE
H. Okamoto, RIKEN Brain Science Institute, Wako, JAPAN

CIRCUIT ASSEMBLY I
S. Ye, University of Michigan, Ann Arbor, Michigan, USA

CIRCUIT AND BEHAVIOR I
K. Miyamichi, University of Tokyo, Tokyo, JAPAN

NEURAL CIRCUIT REPAIR I
L. Ma, University of Southern California, Los Angeles, California, USA

CIRCUIT ASSEMBLY II
Q. Lu, Beckman Research Institute of the City of Hope, Duarte, California, USA

CIRCUIT DYSFUNCTION
T. Watkins, Genentech, Inc., South San Francisco, California, USA

CIRCUIT AND BEHAVIOR II
G. Ou, Institute of Biophysics, CAS, Beijing, CHINA

CIRCUIT REPAIR II
H. Zou, Mount Sinai School of Medicine, New York, New York, USA

KEYNOTE SPEAKERS
Eric Nestler, Mount Sinai School of Medicine, USA 美国西奈山医学院
Larry Zipursky, HHMI, University of California, Los Angeles, USA 美国霍华德休斯医学研究所/加州大学洛杉矶分校

INVITED SPEAKERS
Paola A trials, Harvard University, USA 美国哈佛大学
Chenfei Chen, Harvard Medical School, Children's Hospital, USA 美国哈佛大学/波士顿儿童医院
Gregoire Courtois, Swiss Federal Institute of Technology, Switzerland 瑞士洛桑联邦理工学院
Yang Dan, University of California, Berkeley, USA 美国加州大学伯克利分校
Aaron DiAntonio, Washington University School of Medicine, USA 美国圣路易斯大学医学学院
Jiulin Du, Institute of Neuroscience, CAS, China 中国科学院神经科学研究所
Chunhua Chen, Zhejiang University School of Medicine, China 中国浙江大学医学院
Gregoire Courtois, Swiss Federal Institute of Technology, Switzerland 瑞士洛桑联邦理工学院
Marylin Goulding, The Salk Institute, USA 美国萨克生物研究学院
Marc Hammarlund, Yale University, USA 美国耶鲁大学
Zhigang He, Harvard Medical School/Children's Hospital, Boston, USA 美国哈佛大学医学院/波士顿儿童医院
Hailan Hu, Shanghai Institutes for Biological Sciences, China 中国科学院上海生命科学研究院
Yisho Jin, University of California, San Diego/HHMI, USA 美国加州大学圣地亚哥分校/霍华德休斯医学研究所
Joshua Kaplan, Massachusetts General Hospital/Harvard Med., USA 美国哈佛医学院综合医院/美国哈佛大学医学院
Hitoshi Okamoto, RIKEN Brain Science Institute, Japan 日本理研所脑科学研究所
Franck Polleux, The Scripps Research Institute, USA 美国斯克里普斯研究所
Mu-Ming Poo, Institute of Neuroscience, Chinese Academy of Sciences, China 中国科学院神经科学研究所
Botond Roska, Friedrich Miescher Institute, Switzerland 瑞士弗雷德里希-米歇尔生物医学研究所
Thomas Schwarz, Children's Hospital and Harvard Medical School, USA 美国哈佛大学医学院
Mark Tuszynski, University of California San Diego, USA 美国加州大学圣地亚哥分校
Fan Wang, Duke University, USA 美国杜克大学
Hongyan Wang, Duke-NUS, Singapore 新加坡国立大学
Wei Xie, Southeast University, China 中国东南大学
Michiaki Yuzaki, Keio University, Japan 日本庆应义塾大学
Yimin Zou, University of California at San Diego, USA 美国加州大学圣地亚哥分校
TUMOR IMMUNOLOGY AND IMMUNOTHERAPY
腫瘤免疫及免疫療法

October 28 - November 1

274 Participants

ORGANIZED BY
Xuetao Cao, Chinese Academy of Medical Sciences, CHINA
Xin-Yuan Fu, National University of Singapore, SINGAPORE
Olivera Finn, University of Pittsburgh School of Medicine, USA
Cornelis Melief, Leiden University Medical Center, THE NETHERLANDS

PROGRAM
CANCER, INFLAMMATION AND IMMUNOSUPPRESSION
M. Smyth, Queensland Institute of Medical Research, Brisbane, AUSTRALIA

IMMUNE ESCAPE OF CANCER
G. Pawelec, University of Tübingen, GERMANY

ADOPTIVE T CELL THERAPY
M. Sadelain, Memorial Sloan-Kettering Cancer Center, New York, New York, USA

ANTIBODY THERAPY
L. Chen, Yale University School of Medicine, New Haven, Connecticut, USA

