

# 浙江大学爱丁堡大学联合学院

Zhejiang University - University of Edinburgh Institute

2023年 年报

## 2023 Annual Report



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**ZJE** 浙江大学爱丁堡大学联合学院  
ZJU-UoE INSTITUTE



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# 学院概况 About Us

浙江大学爱丁堡大学联合学院 (Zhejiang University-University of Edinburgh Institute, ZJE) 是浙江大学和英国爱丁堡大学合作设立的非独立法人中外合作办学机构。学院扎根中国大地，融合东西方教育理念，依托学校多学科综合性优势，面向未来开展生命健康领域前沿基础研究，实施疾病诊疗的尖端科技研发，以“全人培养，全球浸染、全链实践”为理念培养医学复合型拔尖创新人才。

学院汇聚国际一流师资，设有生物医学、生物信息学双学位本科专业2个，浙大单学位及爱大单学位硕、博士研究生，浙大爱大双学位博士研究生等研究生项目5个。截止2023年12月，学院在册本科生543人（含国际留学生7人），研究生210人（含国际留学生11人）。

The Zhejiang University-University of Edinburgh Institute (ZJE) is a collaboration in the field of Biomedical Sciences between Zhejiang University in China and The University of Edinburgh in Scotland, United Kingdom. ZJE takes root in China, integrates Eastern and Western educational concepts, relies on the comprehensive advantages of multiple disciplines, carries out cutting-edge basic research in the field of life and health in the future, implements research and development of cutting-edge technologies in disease diagnosis and treatment, and cultivates top-notch innovative medical compound talents with the concept of "whole-person cultivation, global immersion and whole-chain practice."

ZJE brings together world-class faculty, has two dual-degree undergraduate programmes of biomedical science and biomedical informatics, five postgraduate programmes. Upon December 2023, there are 543 undergraduates (including 7 international students) and 210 Postgraduate students (including 11 international students).

## | 领导 Leadership



**柯越海 Yuehai Ke**  
院长 Dean

全面主持学院各项工作。

负责学院发展战略和规划、安全稳定、人才引进、财务、国内国际合作、校友、学科建设等方面工作。

分管综合办公室。

Responsibilities: ZJE overall operation, ZJE strategy and development, ZJE safety management, faculty recruitment, career development and assessment, financial management, domestic and international cooperation, alumni network, development of discipline, management of relations with local bodies, hospitals and Haining city and business park.

Chair Deans group; Co-Chair UK China Joint Institute Alliance; Co-Chair Faculty meetings (research and entrepreneurship & UG and PG affairs).

Supervisory role: administrative office



**Sue Welburn**  
执行院长 Executive Dean

负责与爱丁堡大学的合作协调、学院发展规划、国际师资引育、本研双学位项目教育教学，爱丁堡大学单学位研究生项目、国际招生、国际科研合作与技术转化、爱丁堡大学校友联络等工作。

分管教育教学组，共同分管综合办公室。

Responsibilities: ZJE strategy and development planning, financial planning; faculty recruitment and annual assessment; dual award undergraduate and postgraduate programmes; UoE single degree postgraduate programmes; international student recruitment; international research collaboration and translation; student exchange and faculty training programmes with UoE, alumni network.

Chair ZJE executive; PG working group; organiser faculty meetings; Chair UK China Joint Institute Alliance; Co-Chair Faculty meetings (research and entrepreneurship & UG and PG affairs).

Co-supervisory role: Administrative office; teaching affair working group.



**叶治国 Zhiguo Ye**  
副院长 Vice Dean

主持学院党务工作。

负责纪检监察、宣传、学生思政与学生事务、行政团队管理等方面工作，协助分管财务、校友、本科生招生等工作。

分管综合组、学生工作组。

Responsibilities: party affairs and administration of ZJE; inspection and monitoring; marketing and media: advertisement, newsletters; student affairs management; administrative staff recruitment and management and annual assessment; budget management: development and adherence to agreed financial plan; external awards, scholarship allocation; management of alumni network, undergraduate recruitment; undergraduate student quota managing.

Supervisory role: general affairs working group, student affairs working group.



**徐素宏 Suhong Xu**  
副院长 Vice Dean

负责本科生招生及培养、科研等方面工作，协助分管人才引进、学科建设、研究生招生及培养等工作。

分管教育教学组、科研与支撑组。

Responsibilities: undergraduate programmes and national student recruitment; research affairs: centre development, space allocation and development of core facility; assisting in talent recruitment, career development and grantsmanship, disciplinary development; national postgraduate recruitment and programme

Supervisory role: teaching affairs working group, research and support working group.

**| 领导 Leadership**



**Mikael Bjorklund**  
院长助理 Assistant Dean

协助做好外籍师资引育、双学位博士项目、爱丁堡大学单学位研究生项目管理等工作。

Responsibilities: assisting in international faculty recruitment and career development; dual PhD programme; UoE single postgraduate programmes.



**陈迪 Di Chen**  
院长助理 Assistant Dean

协助做好本科生教育教学等工作。

Responsibilities: assisting in undergraduate programme and undergraduate teaching affairs.



**刘琬璐 Wanlu Liu**  
院长助理 Assistant Dean

协助做好科研管理等工作。

Responsibilities: assisting in research affairs.



# 人才队伍 Academic Team



学院按照浙江大学和爱丁堡大学标准建设一流师资队伍，现有全职师资33人，包括求是特聘教授3人，国家高层次人才特殊支持计划科技创新领军人才1人，国家自然科学基金优秀青年科学基金项目（海外）1人。在引进全职人才的同时，学院进一步丰富柔性引才手段，推进兼任教师队伍发展，现有爱丁堡大学兼聘师资14人，浙江大学兼聘师资15人，外籍教师占比42%，不仅为学院人才培养提供保障，也为促进科研交叉、校企合作以及构建国际战略合作渠道提供了助力。

Our faculty comprises distinguished professors, renowned experts, seasoned senior teaching fellows, and exceptional young scholars hailing from Zhejiang University, the University of Edinburgh, and across the globe. Currently, we boast a full-time faculty team of 33 members.

ZJE has pioneered flexible talent acquisition methods, facilitating the development of adjunct faculty. Presently, we have 14 adjunct faculty members from the University of Edinburgh and 15 adjunct faculty members from Zhejiang University. This initiative not only ensures the cultivation of talent within the institution but also establishes pathways and provides support for fostering cross-disciplinary collaboration in scientific research, university-industry partnerships, and the formation of international strategic alliances.

新进师资 ZJE new faculty members



**周民 Min Zhou**  
教授 Professor

研究领域：转化医学  
Research Field:  
Translational Medicine



**陈迪 Di Chen**  
副教授 Associate Professor

研究领域：细胞生物学  
Research Field: Cell Biology



**周卓龙 Zhuolong Zhou**  
研究员 Assistant Professor

研究领域：生物化学和分子生物学  
Research Field: Biochemistry and  
Molecular Biology



**Alessandro Bonfini**  
研究员 Assistant Professor

研究领域：干细胞与肿瘤生物学  
Research Field: Stem Cells and  
Tumor Biology



**迟颖 Ying Chi**  
副教授 Associate Professor

研究领域：生医智能  
Research Field:  
Biomedical Science Intelligence



**金银花 Yinhua Jin**  
研究员 Assistant Professor

研究领域：干细胞与再生医学  
Research Field: Stem Cell and  
Regenerative Medicine



**Angelica Foggetti**  
研究员 Assistant Professor

研究领域：神经生物学  
Research Field: Neurobiology



**Martin Kosar**  
研究员 Assistant Professor

研究领域：癌症生物学  
Research Field: Cancer Biology

# 教育教学 Education

## 本科生培养 Undergraduate

学院积极探索本科教学管理模式的升级，持续规范教学实施计划和教学质量监控体系，结合科研训练，培养自主学习，协同学生工作完善学业帮扶；各类教学例会实时把控教学进程，全方位、多维度，稳步提高教学质量。

2023年度共运行2022-23学年春夏学期及2023-24学年秋冬学期合计本科4年级31门课程；参讲师资包括ZJE21人、UoE17人、ZJU103人及ZJUI5人，合计146人。

根据毕业生和学生教师联席会反馈，将生物信息学培养方案和专业课程内容优化立项为本年度中层领导干部主题教育调研课题。学院与合作方教学团队积极协商，将2023级新生的教学内容提升优化，并于同年九月实施，侧重生物统计学并添加了线性代数等内容。高年级选修课和内容模块变动将于2024-2025学年实施。

ZJE has actively pursued advancements in undergraduate teaching management, consolidating our commitment to course delivery responsibilities. We have optimized our teaching quality assurance system, continually refining relevant teaching regulations, resulting in commendable outcomes.

