



2016 WORLD LIFE SCIENCE CONFERENCE



Nov. 1st-3rd, 2016, Beijing, China

Organized by the China Association of Science and Technology

Conference Chairs



Qide Han

Member of the Chinese Academy of Science, Vice Chairman of the Chinese People's Political Consultative Conference (CPPCC), President of China Associations for Science and Technology (CAST)



David Baltimore

Nobel laureate, Member of the National Academy of Sciences, California Institute of Technology

Confirmed Invited Plenary Speakers



David Baltimore

1975 Nobel laureate in Physiology or Medicine, California Institute of Technology



Robert Eric Betzig

2014 Nobel Laureate in Chemistry, Howard Hughes Medical Institute



Zhu Chen

Shanghai Jiao Tong University



Zhangliang Chen

China Association for Science and Technology



Johann Deisenhofer

1988 Nobel Laureate for Chemistry, University of Texas Southwestern Medical Center



Robert T. Fraley

2013 World Food Prize, Monsanto Company



Jules A Hoffmann

2011 Nobel Laureate in Physiology or Medicine, University of Strasbourg



Robert Huber

1988 Nobel Laureate in Chemistry, Technical University Munich



Brian Kobilka

2012 Nobel Laureate in Chemistry, Stanford University



Marc Van Montagu

2013 World Food Laureate, Ghent University



Erwin Neher

1991 Nobel Laureate in Physiology or Medicine, Max Planck Institute for Biophysical Chemistry



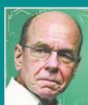
Venkatraman Ramakrishnan

2009 Nobel Laureate in Chemistry, University of Cambridge



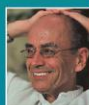
Sir Richard John Roberts

1993 Nobel Laureate in Physiology or Medicine, University of Sheffield



Karl Barry Sharpless

2001 Nobel Laureate in Chemistry, Massachusetts Institute of Technology



Thomas C. Südhof

2013 Nobel Laureate in Physiology or Medicine, Stanford University



Youyou Tu

2015 Nobel Laureate in Physiology or Medicine, China Academy of Chinese Medical Sciences



Kurt Wüthrich

2002 Nobel Laureate in Chemistry, Universität Bern



Ada E. Yonath

2009 Nobel Laureate in Chemistry, Weizmann



Longping Yuan

2004 World Food Prize, Hunan Agricultural University

Organizing Committee Chairs



Zihao Rao

Tsinghua University



Xiaofan Wang

Duke University



Xuetao Cao

Chinese Academy of Medical Sciences



Marcia McNutt

Editor-in-chief of the journal Science

Scientific and Program Committee Chairs

Hosted by the China Union of Life Science Societies

- CHINA ZOOLOGICAL SOCIETY BOTANICAL SOCIETY OF CHINA THE ENTOMOLOGICAL SOCIETY OF CHINA CHINESE SOCIETY FOR MICROBIOLOGY
- THE CHINESE SOCIETY OF BIOCHEMISTRY AND MOLECULAR BIOLOGY CHINESE SOCIETY FOR CELL BIOLOGY
- CHINESE SOCIETY FOR PLANT BIOLOGY BIOPHYSICAL SOCIETY OF CHINA GENETICS SOCIETY OF CHINA
- CHINESE ASSOCIATION FOR LABORATORY ANIMAL SCIENCES THE CHINESE NEUROSCIENCE SOCIETY CHINESE SOCIETY OF BIOTECHNOLOGY
- CHINESE ASSOCIATION FOR PHYSIOLOGICAL SCIENCES CHINESE SOCIETY FOR ANATOMICAL SCIENCES CHINESE SOCIETY OF BIOMEDICAL ENGINEERING
- CHINESE NUTRITION SOCIETY CHINESE SOCIETY FOR IMMUNOLOGY CHINESE SOCIETY FOR COGNITIVE SCIENCE

2016 世界生命科学大会

2016 世界生命科学大会由中国科学技术协会和中国生命科学学会联合体共同举办， 将于 2016 年 11 月 1 日-3 日在中国北京国家会议中心举行。全国政协副主席、中国科学技术协会主席韩启德院士和 1975 年诺贝尔生理学或医学奖获得者 David Baltimore 教授共同担任大会主席。

