

ICBS Board of Directors

Lixin Zhang: President



Prof. Lixin Zhang has recently moved from Chinese Academy of Sciences (CAS) to East China University of Science and Technology (ECUST) in Shanghai to serve as Director of State Key Laboratory of microbial fermentation. At CAS, Dr. Zhang was a Director of the Drug Discovery Center for Tuberculosis and Deputy Director of CAS Key Laboratory of Pathogenic Microbiology & Immunology at Institute of Microbiology (IMCAS). Before joining ECUST and IMCAS, Dr. Zhang served as president, section head of drug discovery and senior scientist, respectively, in three pharmaceutical biotech companies in USA: SynerZ, Cetek and Microbia, Inc. The long-term goal of his research is to discover and develop synergistic medicines from marine microbial natural products. He has published more than 200 papers and holds 40 patents. His Avermectin project won China national award for “Excellence to improve science and technologies”. He was invited as a plenary speaker for the 12th International Symposium on the Genetics of Industrial Microorganisms in 2013 and the 18th International Symposium on the Biology of Actinomycetes in 2017. He is the president of SLAS Asian Council (2015-6). He successfully organized international symposia such as the inaugural conference of BISMis, and “China-U.S. NIH-IOM TB Drug Discovery Forum: Exploring Opportunities for Research Collaboration” in Beijing. He was recognized as the Excellent Supervisor of CAS in 2011 and as an Awardee for National Distinguished Young Scholar Program, China. He was awarded the Chief Scientist of a “973 Program” in 2012 (the largest basic science consortium grant in China) and “2014 Roche Young Investigator Award. He co-edited a book with Prof. Arnold Demain on natural products by Humana Press. He is appointed as the founding Editor-in-Chief for “Synthetic and Systems Biotechnology”; and an associate Editor-in-Chief for “Applied Microbiology and Biotechnology”, and “Frontiers in Antimicrobials, Resistance and Chemotherapy. He is awarded as a visiting Professor in Cornell University (2012-4) and Harvard University (2013-5) and an advisor (2014-5) in Manchester Institute of Biotechnology. He has trained more than 50 postdocs, Ph.D. and master students from more than 10 different countries. Dr. Zhang joined ICBS as a founding member of its Board of Directors and has devoted his effort in promoting interactions and collaborations among global chemical biologists. Dr. Zhang currently serves as President of ICBS.

URL <http://zhanglab.caspmi.cn/>

Major publications:

1. Wang et al. 2013. *Angew. Chem.-Int. Edit.* 52, 1231-1234.
2. Yan et al. 2015. *Nature*, 527: 539–543.
3. Zhang et al. 2007. *Proc. Natl. Acad. Sci*, 104(11): 4606-11
4. Zhuo et al. 2010. *Proc. Natl. Acad. Sci*, 107(25): 11250-11254
5. Ashforth et al. 2010. *Nat Prod Rep*, 27: 1709-1719
6. Bai et al. 2015. *Proc. Natl. Acad. Sci*, 112 (39), 12181-6.