In the academic year spanning 2022-23 and 2023-24, a total of 31 courses were offered across the spring-summer and autumn-winter semesters. These courses engaged 146 instructors, comprising 21 from ZJE, 17 from the University of Edinburgh, 103 from other schools within the main campus, and 5 from ZJUI.

One of the key focal points for our undergraduate programme in 2023 was the adaptation of the Biomedical Informatics curriculum based on feedback received from the SSLC (Student-Staff Liaison Committee) and graduates. Beginning in September 2023, the mathematics curriculum underwent enhancements, incorporating additional content on linear algebra and statistics. Furthermore, senior elective courses and content modules are slated for modification by the 2024-2025 academic year.

## 招生 Enrollment

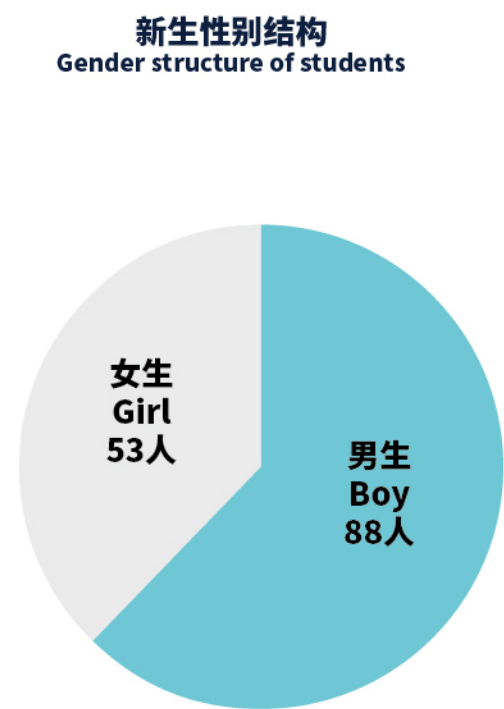
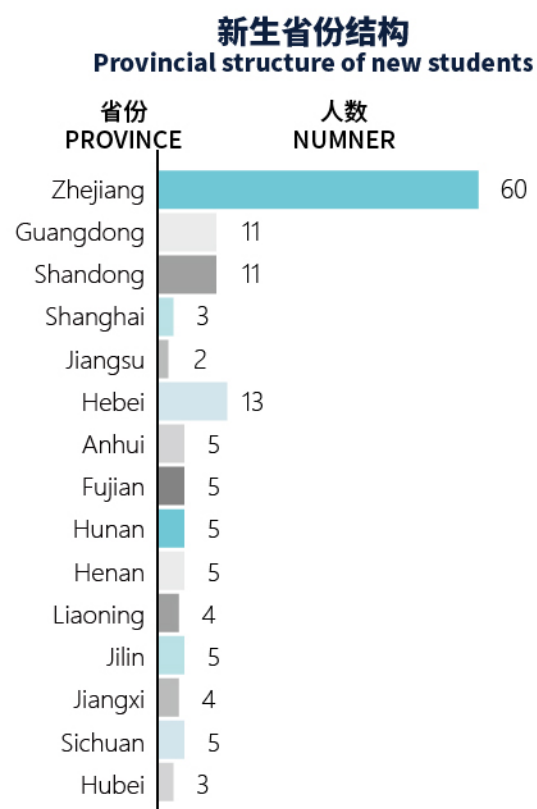
学院顺利完成第八届本科生录取工作并取得好成绩。招生人数达新高，接近教育部批准满额指标。通过单列招生和综合评价模式，共在浙江、河北、广东和山东等15个省市录取143名中国籍学生，报到141人。另有国际生2人，均来自于马来西亚。

ZJE has achieved a significant milestone by successfully concluding the recruitment process for the eighth cohort of undergraduate students. Despite the challenges posed by the ongoing impact of the COVID-19 pandemic, we have managed to attain an overall improvement.



In total, 143 individuals were recruited from 15 Chinese provinces and abroad, with 141 of them completing registration. Besides them, we are proud to welcome 2 international students from Malaysia into our vibrant community.

In recognition of the dedication and outstanding achievements in undergraduate recruitment, the International Campus has honored 5 excellent groups and 7 individuals with awards. Besides, ZJE has awarded 3 excellent groups and 4 individuals for their exceptional contributions to the recruitment efforts.



**\* 招生先进奖**

本年度共评选出校区先进集体五个、先进个人七人，学院招生优秀小组三个，先进个人四人。

校区先进集体：杭州一组 山东组 上海组 湖南组 河北组

校区先进个人：卫宣同、王瑞东、朱珠、孟令锋、黄雯雯、黄晓涵、谢昕

ZJE招生优秀小组：广东招生组、辽宁招生组和吉林招生组

ZJE招生先进个人：刘坚、邱维维、金银花、贾玲燕

To acknowledge the hardworking and achievement of undergraduate recruitment, International campus awarded 5 excellent groups and 7 individuals, and ZJE awarded 3 excellent groups and 4 individuals.

Campus Excellent Recruitment Group: Hangzhou group, Shandong Group, Shanghai Group, Hunan Group, Hebei Group

Campus advanced individuals: Xuantong Wei, Ruidong Wang, Zhu Zhu, Lingfeng Meng, Wenwen Huang, Xiaohan Huang, Xin Xie

ZJE excellent recruitment group: Guangdong Group, Liaoning Group and Jilin Group

ZJE excellent individuals: Jian Liu, Weiwei Qiu, Yinhua Jin, Lingyan Jia

**| 毕业 Graduate**

2023年毕业本科生91人，其中生物医学专业65人（含1名留学生和5名临床医学八年制生），生物信息学专业26人。所有毕业生均顺利获得浙江大学学位，其中获得爱丁堡大学荣誉一等学士学位19人，荣誉二等一学位58人，荣誉二等二学位13人，普通学位1人。毕业深造率84%（海外：国内1.8:1），推免比例28%，奖学金博士录取率48%，TOP20世界名校(QS2023)录取率44%。

Among the 91 graduates from ZJE in 2023, a remarkable 84% of them have opted to pursue further studies, with a ratio of 1.8:1 favoring overseas destinations over domestic ones. Notably, 28% of these graduates who continued their studies successfully obtained qualifications exempting them from the National Postgraduate Entrance Examination, while 48% were accepted into prestigious doctoral programmes. Impressively, 44% of them secured admission to universities ranked within the TOP20 according to QS2023 rankings.

Furthermore, 19 individuals (20.9%) attained a first-class honors bachelor's degree from the University of Edinburgh, while 58 individuals (63.7%) achieved a second-class honors bachelor's degree, showcasing the academic excellence and accomplishments of our graduates.

**| 科研训练 Research Training**

学院本科生年度以第一作者发表论文8篇，以共同作者参与发表10篇。42组115名学生完成第六期SRTP科研训练项目自主选题并顺利通过开题答辩、中期检查，获得国家级立项3项，省级立项4项，校级立项10项，院级立项25项，共获学校与学院相关部门经费资助8.37万元。

This year, ZJE undergraduates published a total of 8 papers as the first author, another 10 papers were published as co-authors. In 2023 ZJU SRTP (Student Research Training Program), ZJE students obtained 3 national level projects, 4 provincial level projects, 10 ZJU-level projects, 25 ZJE level projects and obtained 83,700 yuan of research funds issued by ZJU.