CANCER VACCINES
J. Barozzio, NCI, National Institutes of Health, Bethesda, Maryland, USA

COMBINATION OF IMMUNOTHERAPY WITH OTHER THERAPIES
J. Bollard, Genentech, South San Francisco, CALIFORNIA

NEW APPROACHES TO IMMUNOTHERAPY OF CANCER
H. Yu, Beckman Research Institute at City of Hope, Duarte, California, USA

KEYNOTE SPEAKERS
David Baltimore, California Institute of Technology, USA
Xiaodong Wang, National Institute of Biological Sciences, CHINA

INVITED SPEAKERS
Jean Pierre Abastado, Singapore Immunology Network, SINGAPORE
Tomi Buijs, The Netherlands Cancer Institute, THE NETHERLANDS

Yuan Chang, University of Pittsburgh Cancer Institute, USA
Liping Chen, Yale School of Medicine, USA
Olivera Finn, University of Pittsburgh School of Medicine, USA
Xin-Yuan Fu, National University of Singapore, SINGAPORE
Yang-Xin Fu, The University of Chicago, USA
Yukai He, Georgia Regents University Cancer Center, USA
Erica Jenssen Jarolim, Medical University Vienna, AUSTRIA
Dieter Kabitz, University of Kiel, GERMANY
Yutaka Kawakami, Keio University School of Medicine, JAPAN
Yuan Chang, University of Pittsburgh Cancer Institute, USA
Liping Chen, Yale School of Medicine, USA
Olivera Finn, University of Pittsburgh School of Medicine, USA
Xin-Yuan Fu, National University of Singapore, SINGAPORE
Yang-Xin Fu, The University of Chicago, USA
Yukai He, Georgia Regents University Cancer Center, USA
Erica Jenssen Jarolim, Medical University Vienna, AUSTRIA
Dieter Kabitz, University of Kiel, GERMANY
Yutaka Kawakami, Keio University School of Medicine, JAPAN
Yuan Chang, University of Pittsburgh Cancer Institute, USA

Cassian Yee, UT MD Anderson Cancer Center, USA
Weiping Zou, University of Michigan Medical School, USA
NUCLEAR RECEPTORS AND DISEASES
核受体与代谢

November 4-8  110 Participants

ORGANIZED BY
Hueng-Sik Choi, Chonnam National University, SOUTH KOREA 韩国国立全南大学
David Moore, Baylor College of Medicine, USA 美国贝勒医学院
Kristina Schoonjans, Ecole Polytechnique Fédérale de Lausanne, SWITZERLAND 瑞士洛桑联邦理工大学
Nanping Wang, Xi’an Jiaotong University School of Medicine, CHINA 中国西安交通大学医学院

PROGRAM

STRUCTURE AND FUNCTION
J. Xu, Baylor College of Medicine, Houston, Texas, USA
M.J. Tsai, Baylor College of Medicine, Houston, Texas, USA

LIVER NUTRIENT METABOLISM, STEATOSIS AND FIBROSIS
K. Schoonjans, Ecole Polytechnique Fédérale, Lausanne, SWITZERLAND
S. Kliewer, UT Southwestern Medical School, Dallas, Texas, USA

ENERGY BALANCE
S. Tsai, Baylor College of Medicine, Houston, Texas, USA
D. Moore, Baylor College of Medicine, Houston, Texas, USA

METABOLIC SYNDROME
S. Mandrup, University of Southern Denmark, Odense, DENMARK 丹麦南方大学
J. Sakai, University of Tokyo, JAPAN 日本东京大学

LIVER AND BILE ACIDS
V. Giguere, McGill University, Montréal, CANADA 加拿大麦吉尔大学
X. Li, Shanghai Jiaotong University, Shanghai, CHINA 中国上海交通大学

IMMUNITY, INFLAMMATION AND STEROIDS
C. Glass, University of California-San Diego, La Jolla, California, USA
A. Chawla, University of California-San Francisco, San Francisco, California, USA

CANCER
N. Wang, Xi’an Jiaotong University School of Medicine, Xi’an, CHINA
X. Zhang, Xiamen University, Xiamen, China

