构建一流的人才队伍
To Assemble the First-class Team of Talents

开展一流的原创性研究
To Conduct the First-class Original Research

打造一流的生命科学研究基地
To Build the First-class Base of Life Science Research
目录 CONTENTS

浙江大学概况
Overview of ZJU
01-02

研究院简介
About LSI
03-06

师资队伍
Faculty
07-11

科学研究
Research
12-14

研究生教育
Education
15-16

合作交流
Communications
17-19

研究院生活
Life at LSI
20-21
浙江大学概况  Overview of ZJU

浙江大学是一所历史悠久、声名卓著的高等学府，坐落于中国历史文化名城、风景旅游胜地杭州。浙江大学的前身是创建于1897年的求是书院。经过一百多年的发展，浙江大学始终坚持“求是创新”的校训，形成了以“求是创新”为校训的优良传统。

浙江大学是一所特色鲜明、在国内外有较大影响的综合性大学，其学科涵盖哲学、经济学、法学、教育学、文学、历史学、理学、工学、农学、医学、管理学等十二大学科。学校设有7个学部，36个学院（系），1个工程学院，2个中外合作办学学院，7个附属医院，拥有一级学科国家重点学科14个，二级学科国家重点学科12个。

2018年1月，浙江大学有18个学科进入世界学术机构前1%，7个学科进入世界前100位，居全国高校第二。8个学科进入世界前1%，5个学科进入世界前50位，居全国高校第一。

浙江大学注重科研学术和科技创新，建设了一批开放性、国际化的高端学术平台，汇聚了各学科的杰出大师和高水平研究团队。近年来，发表权威学术期刊论文，获得多项国家发明专利等各类科学研究成果显著，为科技创新和社会发展作出了重要贡献。

学校设有紫金港、玉泉、西溪、华家池、之江、舟山、海宁等7个校区，占地面积4503741平方米，校舍总建筑面积2047856平方米。图书馆总藏书量883万册，建有7家附属医院。

Located in the city packed fully with historic charm and picturesque natural beauty, Hangzhou, Zhejiang University (ZJU) is a prestigious institution of higher education with a long tradition. Qushu Academy, the predecessor of ZJU, founded in 1897, was one of the earliest modern academies of higher learning in China. In its 120-year history, ZJU has always been committed to cultivating talents with excellence, advancing sciences and technology, and serving for the society, promoting culture, embodying the spirit of the University Motto “Seeking the Truth and Pursuing Innovation”.

Zhejiang University is a world-class comprehensive research university with distinguished characteristics. Research at ZJU spans twelve disciplines, covering philosophy, economics, law, education, literature, history, arts, sciences, engineering, agriculture, medicine, and management. ZJU is comprised of seven faculties and thirty-six colleges/schools/departments, one Engineering College, two Sino-foreign cooperative schools, and seven affiliated hospitals. Among its fourteen primary and twenty-one secondary national leading academic disciplines, eighteen rank top 1% in the world, seven in the world’s top 100, making ZJU the second among all universities in China.

According to ESI, as of January 2018, ZJU has eight disciplines listed in the world’s top 0.1%, five in the world’s top 50, making ZJU by this category No. 1 in China.

Zhejiang University is focused on academic research and technology innovation. It has launched a number of open, international high-end academic platforms, and brought together scholars, masters, and high-level research teams in various disciplines. In recent years, ZJU maintains a leading position in China by research and innovation indexes such as academic publications and patents, and has made multitudes of important achievements in sciences, technology, humanities, and social sciences.

Zhejiang University always takes initiative in catering for national and regional needs, and strives itself to become an influential source of innovation and a pool of talents.