部分发表文章 Publication list

姓名 Author	论文标题 Title	杂志名称 Journal
Xinyi Cai	The essential roles of small non-coding RNAs and RNA modifications in normal and malignant hematopoiesis	Frontiers in Molecular Biosciences
Zihao hu	Evaluation of ten different pipelines for bacterial single-nucleotide variant (SNV) detection	Infectious Microbes & Diseases
Ye Sun	Cytoplasmic DNAs Sources, sensing, and roles in the development of lung inflammatory diseases and cancer	Frontier In Immunology
Xintong He	Cytoplasmic DNAs Sources, sensing, and roles in the development of lung inflammatory diseases and cancer	Frontier In Immunology
Jianzhang Lu	Cytoplasmic DNAs Sources, sensing, and roles in the development of lung inflammatory diseases and cancer	Frontier In Immunology
Jianzhang Lu	Exploration of the product specificity of chitosanase CsnMY002 and its mutant using molecular dynamics simulations	Molecules
Yuefeng Wu	Deep Learning Identifies HAT1 as a Morphological Regulator in Esophageal Squamous Carcinoma Cells through Controlling Cell Senescence	Advanced Intelligent Systems
Qianzhe Zhu	Integrated Osteoinductive Factors—Exosome@MicroRNA-26a Hydrogel Enhances Bone Regeneration	ACS Applied Materials & Interfaces
Wanying Zhang	Inflammation and aging: signalling pathways and intervention therapies	Signal transduction and targeted therapy
Chentao Li	Inflammation and aging: signalling pathways and intervention therapies	Signal transduction and targeted therapy

荣誉 Honour

2022-2023学年我院本科学子共获得：国家奖学金6人，浙江省政府奖学金21人，小米奖学金1人，浙江大学奖学金127人（一等18人，二等31人，三等78人），浙江大学优秀学生34人，浙江大学“标兵”系列荣誉称号316人，学院学业奖学金133人（一等11人，二等31人，三等58人，学业优秀奖学金33人）。

In the academic year of 2022-2023, ZJE students has won 6 national scholarships, 21 Zhejiang provincial government scholarships, 1 Xiaomi student scholarship, 127 Zhejiang University Scholarships (18 first-class, 31 second-class, and 78 third-class students), 34 outstanding students of Zhejiang University, 316 honorary titles of "model" of Zhejiang University, and 133 academic scholarship of ZJE (11 first-class, 31 second-class, 58 third-class and 33 academic excellent).

These honors exemplify the dedication, commitment, and excellence demonstrated by ZJE students in their academic pursuits.

荣誉名称 Awards	姓名 Name
国家奖学金 National Scholarship	孙也 Ye Sun
	黄雨彤 Yutong Huang
	周子誉 Ziyu Zhou
	刘鉴澈 Jianche Liu
	嵇姝涵 Shuhan Ji
	杨一均 Yijun Yang
	王雨菲 Yufei Wang
	卢建璋 Jianzhang Lu
	叶力源 Liyuan Ye
	劳舒璇 Shuxuan Lao
浙江省政府奖学金 Zhejiang Province Scholarship	夏梓喻 Ziyu Xia
	朱昕露 Xinlu Zhu
	华潇枫 Xiaofeng Hua
	旷敏婕 Minjie Kuang
	张伊扬 Yiyang Zhang
	姜雨浩 Yuhao Jiang
	姚想 Xiang Yao
	徐艺菡 Yidan Xu
	徐欣璐 Xinlu Xu
	田璞 Pu Tian
	吕思远 Siyuan Lv
	李易诚 Yingcheng Li
	吴迪 Di Wu
	陈语墨 Yumo Chen
	范昊妍 Haoyan Fan
林泽诚 Zecheng Lin	
蒋杭沅 Hangyuan Jiang	

## 创新创业 Innovation and Entrepreneurship

与创新创业实验室协同，进一步优化和规范学生加入团体、参加竞赛、评优奖励等机制，评奖评优细则里有关竞赛的部分进一步完善。设计科创竞赛支持机制，筛选了5支科创竞赛队伍进行孵化培育，参加iGEM竞赛及“互联网+”国赛。2023年1支队伍获“互联网+”国赛银奖。37位学生积极参与到创新创业工作中，并在团队中有杰出表现。

In partnership with the Innovation and Entrepreneurship Laboratory, ZJE has been actively refining and standardizing mechanisms for student engagement in group projects, competitions, and evaluation processes. Our efforts have led to the design of a comprehensive support system for science and innovation competitions. Notably, we have identified and nurtured five student teams for incubation and cultivation, and provided support to one team to participate in the prestigious iGEM competition in France.

In the year 2023, our endeavors bore fruit as one of our teams secured the silver award at the national-level "Internet +" competition. Additionally, a total of 37 students enthusiastically participated in various other innovation and entrepreneurship activities.

### 创新创业实验室入驻学生名单

#### List of students enrolled in the Innovation and Entrepreneurship Lab

熊诗涵 Shihan Xiong	徐宇杰 Yujie Xu	程致远 Zhiyuan Cheng
张伊扬 Yiyang Zhang	徐嘉阳 Jiayang Xu	涂桓畅 Huanchang Tu
姚想 Xiang Yao	蒋杭沅 Hangyuan Jiang	张三初 Sanchu Zhang
邓一帆 Yifan Deng	曹阅 Yue Cao	姜雨浩 Yuhao Jiang
左静宜 Jinyi Zuo	陈俊伊 Junyi Chen	刘文扬 Wenyang Liu
孔海蕴 Haiyun Kong	张馨月 Xinyue Zhang	王钰杨 Yuyang Wang
徐欣璐 Xinlu Xu	袁子惠 Zihui Yuan	俞心语 Xinyu Yu
李卓尔 Zhuoer Li	李瀚璋 Hanzhang Li	马润华 Runhua Ma
孙彦伊 Yanyi Sun	林海坤 Haikun Lin	陈圣博 Shengbo Chen
沈姚启 Yaoqi Shen	姜雨浩 Yuhao Jiang	葛嘉文 Jiawen Ge
吴清然 Qingran Wu	宋茁原 Zhuoyuan Song	Jacelyn Wiyono
乔英飒 Yingsa Qiao	陆攸香 Youxiang Lu	Chan Kah Ka
随嘉淇 Jiaqi Sui	王柏凯 Bokai Wang	方麦子 Maizi Fang
邬飞扬 Feiyang Wu	李宗霖 Zonglin Li	徐雨嫣然 Yuyanran Xu

本年度学院积极完善“全链实践”培育环节，加强Biomed-X创新创业实验室建设。与企业共建实习实践基地，共形成12家企业的多样化实习实践基地链条，为学生提供一线实践科研经验，为其今后职业生涯带来更多思考。

ZJE actively improved the "whole-chain practice" cultivation link, enhanced Biomed-X innovation and entrepreneurship lab. ZJE established practice base with enterprises, forming a diversified practice practice base chain of 12 enterprises, providing students with front-line practice and research experience, and bringing more thinking for their future career.

