



Introduction

The School of Life Sciences and Biotechnology (SLSB) of Shanghai Jiao Tong University (SJTU) was jointly founded by SJTU and the Chinese Academy of Sciences (Shanghai Branch) in February 1997. The Sub-disciplines in Biology in SLSB includes Biochemistry and Molecular Biology, Genetics, Microbiology, Developmental Biology, Cell Biology, Bioinformatics, Bio-engineering, etc. Our school trains undergraduates in three specialties, including Biological Sciences, Biotechnology, and Bio-engineering, while providing students with cross-discipline training such as the Bioinformatics. The SLSB has two state personnel training bases for Life Sciences and Biotechnology, and Biological Science, two Education Ministry special majors: Biotechnology and Bioengineering, and a Municipal Life Science Experimental Teaching Demonstration Center. Currently, there are two state key academic programs at sub-discipline level and three Shanghai key academic programs at sub-discipline level. The sub-disciplines in our university, such as Biology and Biochemistry, Molecular Biology and Genetics, Microbiology, Animal and Plant Science, have entered top 1% in ESI International Rankings.

School of Life Sciences and Biotechnology

First-level Discipline

Domain of Research

Biology

Microbiology, Genetics, Developmental Biology, Biochemistry and Molecular Biology, Biophysics, Bioinformatics, Biochemical Engineering, Bioengineering.

Overview of Faculty

SLSB has a proficient and competent team of teaching and research with 123 members including 40 professors and 55 associate professors. The SLSB has two members of the Chinese Academy of Sciences, one recipient of the Thousand Talents Plan, seven Cheung Kong Scholar chair professors, seven winners of the National Outstanding Youth Fund, three Chief Scientists of the Major National Basic Research Project (973 Project), and one National Outstanding Teacher. We also have a number of scholars with outstanding scholarships and academic achievements as well as a group of young academic leaders standing at the frontier of scientific research.



Achievements

From 2011 to 2014, SLSB hosted or participated in 996 fund programs including 54 of the "863 Project" of MOST, 81 of the "973 Project", 4 of the innovation research groups of NSFC, 11 of the international (regional) cooperation and exchange programs, 1 project of National Youth Science Fund, 7 projects of Outstanding Youth Fund, 2 major research plans of MOST, 6 major special scientific instruments and equipment development plans of MOST, 9 major projects of NSFC, 26 major special projects of MOST, 42 key projects of NSFC, 10 key projects for Basic Research of Shanghai Science Committee, 9 key research projects funded by Ministry of Education. 593 SCI papers have been published in main periodicals such as Cell, Nature Genetics, Nature Chemical Biology, Nature Cell Biology, Nature Communications, PNAS, Developmental Cell, Genes & Development, Plant Cell, Journal of the American Chemical Society, Angewandte Chemie International Edition, PLoS Genetics, and Molecular Microbiology. Professor ZHONG Jianjiang works as an editor-in-chief of Biotechnology and Applied Biochemistry (IF:1.534) and Process Biochemistry (IF: 2.627). Professor WEI Dongqing serves as an editor of Interdisciplinary Science-Computational Life Sciences. SLSB has won many academic awards including the 1st prize of the Natural Science of Ministry of Education, the 2nd prize of scientific and technological progress of Ministry of Education, Shanghai MuDan Award for Fundamental Science, He Liang He Li Award and Shanghai Meritorious Staff Award, etc.



Renowned Professors

Name	Introduction
DENG Zixin	Chinese Academy of Sciences Member
HE Lin	Chinese Academy of Sciences Member
MA Xiaojing	Member of the Thousand Talents Plan of the ODCC
ZHONG Jianjiang	Distinguished professor of Chang Jiang Scholar Winner of Outstanding Young Investigator Award
ZHANG Dabing	Distinguished professor of Chang Jiang Scholar Winner of Outstanding Young Investigator Award
SHI Yongyong	Distinguished professor of Chang Jiang Scholar Winner of Outstanding Young Investigator Award
XIAO Xiang	Winner of Outstanding Young Investigator Award
LIN Shuangjun	Winner of Outstanding Young Investigator Award
LI Baojie	Distinguished professor of Chang Jiang Scholar
SUN Tao	Member of the Thousand Talents Plan of Shanghai
LV Hui	Member of the Thousand Talents Plan of Shanghai
FENG Yan	973 Chief Scientist
WU Ji	973 Chief Scientist
GUO Xizhi	973 Chief Scientist
XU Ping	Shanghai Jiao Tong University Distinguished Professor
ZHOU Ningyi	Shanghai Jiao Tong University Distinguished Professor
BAI Fengwu	Shanghai Jiao Tong University Distinguished Professor

Platforms for Scientific Innovation

- > The State Key Laboratory of Microbial Metabolism
- > Education Ministry Key Laboratory for studies of Genetics of Developmental and Neuropsychiatric Disorders
- > Joint international research laboratory of Metabolic & Developmental Sciences
- > National Center for Molecular Characterization of Genetically Modified Organisms
- > Bio-X Institute
- > Mechanical Biological Institute
- > Marine Microbiology Institute
- > Cellular Immunology Institute

Contact

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