KEYNOTE SPEAKER
Mitchell A. Lazar, University of Pennsylvania, USA 美国宾夕法尼亚大学

INVITED SPEAKERS
Sung Hee Baek, Seoul National University, KOREA 韩国首尔国立大学
Ajay Chawla, University of California, San Francisco, USA 美国加利福尼亚大学旧金山分校
Hueng-Sik Choi, Chonnam National University, SOUTH KOREA 韩国国立全南大学
Gen-Shen Feng, University of California, USA 美国加利福尼亚大学
Vincent Giguere, McGill University, CANADA 加拿大麦吉尔大学
Christopher Glass, University of California, San Diego, USA 美国加利福尼亚大学圣地亚哥分校
Wendong Huang, Beckman Research Institute of City of Hope, USA 美国希望城之贝克曼研究所
Satoshi Inoue, The University of Tokyo, JAPAN 日本东京大学
Steven Kliewer, UT Southwestern, USA 德州大学西南医学中心
Juro Sakai, The University of Tokyo, JAPAN 日本东京大学
Mi-Ock Lee, Seoul National University, KOREA 韩国首尔国立大学
Xiaoying Li, Shanghai Institute of Endocrinology and Metabolism, CHINA 中国上海内分泌代谢研究所
Susanne Mandrup, University of Southern Denmark, DENMARK 丹麦南方大学
David Moore, Baylor College of Medicine, USA 美国贝勒医学院
Antonio Moschetta, Consorzio Mario Negri Sud, ITALY 意大利马里奥内格里研究会
Kristina Schoonjans, Ecole Polytechnique Fédérale de Lausanne, Lausanne, SWITZERLAND 瑞士洛桑联邦理工大学
Ming-Jer Tsai, Baylor College of Medicine, USA 美国贝勒医学院
Meng Wang, Baylor College of Medicine, USA 美国贝勒医学院
Nanping Wang, Xi’an Jiaotong University School of Medicine, CHINA 中国西安交通大学医学院
Mitsuhiro Watanabe, Keio University, JAPAN 日本庆应义塾大学
Eric Xu, Shanghai Institute of Materia Medica, CHINA 中国医学科学院药物研究所
Jianming Xu, Baylor College of Medicine, USA 美国贝勒医学院
Xiao-kun Zhang, Xiamen University, CHINA 中国厦门大学
BACTERIAL INFECTION AND HOST DEFENSE
细菌感染和宿主防御

November 18-22  223 Participants

ORGANIZED BY
Sam Miller, University of Washington, USA 美国华盛顿大学
Craig Roy, Yale University School of Medicine, USA 美国耶鲁大学医学院
Feng Shao, National Institute of Biological Sciences, CHINA 中国北京生命科学研究所
Gisou Van Der Goot, Ecole Polytechnique Federale de Lausanne, SWITZERLAND 瑞士洛桑联邦理工学院

PROGRAM

NEW EFFECTOR FUNCTION AND STRUCTURE
S. Miller, University of Washington, USA 美国华盛顿大学

BACTERIAL RESPONSES TO HOST IMMUNITY
B.B. Finlay, University of British Columbia, Vancouver, CANADA 加拿大英属哥伦比亚大学

PORE FORMING TOXINS
B. Ge, Tongji University, Shanghai, CHINA 中国同济大学

INNATE IMMUNE SENSING OF BACTERIAL INFECTION
I. Rosenshine, Hebrew University, Jerusalem, ISRAEL 以色列耶路撒冷希伯来大学

GENETICS, GENOMICS AND VIRULENCE
K. Orth, UT Southwestern Medical Center, Dallas, Texas, USA 美国德克萨斯西南医学中心

COMMENSALS AND MICROBIOTA
G. van der Goot, Ecole Polytechnique Federale de Lausanne, SWITZERLAND 瑞士洛桑联邦理工学院

KEYNOTE SPEAKER
Thomas F. Meyer, Max Planck Institute for Infection Biology, GERMANY 德国马克斯-普朗克感染生物研究所

INVITED SPEAKERS
Andreas Baemler, University of California at Davis, USA 美国加利福尼亚大学戴维斯分校
John Brumell, University of Toronto, CANADA 加拿大多伦多大学
Zhijian “James” Chan, University of Texas Southwestern Medical Center, USA 美国得克萨斯西南医学中心
Jeffrey S. Cox, University of California, USA 美国加利福尼亚大学
B. Brett Finlay, University of British Columbia, CANADA 加拿大温哥华英属哥伦比亚大学
Baoxue Ge, Tongji University School of Medicine-Shanghai Pulmonary Hospital, CHINA 中国上海同济大学附属肺科医院
Karen Guillemin, University of Oregon, USA 美国俄勒冈大学
Wayne Lencer, Harvard Medical School, USA 美国哈佛大学医学院
Sam Miller, University of Washington, USA 美国华盛顿大学
Joseph Moskow, University of Washington, USA 美国华盛顿大学
Byung-Ha Oh, Department of Biological Sciences, KAIST, KOREA 韩国科学技术院
Kim Orth, University of Texas Southwestern Medical Center, USA 美国得克萨斯西南医学中心
Matteo Dal Panaro, Ecole Polytechnique Federale de Lausanne-EPFL, SWITZERLAND 瑞士洛桑联邦理工学院
Karen Guillemin, University of California, USA 美国加利福尼亚大学