近年来我国生命科学领域取得了飞速发展，取得了多项突破性研究成果，国际影响力日益增大，其迅猛发展态势令国际同行瞩目。作为人口大国，我国的医学与健康、农业与食品安全、环境科学、卫生政策等问题颇受世界关注。为进一步促进我国生命科学实现跨越式创新发展， 也为展示我国科学家在生命科学领域的实力和创新性成果、促进多学科交叉融合、推动国际间的交流合作，本次会议将围绕生命科学、医药卫生、农业及环境等领域的基础研究、科技进展、科学普及、政策法规及伦理等方面展开研讨。本次大会目前已邀请到 14 位诺贝尔奖得主、3 位世界粮食奖得主、美国科学院院长、英国皇家科学院院长以及国际重要学术组织领导人参会，将是世界生命科学和中国生命科学界的一次盛会。

欢迎大家踊跃参加会议，会议网站：<http://www.wlsc2016.com/>

秘书处：马丽、张海波、唐思勤、刘玉琪

2016 World Life Science Conference

The China Association of Science and Technology (CAST) and the Chinese Union of Life Science Societies are organizing the 2016 World Life Science Conference from November 1-3, 2016 in Beijing, China. This conference will cover the latest and most exciting discoveries in basic research, technology development, government policies and science education in the areas of health, agriculture and environmental science. The conference is co-chaired by Prof. Qide Han, President of China Association of Science and Technology, and Prof. David Baltimore, the 1975 Nobel laureate in Physiology or Medicine.

As the world's second-largest economy, the Chinese government has been making considerable efforts to advocate technology innovation and promote technological development through scientific and technological structural reforms and generous financial support. China had a population of 1.37 billion at the end of 2015 and the key issues of health, agriculture, and environmental science have attracted global attention. In recent years, Chinese scientists have made significant progress and achieved many breakthroughs in the life sciences. In order to promote interdisciplinary communication with scientists worldwide and show the strength and innovative achievements of Chinese scientists in the life sciences, this conference reinforces the inextricable link between China and the world. We have currently confirmed the attendance of 14 Nobel laureates, 3 World Food Prize laureates, the President of the American Academy of Science, and the President of The Royal Society at the conference. Many leaders of international academic organizations and hundreds of outstanding scientists in the field of life sciences around the world will also be invited to attend.

We believe this cutting-edge life science conference will provide an excellent opportunity for participants from across the world to make fruitful connections, to exchange new ideas and share new knowledge, and to enjoy the beauty of science.

2016 世界生命科学大会分会主题

No	Topics	承办单位	建议人选	单位	联系方式
学术专题					
(1) 生物学类					
1	Structural biology 结构生物学	Biophysical Society of China 中国生物物理学会	Senfang Sui 隋森芳	Tsinghua University 清华大学	suisf@mail.tsinghua.edu.cn
			Ming Lei 雷鸣	Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences 中国科学院上海生命研究所	leim@sibcb.ac.cn 021-54921246
2	Neuroscience 神经科学	Chinese Neuroscience Society, Chinese Society For Anatomical Science 中国神经科学学会、中国解剖学会	Xu Zhang 张旭	Institute of Neuroscience, , Chinese Academy of Sciences 中国科学院神经科学研究所	xu.zhang@ion.ac.cn 021-54921726
			Yi Rao 饶毅	Peking University 北京大学	yrhao@pku.edu.cn
			Shumin Duan 段树民	Zhejiang University 浙江大学	duanshumin@zju.edu.cn
3	Synthetic biology 合成生物学	Chinese Society for Microbiology, Chinese Society of Biotechnology 中国微生物学会、中国生物工程学会	Guoping Zhao 赵国屏	Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences 中国科学院上海生命科学研究院	gpzhao@sibs.ac.cn
4	Bioengineering 生物工程学	Chinese Society of Biomedical Engineering 中国生物医学工程学会	Zonglai Jiang 姜宗来	Shanghai Jiao Tong University 上海交通大学	zljjiang@sjtu.edu.cn 021-3420-4863
5	Protein science 蛋白质科学	Chinese Society of Biochemistry and Molecular Biology 中国生物化学与分子生物学学会	Zengyi Chang 昌增益	Peking University 北京大学	changzy@pku.edu.cn 010-62758822
6	Cell Fate Determination 细胞命运决定	Chinese Society for Cell Biology 中国细胞生物学学会	Guoliang Xu 徐国良	Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences 中国科学院上海生命科学研究院	glxu@sibcb.ac.cn 021-54921332
7	Omics in Host-environmental Interactions	Chinese Society for Microbiology 中国微生物学会	Liping Zhao 赵立平	Shanghai Jiao Tong University 上海交通大学	lpzhao@sjtu.edu.cn