Zhejiang University is comprised of seven campuses, Zijingang, Yuquan, Xixi, Huajiang, Zhijiang, Zhoushan, and Haoting, with a total level area of 4.5 million square meters (over 1100 acres), over 2 million square meters (22 million square feet) of construction area.
研究院简介  About LSI

2009年10月，为实现生命科学学科的跨越式发展、推进世界一流大学的建设，浙江大学成立了首个海外高层次人才创新创业基地——浙江大学生命科学研究院。

生研院作为开放性、国际化的高端学术平台，在校长直接领导下，采用国际化的管理与运行模式，实行院长负责制和PI聘任制，在学校授权范围内，具有相对独立的学术、人事、财务自主权和创新型的研究生培养体系。研究院聘请多位国际著名科学家组成科学指导委员会，对引进人才进行学术评估，为研究院的发展提供咨询建议。

研究院瞄准国际生命科学前沿，针对国计民生重大需求，致力于揭示生命现象的基本规律及其与人类健康相关的创新性研究。

生研院以“建设一流的人才队伍，开展一流的原创性研究，打造一流的生命科学研究中心”为使命，立足于国家战略发展需求，面向世界生命科学研究，努力打造成高起点、国际化、现代化的开放式学术创新平台，成为我国生命科学领域的高水平科学研究和高层次人才培养的重要基地。

The Life Sciences Institute of Zhejiang University (LSI-ZJU) was founded in October 2009, as the first special academic unit and an innovation and entrepreneurship base for overseas talents. As a driving force behind the accelerated development of life science research, LSI is an important constituent of ZJU’s strategic plan toward becoming a world-class university.

Under the direct supervision of ZJU President and the executive management by the Institute Director, LSI adopts a tenure-track Principal Investigator (PI) system and operates by international standards, featuring an innovation-oriented graduate training program and unparalleled freedom within the university in research, personnel and finance. The Scientific Advisory Board of LSI, comprised of world-renowned biological scientists, offers consultations on PI recruitment and institutional development.

LSI aims at the forefront of life sciences and particularly promotes original studies on fundamental biological questions with impacts on human health.

Committed to pursuing "the best researchers, the best science and the best research environment", LSI strives to serve as an international academic platform for high-quality, cutting-edge biomedical research, and to become a top research and training base of life sciences in China.
**发展历程 Landmarks**

### Jun. 2008

浙江大学数位海外知名校友联名向母校提交《关于组建浙江大学生命科学研究院和加强生物学体系建设的建议书》。

A petition for "establishing the Life Sciences Institute and building a stronger Department of Biology" was submitted by several distinguished alumni from overseas, to the leadership of ZJU.

### Jan. 2009

浙江大学在《人民日报海外版》刊登生命科学研究院院长和研究人员全球公开招聘广告。

Global recruitment of the Director and the faculty at LSI-ZJU was announced in the People's Daily Overseas Edition.

### Oct. 2009

浙江大学生命科学研究院正式成立，浙江大学任命冯新华担任院长、樊映担任共同院长。

LSI-ZJU was established, with Dr. Xin-Hua Feng appointed as the Director, and Dr. Kun-Liang Guan as the Co-Director.

### Apr. 2011

经过一年半的试运行，浙江大学生命科学研究院正式举行开院仪式。

The opening ceremony of LSI-ZJU was held.

### Dec. 2014

浙江大学生命科学研究院顺利完成一期建设国际评估。

LSI-ZJU successfully passed its first international evaluation.
师资队伍 Faculty

国际化招聘 International Recruitment

海外招聘宣讲 Overseas Faculty Recruitment Tour

预聘制 Tenure-Track System

实验室建设 Laboratory Construction
基金申请 Grant Application
研究生培养 Graduate Training
科学研究 Scientific Research
教育教学 Education and Teaching
科研服务 Scientific Research Service

PI名录 PI List

首席研究员 Distinguished Investigator

资深研究员 Senior Investigator

实验室建设 Laboratory Set Up
中期考核 Mid-term Evaluation
终期考核 Tenure Promotion Evaluation

资深研究员 Senior Investigator
学术带头人 Academic Leader
科学研究 Scientific Research

瞄准学科前沿、国计民生，战略布局干细胞与再生医学、癌症发生与精准治疗、感染与炎症等研究方向。从基因编辑、蛋白质机器与细胞命运调控等水平上进行研究，为解析重大疾病的致病机理和分子机制，提供科学支撑和理论依据。

We aim at the frontiers of the disciplines, and the needs of the national economy and people’s livelihood, and strategically plan research directions such as stem cell and regenerative medicine, cancer and accurate treatment, infection and inflammation. We conduct research at the levels of gene editing, protein machinery and regulation of cell fate to provide conceptual guidance and technical support for elucidating pathogenic the molecular and pathological for major diseases mechanism.