## 实践基地列表 List of Practice Bases

1	浙江大学爱丁堡大学联合学院-迪安诊断技术集团股份有限公司学生实习实践基地 ZJE-DIAN DIAGNOSTICS Practice Base
2	浙江大学爱丁堡大学联合学院-苏州工业园区学生实习实践基地 ZJE-Suzhou Industrial Park Practice Base
3	浙江大学爱丁堡大学联合学院-艾立康药业股份有限公司 ZJE-Alicorn Practice Base
4	浙江大学爱丁堡大学联合学院-杭州艾迪康医学检验中心有限公司 ZJE-ADICON Practice Base
5	浙江大学爱丁堡大学联合学院-浙江普康生物技术股份有限公司 ZJE-Zhejiang Pukang Biotechnology Co.,LTD Practice Base
6	浙江大学爱丁堡大学联合学院-北京奇科创咨询有限公司 ZJE- Beijing Qikechuang Consulting Co., Ltd Practice Base
7	浙江大学爱丁堡大学联合学院-浙江昂大久力生物制药有限公司 ZJE-ANG DA JIU LI Practice Base
8	浙江大学爱丁堡大学联合学院-杭州杰毅生物技术有限公司 ZJE-Matrix Practice Base
9	浙江大学爱丁堡大学联合学院-海宁市产业技术研究院再生医学材料中心 ZJE-Regenerative Medical Materials Center, Haining Industrial Technology Research Institute Practice Base
10	浙江大学爱丁堡大学联合学院-浙江天科高新技术发展有限公司 ZJE-Zhejiang Tianke Practice Base
11	浙江大学爱丁堡大学联合学院-杭州艾森医药研究有限公司 ZJE-ACEA Practice Base
12	浙江大学爱丁堡大学联合学院-杭州先导医药科技有限责任公司 ZJE-Hangzhou Pioneer Pharmaceutical Technology Practice Base

## 研究生教育 Postgraduate

本年度学院研究生项目稳步发展，培养模式不断优化的同时规模逐步扩大，在籍研究生210人，其中博士生116人，硕士生94人。

This year, ZJE postgraduate programmes developed steadily, and the training model is constantly optimized. As of December 2023, there are 210 graduate students, including 94 master students and 116 PhD students.

### 招生 Enrollment

学院研究生稳步扩大招生规模，2023年共招生博士30人，硕士55人。浙江大学学籍博士研究生生源来自985高校占比提升13%，达到56%。双博士项目录取按照爱丁堡大学入学标准严格选拔，10名优秀生源进入双学位博士通道。爱大单学位项目录取硕士35人和博士研究生12人，其中87%的新生来自曼彻斯特大学、贝尔法斯特女王大学、格拉斯哥大学、爱丁堡大学等海外知名高校。

The number of graduate students has increased steadily. In 2023, on the ZJU part, ZJE admitted a total number of 30 PhD degree students and 55 MSc degree students. The number of ZJU PhD students from 985 universities increased by 13% over last year to 56%. On the UoE awarded postgraduate programmes, ZJE admitted 35 UoE single PhD degree and 12 master's degree candidates, 87% of whom graduated from University of Manchester, Queen's University of Belfast, University of Glasgow, University of Edinburgh and other prestigious overseas universities. This diversity and caliber of students further enrich our graduate programs and foster a dynamic and stimulating academic environment.

### 毕业 Graduate

2023届研究生毕业生18人，其中博士6人，硕士12人。毕业去向中，博士后入站3人、继续深造2人、就业11人、暂未就业2人，初次就业率为88.89%，较2022年提升明显。

There are 18 postgraduate graduates in 2023, including 6 PhDs and 12 masters. As of 30 December 2023, the 18 postgraduates of the Class of 2023 had 3 postdoctoral students, 2 students pursuing further studies, 11 students were employed, and 2 students were not employed for the time being, with an initial employment rate of 88.89%.

### 荣誉 Honour

2022-2023学年我院研究生共获得：国家奖学金2人、南都三等奖学金1人、优秀研究生39人、五好研究生7人、优秀研究生干部12人、研究生单项荣誉19人。

In the academic year of 2022-2023, ZJE's postgraduate students have won 2 National Scholarships, 1 Nandu Third Class Scholarship, 39 Outstanding Graduate Students, 7 Well Rounded Graduate Students, 12 Outstanding Graduate Leaders, and other 19 Single Awards.

荣誉名称 Awards	姓名 Name
国家奖学金 National Scholarship	孙春丽 Chunli Sun
	田若楠 Ruonan Tian
南都三等奖学金 Nandu Third Class Scholarship	沈天仁 Tianren Shen
五好研究生 Well Rounded Graduate Student	宣云鑫 Yunxin Xuan
	聂可心 Kexin Nie
	唐倩 Qian Tang
	沈天仁 Tianren Shen
	沈忻晨 Xincheng Shen
	喻弘霖 Honglin Yu
	王梓琦 Ziqi Wang



2023年学院科研成果喜人，在科研项目、奖项申报、论文发表方面取得新的突破。获批国家自然科学基金共获资助9项，总中标率39.13%。其中面上项目5项，中标率50%；外青优青项目2项，中标率50%；青年科学基金项目2项，中标率33.33%。获批浙江省自然科学基金资助（省重点项目）1项。在奖项上，周民所在团队的成果“肺癌精准诊疗关键技术创新及应用”荣获2022年度浙江省科学技术进步奖一等奖。在论文上，学院师资以第一作者或通讯作者在高水平学术期刊发表文章16篇。在校地合作上，成立校地联合中心1个：浙江大学-鄂尔多斯市鄂托克旗生物医药联合研究中心，合作经费1.2亿元，是全校“十四五”期间获批金额最大的非法人校地合作机构，开启了校地合作崭新篇章。

ZJE has achieved remarkable research outcomes in 2023, making significant breakthroughs in research projects, award applications, and paper publications. ZJE has gained 9 National Natural Science Foundation programmes, 5 are the General Programmes, 2 are the Research Fund for Foreign Excellent Young Scholars and 2 are the Youth Scientists Funds, and 1 Natural Science Funds of Zhejiang Province. In teams of award applications, the achievement of Zhou Min's team secured Zhejiang Provincial Science and Technology Progress Award (1 Prize). As to publications, ZJE has published 16 SCI papers this year (the first author or corresponding author address is ZJE). In the university-land cooperation, a new university-industry joint research centre was established: The Zhejiang University-Otog Banner, Ordos City Joint Research Centre for Biopharmaceuticals, with a cooperative funding of 120 million RMB, making it the largest non-legal person university-industry collaboration of ZJU during "14th Five-Year" Plan period.

### 科研项目 Research Projects

项目来源 Project Sources	项目名称 Project Title	项目负责人 Project Manager
国家自然科学基金委员会 National Natural Science Foundation of China	Mechanoresponsive mechanisms regulating cytokinesis under confinement	Chew Ting Gang
国家自然科学基金委员会 National Natural Science Foundation of China	Comparative biology of a natural, healthy host - bats	Aaron Irving
国家自然科学基金委员会 National Natural Science Foundation of China	新型光催化眼用凝胶用于耐药菌感染性角膜炎的精准诊断与治疗研究 New Photocatalytic Eye Hydrogel for Precise Diagnostic and Therapy of Multidrug Resistant Bacterial Keratitis	周民 Min Zhou
国家自然科学基金委员会 National Natural Science Foundation of China	脂肪细胞来源NRG4通过ERBB4/STAT5调控哺乳期乳腺上皮细胞脂肪化的机制研究 Adipocyte-derived NRG4 regulates the lipogenesis of mammary epithelial cells via ERBB4/STAT5 signaling in lactation	王超尘 Chaochen Wang