	宿主与环境相互作用组学				
8	Genome Biology 基因组生物学	Botanical Society of China, Genetics Society of China 中国植物学会, 中国遗传学会	Huanming Yang 杨焕明	BGI 华大基因	yanghm@genomics.org.cn 010-80494969
9	Genome Editing: Technology, Application and Ethics 基因组编辑: 技术、应用与伦理	Botanical Society of China, Genetics Society of China 中国植物学会, 中国遗传学会	Yangzhou Song 松阳洲	Sun Yat-sen University 中山大学	songyang@bcm.tmc.edu
10	Human Genetics and Genomics 人类遗传学与基因组学	Genetics Society of China 中国遗传学会	Zhongyi Wu 吴仲义	Beijing Institute of Genomics, Chinese Academy of Sciences 中国科学院北京基因组研究所	wuci@big.ac.cn
11	Computational and Systems Biology 计算与系统生物学	Chinese Society of Biochemistry and Molecular Biology, Genetics Society of China 中国生物化学与分子生物学学会、中国遗传学会	Chao Tang 汤超	Peking University 北京大学	tangc@pku.edu.cn
12	Epigenetics, Epigenomes 表观遗传学与表观基因组学	Chinese Society of Biochemistry and Molecular Biology, Genetics Society of China 中国生物化学与分子生物学学会、中国遗传学会	Ruiming Xu 许瑞明	Institute of Biophysics, Chinese Academy of Sciences 中国科学院生物物理研究所	rmxu@ibp.ac.cn 010-64888797
13	Genetic Programming 遗传编程	Chinese Association for Laboratory Animal Sciences 中国实验动物学会	Qi Zhou 周琪	Institute of Zoology, Chinese Academy of Sciences 中国科学院动物研究所	zhouqi@ioz.ac.cn 010-64807299
(2) 基础医学类					
14	Innate Immune Response and Inflammation 先天免疫反应与炎症	Chinese Society for Immunology 中国免疫学会	Feng Shao 邵峰	National Institute of Biological Sciences, Beijing 北京生命科学研究所	shaofeng@nibs.ac.cn 010-80726688-8560
15	Immunotherapy and Biotherapy 免疫治疗与生物治疗	Chinese Society for Immunology 中国免疫学会	Zhigang Tian 田志刚	University of Science and Technology of China 中国科技大学	tzg@ustc.edu.cn

16	Primary and Acquired Immunodeficiency 原发性与继发性免疫缺陷	Chinese Society for Immunology 中国免疫学会	Wenwei Tu 涂文伟	The University of Hong Kong 香港大学	wwtu@hkucc.hku.hk
17	Infection and Immunity 感染与免疫	Chinese Society for Immunology, Chinese Society for Microbiology 中国免疫学会、中国微生物学会	Hongbing Shu 舒红兵	Wuhan University 武汉大学	shuh@whu.edu.cn
18	Aging and Diseases 衰老与疾病	Chinese Neuroscience Society 中国神经科学学会	Junping Liu 刘俊平	Institute of Ageing Research, HangZhou University 杭州师范大学衰老研究所	jun-ping.liu@monash.edu 0571-28865725
19	Stem Cell and Regenerative Medicine 干细胞与再生医学	Chinese Society for Cell Biology, Chinese Society For Anatomical Science, Chinese Society of Biomedical Engineering 中国细胞生物学学会、中国解剖学会、中国生物医学工程学会	Gang Pei 裴刚	Tongji University 上海同济大学	gpei@sibs.ac.cn
			Duanqing Pei 裴端卿	Guangzhou Institute of Biomedicine and Health, Chinese Academy of Sciences 中国科学院广州生物医药与健康研究院	pei_duanqing@gibh.ac.cn
			Fanyi Zeng 曾凡一	Shanghai Jiao Tong University 上海交通大学	fzeng@sjtu.edu.cn 63846590-776667
20	Cell Death and Diseases 细胞死亡与疾病	Chinese Society for Cell Biology, Chinese Society of Biochemistry and Molecular Biology 中国细胞生物学学会、中国生物化学与分子生物学学会	Xiaodong Wang 王晓东	National Institute of Biological Sciences, Beijing 北京生命科学研究所	wangxiaodong@nibs.ac.cn 010-80726688
(3) 临床医学类					
21	Emerging Infectious Diseases 新发传染性疾病	Chinese Association for Laboratory Animal Science, Chinese Society for Microbiology 中国实验动物学会、中国微生物学会	Hong Tang 唐宏	Institute of Microbiology, Chinese Academy of Sciences 中国科学院微生物研究所	tanghong@moon.ibp.ac.cn