Hao Shen, Shanghai Jiaotong University School of Medicine, Shanghai, CHINA and University of Pennsylvania Perelman School of Medicine, USA 中国上海交通大学医学院/宾夕法尼亚大学Perelman医学院

Michael Starnbach, Harvard Medical School, USA 美国哈佛大学医学院
David G. Russell, Cornell University, USA 美国康奈尔大学
Olaf Schneewind, The University of Chicago, USA 美国芝加哥大学
Victor Torres, Microbial Pathogenesis Program Smilow Research Center, USA 美国斯米洛研究中心
Raphael Valdivia, Duke University Medical Center, USA 美国杜克大学医学院
Tamotsu Yoshimori, Graduate School of Medicine, Osaka University, JAPAN 日本大阪大学医学部
Yongqun Zhu, Life Science Institute, Zhejiang University, CHINA 中国浙江大学
THE 4TH JOINT SUMMER SCHOOL ON COMPUTATIONAL AND COGNITIVE NEUROSCIENCE (CCN)
第四期计算认知神经生物学暑期班

July 6-24, 2013

The 4th Computational and Cognitive Neurobiology Summer School was held in the campus of Beijing Normal University, in Beijing, China. The objective of this course was to train in Computational Neuroscience talented and highly motivated students and postdocs from Asia and other countries in the world. Applicants with either quantitative, including Physics, Mathematics, Engineering and Computer Science or experimental background were welcomed. The lectures introduced the basic concepts and methods, as well as cutting-edge research, in Computational Systems and Cognitive Neurosciences, with an emphasis on higher cognitive functions and their underlying neural basis. Modeling were taught at multiple levels, ranging from single neuron computation, microcircuits and large-scale systems, to normative theoretical approach to brain functions. Matlab-based programming labs coordinated with the lectures provided practical training in important computational methods.

INSTRUCTORS
Xiao-Jing Wang, Yale University School of Medicine, USA
Si Wu, Institute of Neuroscience, Shanghai, CHINA
Upinder S Bhalla, Nall Ch Biological Science, Bangalore, INDIA
Zachary F Mainen, Instituto Gulbenkian de Ciência, PORTUGAL

INVITED LECTURERS
Matthew Botvinick, Princeton University, USA
Mark Churchland, Columbia University, USA
Bob Desimone, Massachusetts Institute of Technology, USA
Michael Hausser, University College London, UK
Eve Marder, Brandeis University, USA
Tony Movshon, New York University, USA
Bill Newsome, Stanford University, USA
Bob Shapley, New York University, USA
Misha Tsodyks, Weizmann Institute, ISRAEL
Xiaoqin Wang, Johns Hopkins University, USA
Kechen Zhang, Johns Hopkins University, USA

Sponsored by Beijing Normal University, NYU Shanghai, Hugo Shong and the McGovern Institute, MIT McGovern Institute, Peking University, Tsinghua University and Cold Spring Harbor Asia
SUMMARY

In collaboration with the Japanese Biochemistry Society (JBS) we hosted an independent session at JBS’s 86th annual meeting in Yokohama. This CSHA session in Japan addressed the latest developments in epigenetics, involved an outstanding cast of international scientists from Singapore, Korea, USA, China and Japan, and embodied the same scientific spirit and open discussion as our meetings in Suzhou and Cold Spring Harbor.
CSH ASIA FELLOWSHIPS
冷泉港亚洲奖学金

Organizers of each CSH Asia meeting select fellowship awards from the submitted abstracts by graduate students and postdoc fellows based on the merit of scientific quality.

Congratulations to the following students! Their presentations (short talks or posters) were selected for a CSHA fellowship in 2013.

MECHANISMS AND FUNCTIONS OF NON-APOPTOTIC CELL DEATH
Wanzhe Chen, Xiamen University, CHINA
Ting Liu, Graduate School of Pharmaceutical Sciences, University of Tokyo, JAPAN
Joanne M. Hildebrandt, The Walter and Eliza Hall Institute of Medical Research, University of Melbourne, AUSTRALIA
Karen Yacobi-Sharon, Weizmann Institute of Science, ISRAEL

FRANCIS CRICK SYMPOSIUM ON NEUROSCIENCE
Xin Duan, Harvard University, Cambridge, Massachusetts.
Yuanxian Yao, Institute of Neuroscience, Shanghai, CHINA
Jai S. Polepalli, Institute of Neuroscience, Shanghai, CHINA
Yuanyuan Yao, Harvard University, Cambridge, Massachusetts.