# 科学研究 Research

项目来源 Project Sources	项目名称 Project Title	项目负责人 Project Manager
国家自然科学基金委员会 National Natural Science Foundation of China	基于深度学习的疾病特异性T细胞受体鉴定及功能验证 Deep learning enhanced disease-specific T-cell receptor characterization and functional validation	刘琬璐 Wanlu Liu
国家自然科学基金委员会 National Natural Science Foundation of China	脑干孤束核Glp1r神经环路调控能量代谢的作用机制研究 Understanding mechanisms of Glp1r expressing NTS neurons that control feeding behavior and energy balance	邱维维 Weiwei Qiu
国家自然科学基金委员会 National Natural Science Foundation of China	“半月板-骨”超强组织连接的物质科学机制及再生修复研究 The materials science mechanism of the superior "meniscus-bone" interface tissue and its regeneration	王小召 Xiaozhao Wang
国家自然科学基金委员会 National Natural Science Foundation of China	人体运动系统多组学数据库构建及其在关节炎研究中的应用示范 Construction of human musculoskeletal system multiomics database and its application in arthritis research	林俊鑫 Junxin Lin
国家自然科学基金委员会 National Natural Science Foundation of China	原位融合型微球支架控释金属离子组合微创治疗骨质疏松性骨折的效应与机制研究 The effect and mechanism of in situ integrated micro-sphere-based scaffolds with orchestrated metallic ion release on the minimally invasive treatment of osteoporotic fractures	沈丹妮 Danni Shen
浙江省自然科学基金委 Natural Science Foundation of Zhejiang Province	颅缝早闭微环境的高清解析及其再生研究 Mechanical signature of suture stem cell niche and its regulatory mechanisms in suture regeneration	袁渊 Yuan Yuan
浙江省介入肺脏病学重点实验室 Zhejiang Provincial Key Laboratory of Interventional Pulmonary Disease	转录因子 ELF3 促肺癌发生发展的体内机制研究 Mechanistic Investigation of the Role of transcription factor ELF3 in promoting the Development of Lung Cancer	刘坚 Jian Liu
校企合作 ZJU-Tencent Enterprise cooperation project	基于预训练深度学习大模型的疾病 Disease based on pre-trained deep learning large models	刘琬璐 Wanlu Liu
校地合作 ZJU-Land cooperation project	浙江大学-鄂尔多斯市鄂托克旗生物医药联合研究中心 The Zhejiang University-Otog Banner, Ordos City Joint Research Centre for Biopharmaceuticals	周民 Min Zhou

## 部分文章 Part of Publications

作者 Authors	论文标题 Title	杂志名称 Journal
<b>Zhaoyuan Fang</b> , Xiangkun Han, Yueqing Chen, Xinyuan Tong, Yun Xue, Shun Yao, Shijie Tang, Yunjian Pan, Yihua Sun, Xue Wang, Yujuan Jin, Haiquan Chen, Liang Hu, Lijian Hui, Lin Li, Luonan Chen, Hongbin Ji	Oxidative stress-triggered Wnt signaling perturbation characterizes the tipping point of lung adeno-to-squamous transdifferentiation	Signal Transduct Target Ther
Keneth Iceland Kasozi, Ewan Thomas MacLeod, <b>Susan Christina Welburn</b>	African animal trypanocide resistance: A systematic review and meta-analysis	Front Vet Sci
<b>Huijin Wei, Xianghua Li</b>	Deep mutational scanning: A versatile tool in systematically mapping genotypes to phenotypes	Front Genet
<b>Qi Jiang, Shufang Zhang</b>	Stimulus-Responsive Drug Delivery Nanoplatfoms for Osteoarthritis Therapy	Small
<b>Wenyan Zhou, Junxin Lin</b> , Yan Xie, Xueqing Hu, Xudong Yao, <b>Yuemin Ou, Hongwei Wu, Yiyang Yan</b> , Xiumao Li, Jianan Lou, <b>Aaron Trent Irving, James Q Wang, Hongwei Ouyang</b>	High-resolution aging niche of human adipose tissues	Signal Transduct Target Ther
<b>Xinan Meng</b> , Chandra Sugiarto Wijaya, <b>Qingfang Shao, Suhong Xu</b>	Triggered Golgi membrane enrichment promotes PtdIns(4,5) P2 generation for plasma membrane repair	J Cell Biol
<b>FHaizhu Kuang</b> , Jing Ma, <b>Xinyu Chi, Qichen Fu, Qianzhe Zhu</b> , Weiling Cao, Peng Zhang, <b>Xin Xie</b>	Integrated Osteoinductive Factors—Exosome@MicroRNA-26a Hydrogel Enhances Bone Regeneration	ACS Appl Mater Interfaces

作者 Authors	论文标题 Title	杂志名称 Journal
<b>Kexin Nie</b> , Sicheng Zhou, <b>Hu Li 1</b> , <b>Jingyi Tian</b> , Weiliang Shen, <b>Wenwen Huang</b>	Advanced silk materials for musculoskeletal tissue regeneration	Front Bioeng Biotechnol
<b>Chao Liu</b> , Lingang Sun, Yijun Tan, Qi Wang, Tao Luo, Chenlu Li, Nan Yao, Yuting Xie, Xiao Yi, Yi Zhu, Tiannan Guo, Junfeng Ji	USP7 represses lineage differentiation genes in mouse embryonic stem cells by both catalytic and noncatalytic activities	Sci Adv
<b>Dongxiao Zhang</b> , <b>Jian He</b> , Jiarong Cui, Ruoxi Wang, Zhe Tang, Hongyu Yu, <b>Min Zhou</b>	Oral Microalgae-Nano Integrated System against Radiation-Induced Injury	ACS Nano
<b>Xuecong Ren</b> , <b>Hengda Zhou</b> , <b>Yujie Sun</b> , <b>Hongying Fu</b> , Yu Ran, Bing Yang, Fan Yang, <b>Mikael Bjorklund</b> , <b>Suhong Xu</b>	MIRO-1 interacts with VDAC-1 to regulate mitochondrial membrane potential in <i>Caenorhabditis elegans</i>	EMBO Rep
Huiqun Hu, Shi Yuan Hua, Xiuhui Lin, Feng Lu, Wenting Zhang, Lihui Zhou, Jiarong Cui, Ruoxi Wang, Jingyan Xia, Feng Xu, Xiaoyuan Chen, <b>Min Zhou</b>	Hybrid Biomimetic Membrane Coated Particles-Mediated Bacterial Ferroptosis for Acute MRSA Pneumonia	ACS Nano
<b>Ruonan Tian</b> , <b>Ziwei Xue</b> , <b>Dengfeng Ruan</b> , <b>Pengwei Chen</b> , <b>Yiwen Xu</b> , <b>Chao Dai</b> , Weiliang Shen, <b>Hongwei Ouyang</b> , <b>Wanlu Liu</b> , <b>Junxin Lin</b>	MSdb: An integrated expression atlas of human musculoskeletal system	iScience
<b>Ya Wen</b> , <b>Yishan Chen</b> , Weiliang Wu, <b>Hong Zhang</b> , <b>Zhi Peng</b> , Xudong Yao, Xianzhu Zhang, <b>Wei Jiang</b> , <b>Youguo Liao</b> , <b>Yuan Xie</b> , <b>Xilin Shen</b> , Heng Sun, <b>Jiajie Hu</b> , <b>Hua Liu</b> , <b>Xiao Chen</b> , Jiansong Chen, <b>Hongwei Ouyang</b>	Hyperplastic Human Macromass Cartilage for Joint Regeneration	Adv Sci (Weinh)
Zhi Peng, Chang Xie, Shucheng Jin, Jiajie Hu, Xudong Yao, Jinchun Ye, Xianzhu Zhang, <b>Jia Xuan Lim</b> , Bingbing Wu, Haoyu Wu, Renjie Liang, Ya Wen, Jiahui Huang, Xiaohui Zou, <b>Hongwei Ouyang</b>	Biomaterial based implants caused remote liver fatty deposition through activated blood-derived macrophages	Biomaterials