22	Carcinogenesis 肿瘤发生	Chinese Medical Association 中华医学会	Dongxin Lin 林东昕	Chinese Academy of Medical Sciences 中国医学科学院	lindx@cicams.ac.cn 010-67722460
23	Chronic Infectious Diseases 慢性传染性疾病	Chinese Society for Microbiology 中国微生物学会	Fusheng Wang 王福生	302 Military Hospital of China 302 医院	fswang302@163.com
24	Infection Disease and Global Health 传染性疾病与全球卫生	Chinese Society for Microbiology, Chinese Society for Immunology 中国微生物学会、 中国免疫学会	Fu Gao 高福	Institute of Microbiology, Chinese Academy of Sciences 中国科学院微生物研究所	gaof@im.ac.cn
25	Metabolic Regulation and Diseases 代谢调节与疾病	Chinese Society of Biochemistry and Molecular Biology, Biophysical Society of China, Chinese Association for Physiological Sciences 中国生物化学与分子生物学学会、 中国生物物理学会、 中国生理学会	Baoliang Song 宋保亮	College of Life Sciences at Wuhan University 武汉大学生命科学院	blsong@whu.edu.cn
			Peng Li 李蓬	School of Life Sciences, Tsinghua University 清华大学生命科学院	li-peng@mail.tsinghua.edu.cn 010-62797133
			Xian Wang 王宪	Peking University Health Science Center 北京大学医学部	xwang@bjmu.edu.cn 010-82801443
26	Clinical and Translational Science 临床与转化科学	Chinese Medical Association 中华医学会	Jie Qiao 乔杰	Peking University 北京大学	jie.qiao@263.net 010-82266699
		Chinese Association for Physiological Sciences 中国生理学会	Xiaomin Wang 王晓民	Capital Medical University 首都医科大学	xmwang@ccmu.edu.cn
27	Cancer Growth and Metastasis 肿瘤生长和转移	Chinese Anti-cancer Association 中国抗癌学会	Youyong Lu 吕有勇	Peking University 北京大学	youyonglu@sina.com 010-88196765
28	Precision Oncology 精准肿瘤学	Chinese Society of Clinical Oncology 中国临床肿瘤学会	Qimin Zhan 詹启敏	Chinese Academy of Medical Sciences 中国医学科学院	zhanqimin@pumc.edu.cn
29	Chronic Obstructive Pulmonary Diseases 慢性阻塞性肺疾病	Chinese Medical Association 中华医学会	Chen Wang 王辰	China-Japan Friendship Hospital 中日友好医院	cyh-birm@263.net
30	Prevention and Treatment of Diabetes 糖料病的预防与治疗	Chinese Medical Association 中华医学会	Guang Ning 宁光	Shanghai Jiao Tong University 上海交通大学	gning@sibs.ac.cn
31	Inflammation in	Chinese Medical	Lixin Jiang	FuWai Hospital, Chinese Academy	ixin.jiang@fwoxford.org