据统计，国际前沿生命科学研究方向，成立五个研究中心。

Focusing on frontiers of life science research, LSll has established five research centers.

- **癌症生物学研究中心**
  Center for Cancer Biology

- **再生医学研究中心**
  Center for Regenerative Medicine

- **炎症生物学研究中心**
  Center for Inflammation Research

- **系统生物学研究中心**
  Center for Systems Biology

- **结构生物学研究中心**
  Center for Structural Biology

统计至2018年3月 (Till to March 2018)
共享技术服务平台 Core Facilities

The core facilities are comprised of the platforms for Molecular Biology Platform, Cell Biology Platform, Structural Biology Platform, and the centers for Model Animal Center, Library Center.

科研文章 Research Publications

The average impact factor is above 9.2 with significant achievements in the fields of cell division, organ development, maintenance of female fertility and macromolecular structure.

科研经费 Grants

By the end of 2017, LSI has won research grants at the national, provincial and ministerial levels, including The National Key Research and Development Program Of China, National Program on Key Basic Research Project, and National Natural Science Foundation of China (NSFC) with a total sum over 220 million CNY.
研究生教育 Education

对镓国际一流大学先进的教育经验，形成与国际接轨的创新型研究生培养模式，致力于培养具有科研创新能力的研究型人才。

By integrating the advanced education experience of world-class universities, LSI aims at building innovative training model to cultivate creative research talents.

多渠道招收优质生源
Multiple venues for high-quality students recruitment.

加强培养过程管理
Students at LSI progress through stages of laboratory rotation, oral exam of dissertation proposal, mid-term evaluation, and thesis defense under the mentoring of research supervisor and thesis committees.

设置标准严格、形式灵活的评价体系
High-standard and flexible evaluation system.

研究院毕业生去向
Successful Career Development after graduation from LSI.

硕士毕业生去向统计图
Career choices of Master’s degree awardees

博士毕业生去向统计图
Career choices of Ph.D. degree awardees
communications

以学术为导向，多渠道交流，深层次合作
LSI actively promotes academic collaborations and communications at all levels and via diverse routes.

学术系列讲座 LSI Seminar Series

对话期刊编委 Panel discussion with Journal Editors

国际学术会议 International Academic Conferences

1. Emile Marcus, Chief Editor of Cell
2. Xiaohong Yang, Senior Editor of Cancer Cell
3. Valda Vision, Deputy Editor of Science
4. Zhe Wang, Editor of JEM

1. Ray Wu Symposium
2. Symposium on Frontiers of Life Science
3. TGF-β Signaling and Diseases Symposium
4. Forum on Protein Modification by Ubiquitin and Ubiquitin-like Molecules in Health and Disease
院内互动  In House Communications

1. Annual Academic Meeting
2. Retreat
3. Faculty Club
4. Lunch Meeting

研究所生活  Life at LSI

兄弟单位合作  Institutional Collaborations

1. Newcastle University
2. University of Southampton
3. Xiamen University & USTC & SIBCB
4. Peking University
杭州 Hangzhou

历经良渚文化、吴越文化、南宋文化和明清文化的历史文化重镇
A historic and cultural hub that has undergone stages of Liangzhu Culture, Wuyue Culture, Southern Song Culture and Ming and Qing Culture
一个风景旅游地和商贸中心 A great scenery attraction and a business center
一座创新活力之城和生态文明之都 A city of innovation and ecological civilization
国内首个全球学习型城市网络城市 The first global learning network city in China
连续十年被评为"中国最具幸福感的城市" Voted as "China's Happiest City" for ten consecutive years