作者 Authors	论文标题 Title	杂志名称 Journal
<b>Chaojie Ren</b> , <b>Danni Zhong</b> , <b>Yuchen Qi</b> , <b>Chaoyi Liu</b> , Xingyu Liu, Shihong Chen, Sheng Yan, <b>Min Zhou</b>	Bioinspired pH-Responsive Microalgal Hydrogels for Oral Insulin Delivery with Both Hypoglycemic and Insulin Sensitizing Effects	ACS Nano
<b>Qianting Zhang</b> , Jiayi Fan, Wei Xu, Huiwen Cao, <b>Cheng Qiu</b> , <b>Yi Xiong</b> , Huacun Zhao, Yong Wang, Jun Huang, Chao Yu	The FLIP-FIGNL1 complex regulates the dissociation of RAD51/DMC1 in homologous recombination and replication fork restart	Nucleic Acids Res
<b>Xiaofei Zhou</b> , <b>Yuanqing Jiang</b> , Yuewen Wang, <b>Linge Fan</b> , <b>Yunhui Zhu</b> , <b>Yefeng Chen</b> , <b>Yiran Wang</b> , <b>Yingyi Zhu</b> , Hongkun Wang, Zihang Pan, Zhoubin Li, Xiaolong Zhu, <b>Ruizhe Ren</b> , Zhen Ge, Dongwu Lai, En-Yin Lai, Ting Chen, Kai Wang, Ping Liang, Lingfeng Qin, Cuiqing Liu, <b>Cong Qiu</b> , Michael Simons, <b>Luyang Yu</b>	Endothelial FIS1 DeSUMOylation Protects Against Hypoxic Pulmonary Hypertension	Circ Res
<b>Yuchen Qi</b> , Yangyang Li, Kun Li, <b>Tingting Xie</b> , Shiyuan Hua, Qunfeng Guo, Yichun Zheng, <b>Min Zhou</b>	Biocompatible Gallium Nanodots against Drug-Resistant Bacterial Pneumonia and Liver Abscess	ACS Appl Mater Interfaces
<b>Shiqi Xu</b> , Tyler J Yang, Suhong Xu, Yinan Gong	Plasma membrane repair empowers the necrotic survivors as innate immune modulators	Semin Cell Dev Biol
<b>Dan Zhang</b> , <b>Aaron T Irving</b>	Antiviral effects of interferon-stimulated genes in bats	Front Cell Infect Microbiol
<b>Xuan Xie</b> , <b>Xia Sun</b> , <b>Yuheng Wang</b> , Ben Lehner, <b>Xianghua Li</b>	Dominance vs epistasis: the biophysical origins and plasticity of genetic interactions within and between alleles	Nat Commun
<b>Chao Wang</b> , <b>Jingjing Ding</b> , Qiaodong Wei, <b>Shoukang Du</b> , Xiaobo Gong, <b>Ting Gang Chew</b>	Mechanosensitive accumulation of non-muscle myosin IIB during mitosis requires its translocation activity	iScience

作者 Authors	论文标题 Title	杂志名称 Journal
<b>Xiao Zang, Qi Wang,</b> Hanxin Zhang, <b>Yiyan Zhang,</b> Zi Wang, Zixing Wu, <b>Di Chen</b>	Knockdown of neuronal DAF-15/Raptor promotes healthy aging in <i>C. elegans</i>	J Genet Genomics
Yanna Lian, <b>Cheng Wu,</b> Li Liu, <b>Xiangyao Li</b>	Prediction of cell-cell communication patterns of dorsal root ganglion cells: single-cell RNA sequencing data analysis	Neural Regen Res
Yu Li, Wei Jiang, Nanfang Nie, Jiaqi Xu, <b>Xiaozhao Wang,</b> Junwen Zhang, Jiahuan Guan, Chengcheng Zhu, Cheng Zhang, Ying Gu, Xiaoyi Chen, Shasha Yao, Zi Yin, Bingbing Wu, <b>Hongwei Ouyang,</b> Xiaohui Zou	Size- and Dose-Dependent Body-Wide Organ Transcriptomic Responses to Calcium Phosphate Nanomaterials	ACS Appl Mater Interfaces
<b>Jing Zhang, Chaochen Wang,</b> Yaqun Yu	Comprehensive analyses and experimental verification of NETs and an EMT gene signature for prognostic prediction, immunotherapy, and chemotherapy in pancreatic adenocarcinoma	Environ Toxicol
Shuai Gao, <b>Dailin Yuan,</b> Lingyu Gao, Fan Yang, Xu'ai Lin, <b>Stijn van der Veen</b>	Epithelial Cell NOD1/IRGM Recruits STX17 to Neisseria Gonorrhoeae-Containing Endosomes to Initiate Lysosomal Degradation	J Infect Dis
Yicheng Lu, <b>Wei Huang,</b> Meng Li, Aiping Zheng	Exosome-Based Carrier for RNA Delivery: Progress and Challenges	Pharmaceutics
Huiwen Cao, Haomang Xu, Yiqing Zhou, Wei Xu, <b>Qinglin Lu,</b> Lingying Jiang, Yan Rong, <b>Qianting Zhang,</b> Chao Yu	BBOF1 is required for sperm motility and male fertility by stabilizing the flagellar axoneme in mice	Cell Mol Life Sci
Kaicheng Deng, Yao Tang, Yan Xiao, <b>Danni Zhong,</b> Hua Zhang, Wen Fang, Liyin Shen, Zhaochuang Wang, Jiazhen Pan, Yuwen Lu, Changming Chen, Yun Gao, Qiao Jin, Lenan Zhuang, Hao Wan, Liujing Zhuang, Ping Wang, Junfeng Zhai, Tanchen Ren, Qiaoling Hu, Meidong Lang, Yue Zhang, Huanan Wang, <b>Min Zhou,</b> Changyou Gao, Lei Zhang, Yang Zhu	A biodegradable, flexible photonic patch for in vivo phototherapy	Nat Commun

作者 Authors	论文标题 Title	杂志名称 Journal
Xin Shen, <b>Xianzhi Gao,</b> Yikai Luo, Qianying Xu, Ying Fan, Shenghui Hong, Zhengwei Huang, Xiaoqian Liu, Qianqian Wang, Zuojia Chen, Di Wang, Linrong Lu, Chuan Wu, Han Liang, Lie Wang	Cxcr1 maintains homeostasis and function of intestinal group 3 innate lymphoid cells with aging	Nat Aging
Ying Qian, Jiaying Gong, Kejie Lu, Yi Hong, Ziyu Zhu, Jingyu Zhang, Yiwei Zou, Feifei Zhou, Chaoying Zhang, Siyi Zhou, Tianyi Gu, Miao Sun, Shaolong Wang, Jianxiang He, Yang Li, <b>Junxin Lin, Yuan Yuan, Hongwei Ouyang,</b> Mengfei Yu, Huiming Wang	DLP printed hDPSC-loaded GelMA microsphere regenerates dental pulp and repairs spinal cord	Biomaterials
Zi Wang, Lina Zou, <b>Yiyan Zhang,</b> Mengnan Zhu, Shuxian Zhang, Di Wu, Jianfeng Lan, <b>Xiao Zang, Qi Wang,</b> Hanxin Zhang, Zixing Wu, Huanhu Zhu, <b>Di Chen</b>	ACS-20/FATP4 mediates the anti-ageing effect of dietary restriction in <i>C. elegans</i>	Nat Commun
Xia Li, <b>Chentao Li, Wanying Zhang, Yanan Wang,</b> Pengxu Qian, He Huang	Inflammation and aging: signaling pathways and intervention therapies	Signal Transduct Target Ther





## 科研中心 Research Centres

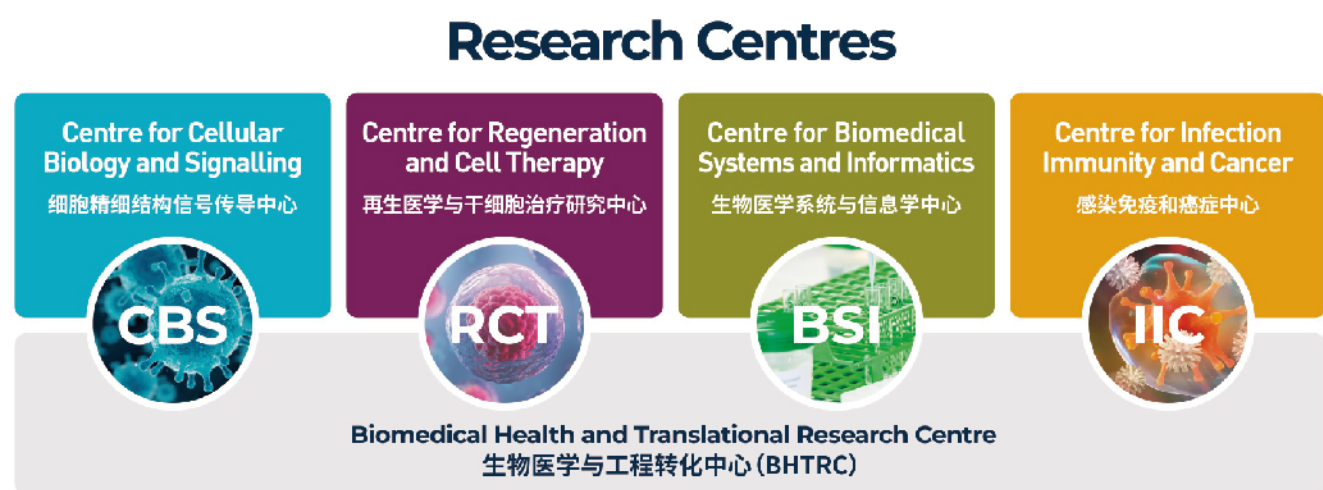
为进一步发挥学院在建设国际合作教育样板区中的作用，全面深化国际科研合作，促进标志性研究成果产出，经学院研究决定，设置四个主题研究中心，分别为：(1)细胞精细结构信号传导中心；(2)再生医学与干细胞治疗研究中心；(3)生物医学系统与信息学中心；(4)感染免疫和癌症中心。