	Cardiovascular Diseases 炎症与心血管疾病	Association 中华医学会	蒋立新	of Medical Sciences 中国医学科学院阜外医院	
32	Rare Diseases: Diagnosis and Therapy 罕见疾病: 诊断与治疗	Chinese Medical Association, Genetics Society of China 中华医学会、中国遗传学会	Xue Zhang 张学	Chinese Academy of Medical Sciences 中国医学科学院	xuezhang@pumc.edu.cn
(4) 农业类					
33	Newly Developments of Agriculture 农业的新进展	Botanical Society of China 中国植物学会	Jianmin Wan 万建民	Chinese Academy of Agricultural Sciences 中国农业科学院	wanjm@njau.edu.cn
34	Plant Biology 植物生物学	Botanical Society of China, Chinese Society for Plant Biology, Genetics Society of China 中国植物学会、中国植物生理与植物分子生物学学会、中国遗传学会	Kang Chong 种康	Institute of Botany, Chinese Academy of Sciences 中国科学院植物研究所	chongk@ibcas.ac.cn 010-62836517
35	Sustainable Agriculture 可持续农业	Botanical Society of China 中国植物学会	Weicai Yang 杨维才	Institute of Genetics and Development Biology, Chinese Academy of Sciences 中国科学院遗传与发育生物学研究所	wcyang@genetics.ac.cn 010-64807761
36	Plant Development 植物发育	Botanical Society of China 中国植物学会	Bin Han 韩斌	Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences 中国科学院上海生命科学研究所以	bhan@ncgr.ac.cn 021-64845260
(5) 环境类					
37	Plant and Environment 植物与环境	Chinese Society for Plant Biology 中国植物生理与植物分子生物学学会	Bojie Fu 傅伯杰	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences 中国科学院生态环境研究中心	bfu@rcees.ac.cn 010-62923557
38	Environment and Prevention 环境与防治		Guangbiao Zhou 周光飏	Institute of Zoology, Chinese Academy of Sciences 中国科学院动物研究所	gbzhou@ioz.ac.cn 010-64807951
(6) 动物类					

39	Animal Geography and Systematics 动物地理学和分类学	China Zoological Society 中国动物学会	Fuming Lei 雷富民	Institute of Zoology, Chinese Academy of Sciences 中国科学院动物研究所	2016wlsc@ioz.ac.cn 010-64807159
			Xinzheng Li 李新正	Institute of Oceanology, Chinese Academy of Sciences 中国科学院海洋研究所	2016wlsc@ioz.ac.cn 0532-82898771
			Weibo Song 宋微波	Institute of Evolution & Marine Biodiversity, Ocean university of China	2016wlsc@ioz.ac.cn 0532-82032283
40	Animal Ecology: Patterns and Mechanisms 动物生态学：模式与机制	China Zoological Society 中国动物学会	Dehua Wang 王德华	Institute of Zoology, Chinese Academy of Sciences 中国科学院动物研究所	2016wlsc@ioz.ac.cn 010-64807073
			Zhengwang zhang 张正旺	School of Life Sciences, Beijing Normal University 北京师范大学生命科学学院	2016wlsc@ioz.ac.cn 010-58809666
			Weiguo Du 杜卫国	Institute of Zoology, Chinese Academy of Sciences 中国科学院动物研究所	2016wlsc@ioz.ac.cn 010-64806279

(7) 生物技术类

41	Nanobiotech 纳米生物技术	Biophysical Society of China 中国生物物理学会	Xiyun Yan 阎锡蕴	Institute of Biophysics, Chinese Academy of Sciences 中国科学院生物物理研究所	yanxy@sun5.ibp.ac.cn
42	Medical Imaging 医学成像	Chinese Society of Biomedical Engineering 中国生物医学工程学会	Qingming Luo 骆清铭	Huazhong University of Science and Technology 华中科技大学	qluo@mail.hust.edu.cn
43	Interventional Medicine 介入医学	Chinese Society of Biomedical Engineering 中国生物医学工程学会	Guangzhi Wang 王广志	Tsinghua University 清华大学	wgz-dea@tsinghua.edu.cn
44	Cell Imaging 细胞成像	Biophysical Society of China 中国生物物理学会	Tao Xu 徐涛	Institute of Biophysics, Chinese Academy of Sciences 中国科学院生物物理研究所	xutao@ibp.ac.cn 010-64888469

(8) 健康营养

45	Life Cycle and Health Sustainable Development 生命周期与健康的可持续发展	Chinese Nutrition Society 中国营养学会	Yan Chen 陈雁	Institute for Nutritional Sciences, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences 中国科学院上海生命科学研究院营养科学研	ychen3@sibs.ac.cn
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