MEMBRANE PROTEIN STRUCTURE AND FUNCTION
Shujia Zhu, Ecole Normale Superieure, France & ECNU, CHINA
Enzhi Shen, NIBS, Beijing, CHINA

METABOLISM, OBESITY AND OBESITY-ASSOCIATED DISEASES
Juntong Bi, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, Beijing, CHINA
Ju Hee Lee, Chungnam National University School of Medicine, Daejeon, SOUTH KOREA
Kyong-Hye Joung, Research Center for Endocrine and Metabolic Diseases, Daejeon, SOUTH KOREA

VACCINE DESIGN
Guan-Yu Chen, National Tsing Hua University, Hsinchu, TAIWAN
Stephen J. Goodswen, University of Technology Sydney, Sydney, AUSTRALIA
Hong You, Queensland Institute of Medical Research, Brisbane, AUSTRALIA

PLANT CELL AND DEVELOPMENTAL BIOLOGY
Chia-yang Chen, National Taiwan University, Taipei, TAIWAN
Chin-Lin Chung, National Sun Yat-sen University, Kaohsiung, Taiwan; Academia Sinica, Taiwan, TAIWAN
Ya-wen Hsu, Academia Sinica, Taipei, Taiwan; National Taiwan University, Taipei, TAIWAN
Dacheng Liang, CSIRO, Canberra, AUSTRALIA

NEW ADVANCES IN OPTICAL IMAGING OF LIVE CELLS AND ORGANISMS
Guisheng Zhong, Harvard University, USA
Qian Su, BUPEIC, Peking University, CHINA
Ziqing Zhao, Harvard University, USA
Luo Wei, Columbia University, USA
Shibdon J.J., Kwok, Harvard Medical School, USA
Jin Chu, Stanford University, USA
Yi Liao, University of Michigan, USA
Hongqiang Ma, Huazhong university of science and technology, CHINA

CELL SIGNALING IN METABOLISM, INFLAMMATION AND CANCER
Ye Wang, Shanghai Institutes for Biological Sciences, CAS, CHINA
Yiheng Hu, The Ohio State University, USA
Yuting Sun, Children’s Cancer Institute Australia, AUSTRALIA

MOLECULAR BASIS OF AGING AND DISEASE
Enzhi Shen, NIBS, Beijing, CHINA
Mark A. McCormick, Buck Institute, USA
Ziyun Wu, National University of Singapore, SINGAPORE

FRONTIERS IN BIOINFORMATICS AND COMPUTATIONAL BIOLOGY
Sheng Chung Ng, Hong Kong University of Science and Technology, HK
Anupama Yadav, Tata Institute of Fundamental Research, INDIA
Wenqiang Shi, Centre for Molecular Medicine and Therapeutics, CANADA
2013, the fourth year of Cold Spring Harbor Asia consisted of 17 conferences (7 spring conferences, 9 fall conferences and 1 oversea session in Japan) and 1 summer course. Many conferences are becoming real series meetings, which keep on repeating every 1 or 2 years, such as the membrane protein meeting, the neurons circuit meeting, etc. About 3000 scientists have joined CSH Asia’s meetings and courses. Nobel laureate Dr. Thomas Sudhof attended and delivered his lecture at the Francis Crick Symposium on Neuroscience: the Changing Brain. CSH Asia is glad to have the joint conference again with ISSCR in stem cell biology and achieved a great success. CSH Asia also moved its first step towards the oversea community and held a special CSHA session at the 86th annual meeting of the Japanese Society of Biology.

Our statistics show that there were total 2991 registrants (including 374 free auditing students and 98 representatives from the local biotech companies) from 43 countries who have participated in the seventeen meetings and the summer course. In general, female participants took about 40% of the total participants.

<table>
<thead>
<tr>
<th>Number of Meetings</th>
<th>Number of Summer Courses</th>
<th>Total Participants</th>
<th>Free Auditing Students</th>
<th>Representatives from Local Biotech Companies</th>
<th>Gender Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>1</td>
<td>2991</td>
<td>374</td>
<td>98</td>
<td>Female 40.90%, Male 59.10%</td>
</tr>
</tbody>
</table>

In terms of geographic distribution, the top 5 countries/regions from which we have the most attendees are China (including HK) (1792), USA (503), South Korea (109), Japan (92) and Singapore (60).

In terms of geographic distribution, the top 5 countries/regions from which we have the most attendees are China (including HK) (1792), USA (503), South Korea (109), Japan (92) and Singapore (60).