学院的研究中心汇聚了众多学者，共同开展具有影响力的前沿研究。我们从事前沿、循证、严谨的研究，推进理论知识，并将突破性研究和创新成果转化为治疗方法、治疗策略和疗法，从而提高所有人的生活质量。

In order to further leverage ZJE's role as a pacesetter in successful international partnerships and to deepen collaboration in international scientific research, ZJE has decided to establish four theme research centers. The details of these centers are as follows:

1. Centre for Cellular Biology and Signalling (CBS)
2. Centre for Regeneration and Cell Therapy (RCT)
3. Centre for Biomedical Systems and Informatics (BSI)
4. Centre for Infection Immunity and Cancer (IIC)

These research centres bring together multidisciplinary teams of academics to conduct cutting-edge research that is both impactful and translational. Through rigorous and evidence-based research, we aim to advance theoretical knowledge while also translating groundbreaking discoveries into practical applications, including cures, treatment strategies, and therapies, to enhance the quality of life for individuals worldwide.



## 公共技术平台 ZJE Core Facility

学院公共技术平台全面支持校区科研单位的各种需求，现有共享大型仪器38台，价值超3500万元，为校内外近40个课题组或单位提供了科研服务支撑，累计服务约3.13万小时；开展培训298场，共培训1584人次，其中开展英文培训16场，专题培训9场。开通高级用户技术答疑通道，并将专题理论培训与研究生课程有机结合。

This year, ZJE core facility fully supported the various needs of scientific research institutions in the campus, shared 38 large instruments and has provided service support for more than 40 research groups inside and outside the campus. The cumulative service is about 31,300 hours; 298 training sessions were held, with a total of 1584 people trained, including 16 English language training sessions and 9 thematic training sessions. Technical question-and-answer channels were opened for advanced users, and thematic theoretical training was organically combined with postgraduate courses.

## 实验动物中心 ZJE Laboratory Animal Centre

学院实验动物中心顺利完成365×24小时不间断稳定运行，2023年年内饲养笼位增长78%，年饲养费收入同比2022年增长82%。本年度共为14个课题组进行生物净化服务32次，为多个课题组代养管理累计600多只小鼠。在2023年创新性地新增了动物实验技术操作的部分，共完成12次准入理论培训，20次设施使用实践培训，15次实验技术操作培训，培训实验人员200余人。目前为止，中心共入驻课题组27个，实验人员218人，科研服务涵盖本学院超过50%的课题组和其它各合作科研院所包括浙江大学基础医学院、浙江大学生命科学研究院、ZJUI、国际校区功能高分子国际研究中心和先进光子学国际研究中心等，支撑科研成果产出，实现科研成果转化。

This year, ZJE laboratory animal centre successfully completed 365x24 hours uninterrupted and stable operation. In 2023, the number of cages increased by 78%, and the annual income of feeding fees increased by 82% compared with that in 2022. 14 research groups carried out biological purification services 32 times and managed more than 600 mice of many research groups. LAC innovatively added the part of animal experimental technology operation, and completed 12 times of theoretical training on access, 20 times of practical training on the use of facilities, and 15 times of training on experimental technology operation, training more than 200 experimental personnel. By December 2023, 27 research groups and 218 experimental personnel have been stationed in the Centre. The research services cover more than 50% of the research groups of the ZJE and other cooperative research institutes, including the School of Basic Medicine Sciences of ZJU, Life Sciences Institute of ZJU, ZJUI, International Research Center for Functional Polymers and International Research Center for Advanced Photonics, etc.

# 活动 Events

## 参加中外合作办学联席会第九次会议

### ZJE Attended the Ninth Conference of CJIC



2023年4月25至27日，中外合作办学联席会在河北保定召开第九次全体会员大会。本次会议由教育部国际合作与交流司指导、中外合作办学联席会主办、河北大学中央兰开夏传媒与创意学院承办。我院作为主席单位出席会议并由柯越海院长做题为《新时代、新医、新人才：浙大的探索与实践》的报告。柯院长通过分享浙江大学爱丁堡大学联合学院办学经验，与参会单位一起探讨构建中外合作教育可持续模式，探索推动中国高等教育迈向世界一流行列的可能途径。

ZJE had the honor of participating in the Ninth Conference of the Chinese-Foreign Joint Institute Committee (CJIC), held from April 25th to 27th, 2023, in Baoding, Hebei. At the conference, ZJE proudly represented as the chairman unit, with Dean Yuehai Ke delivering a report titled "New Era, New Medical Science, and New Talents: Exploration and Practice of Zhejiang University." Through this report, ZJE shared its valuable experience and insights, highlighting the innovative approaches and practices adopted by the institute.

By contributing to such high-level forums and exchanges, ZJE reaffirms its commitment to excellence in education, research, and international collaboration, further solidifying its position as a leader in the field of biomedical sciences and higher education in China and beyond.

## 2023届毕业生晚会顺利举办

### ZJE Class of 2023 Graduation Ceremony Was Held Successfully

2023年6月25日晚，ZJE2023届毕业生晚会在浙江大学海宁国际校区多功能厅举行。ZJE2023届本科毕业生、UoE单学位硕士毕业生、双学位博士毕业生和老师们身着正装、礼服，欢聚在多功能厅，度过了难忘的夜晚。

On the evening of 25th June 2023, ZJE class of 2023 graduation ceremony was held in the multi-function hall of International Campus, Zhejiang University. ZJE class of 2022 undergraduate graduates, UoE single degree master graduates, dual degree PhD graduates and teachers dressed in formal clothes and gowns gathered in the multi-function hall and spent an unforgettable night. The graduation ceremony truly marked the culmination of their academic endeavors and the beginning of new adventures and possibilities.



## 杭州第十九届亚运会志愿服务工作圆满完成

### ZJE Volunteer Work of the 19th Asian Games in Hangzhou Was Successfully Completed

2023年9月23日至10月8日，我院23名学生圆满完成杭州第十九届亚运会志愿服务工作。他们有人担任颁奖礼仪，有人支持竞赛技术运行，有人负责物流支持，为亚运会的顺利举办扮演着不可或缺的角色。

From 23 September to 8 October 2023, 23 students from ZJE successfully completed the volunteer service work of the 19th Asian Games in Hangzhou. Some of them served as award ceremony, some supported the technical operation of the competition, and some were in charge of logistics support, playing an indispensable role for the smooth organisation of the Asian Games.



## 2023级新生欢迎仪式顺利举行

### 2023 ZJE Welcome Ceremony for New-coming Students

2023年9月21日，来自九州四海的144名本科生，56名硕士生和27名博士生相聚在浙江大学海宁国际校区，满怀激动和喜悦，扬帆起航。

浙江大学国际联合学院（海宁国际校区）院长、党委副书记李寒莹，爱丁堡大学生物医学院院长Mike Shipston，ZJE院长柯越海、执行院长Sue Welburn参加欢迎仪式并致辞。国际联合学院（海宁国际校区）党委常务副书记、副院长屈利娟，副院长吴健，校区部门领导，ZJE院领导、老师，以及爱丁堡大学师资，新生家长等共同与2023级新生见证了这一庄重而温馨的时刻。

The ZJE new student welcome ceremony was held at the International Campus, Zhejiang University on 21st September 2023, welcoming 144 undergraduates, 56 master's and 27 doctoral students.

Li Hanying, Dean and Deputy Secretary of the Party Committee of International Campus, Zhejiang University, Mike Shipston, Dean of the School of Biomedical Sciences of the University of Edinburgh, Yuehai Ke, Dean of ZJE, and Sue Welburn, Executive Dean of ZJE, attended the ceremony and made inspiring speeches. Distinguished guests Lijuan Qu, Executive Deputy Secretary of the Party Committee and Vice President of the International Campus, Zhejiang University, Jian Wu, Vice President, ZJE leaders, faculty as well as faculty members from the University of Edinburgh, and parents of the new students witnessed this solemn and heart-warming moment for the new students of the year of 2023.

The ceremony served as a symbol of the beginning of a new chapter in the lives of the students, filled with promise, opportunity, and growth. It provided a platform for students to connect with faculty, administrators, and peers, fostering a sense of community and support as they embark on their academic journey at ZJE.



## 参加首届“潮涌国际”师生运动会

### Participation in the 1st International Campus Games

2023年11月4日，国际校区举行首届“潮涌国际”师生运动会，来自办学单位、机关研究中心、大后勤等各单位的357名中外师生组建起9支运动队，角逐了田径赛57个项目和趣味赛5个集体项目。浙江大学爱丁堡大学联合学院共62名学生，28名教工参赛，获得田径项目混合团队总分（学生组）亚军，田径项目混合团队总分（教工组）季军。

On 4th November 2023, the first International Campus Games was held. A total of 357 teachers and students set up 9 teams representing institutes, research centres, and administrative offices. We competed in 57 track and field events and 5 collective events in fun games. ZJE won the second place in the Mixed Team Total Score of Athletics Events (Student Group) and the third place in the Mixed Team Total Score of Athletics Events (Staff Group).



## 2023年ZJE秋季毅行顺利举行

### ZJE 2023 Autumn Trail Walk & International Campus Walking Was Successfully Held

ZJE“共筑亚运会，前行不停歇”第四届毅行&国际校区健步走于2023年11月19日顺利举办。来自ZJE及兄弟办学单位、校区各部门师生共200余人参与活动。20支队伍发扬团队精神，携手共进，全部顺利完成了行程。

The ZJE 4th Trail Walk & International Campus Walk was successfully held on 19th November 2023. More than 200 participants from ZJE, the other institutes, and campus departments took part in the event. 20 teams developed the team spirit, worked hand in hand, and all completed the journey successfully.



## 首届紫鹃青年学者论坛顺利举办

### The First Zijuan Youth Scholars Forum was Successfully Concluded

2023年12月1日，首届紫鹃青年学者论坛在浙江大学国际联合学院海宁国际校区东报告厅举行。本次论坛由浙江大学医学院基础医学院主办，浙江大学爱丁堡大学联合学院、浙江大学爱丁堡大学联合学院党总支协办。本论坛共吸引200余名师生共同参与，就肿瘤免疫与代谢研究领域的诸多热点问题进行深入交流与探讨。

1st December 2023, the first Zijuan Youth Scholars Forum was held at the East Hall of the International Campus, Zhejiang University. The forum was hosted by the School of Basic Medical Sciences of Zhejiang University, and co-organized by ZJE. The forum attracted more than 200 students and teachers to participate, engaging in in-depth discussions on various hot topics in the field of tumour immunity and metabolism.



## 成功举办“爱浙谭”系列活动 iZJEer Talk

本年度举办爱浙谭5期。“爱浙谭iZJEer Talk”系列座谈会旨在通过学院领导与学生、老师行政支撑人员等的面对面深入交流，畅通ZJE民主管理渠道，筑牢学院发展基石，助力学院师生快速成长。

iZJEer Talk serves as an official platform for fostering in-depth face-to-face exchanges between the executive team, students, faculty, and administrative staff of ZJE. This year, 5 iZJEer Talks have been held.

By providing a forum for constructive discussions and feedback, iZJEer Talk aims to build a strong foundation for the development of ZJE and support the rapid growth of its members.



- 2023.3.15  
Prof. Huihai Shou  
Topic: Opportunity favours the prepared
- 2023.4.7  
Dr. Pengfei Chen  
Topic: Biomaterial regenerative repair of bone and muscle systems
- 2023.4.20  
Prof. Min Zhou  
Topic: Biomedical Intersection and Translation
- 2023.5.5  
Dr. John Menzies, Dr. Laura O'Hara  
Topic: ZJE Undergraduate Education
- 2023.11.17  
Prof. Hai Yu  
Topic: The Mission and Commitment of Medicine

## 成功举办“ACT”系列讲座 ACT Talk

本年度举办ACT系列讲座9场，涵盖海外留学申请经验、推免经验分享及企业宣讲等内容，共吸引超1000人次参与，精准对接学生生涯发展需求为就业质量提供保障。

Organized 9 ACT seminars, covering overseas study application experience sharing, exam-exempted application experience sharing, and corporate publicity, which attracted more than 1000 people to participate, precisely meeting the needs of students' career development and guaranteeing the quality of employment.

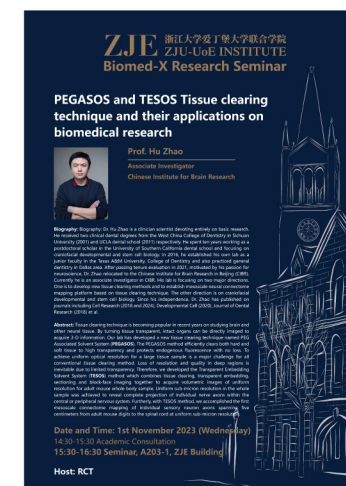
2023.2.26 优秀研究生经验分享会	Excellent postgraduate experience sharing session
2023.3.17 企业实习经验分享会	Internship experience sharing session
2023.4.6 夏令营申请经验分享会	Summer Camp application experience sharing session
2023.4.27 优秀毕业生经验分享会	Outstanding graduates experience sharing session
2023.5.6 北京生命科学研究所以招生宣讲	Beijing Institute of Life Sciences admissions information session
2023.10.26 海外留学经验分享会（新加坡专场）	Overseas study experience sharing session (Singapore)
2023.11.19 海外留学经验分享会（英国专场）	Overseas study experience sharing session (UK)
2023.12.2 海外留学经验分享会（美国专场）	Overseas study experience sharing session (USA)
2023.12.5 研究生就业经验分享会	Graduate employment experience sharing session



## Biomed-X Research Seminar

为打造学院学术品牌，本年度线上线下学术交流活动稳定开展。全年学院共举办29次Biomed-X系列等学术分享活动，邀请来自海内的知名专家学者分享自己科研领域最新进展。

Biomed-X Research Seminar aims to establish an exchange platform for ZJE faculty and students, and to promote research cooperation and arouse research inspiration. A total of 23 seminars were held this year.



- 2023.2.22  
Dr. Bo Shan  
Institute of Translational Medicine, Zhejiang University  
Topic: Nonadipogenic Role for Adipocyte Precursors
- 2023.3.1  
Prof. Xin Zhang  
School of Science, School of Life Sciences, Westlake Laboratory, Westlake University  
Topic: Chemical Biology of Biological Aggregates in Membrane
- 2023.3.22  
Dr. Lim Yoon Pin  
Ningbo Health and Industry Research Institute  
Topic: Breast Cancer Precision Medicine
- 2023.3.24  
Prof. Bin-Zhi Qian  
University of Edinburgh  
Topic: Macrophages in cancer metastasis and therapy resistance
- 2023.4.7  
Prof. Wei Xie  
School of Life Sciences, Tsinghua University  
Topic: HHMI International Research Scholar
- 2023.4.12  
Prof. Xinjian Li  
The Second Affiliated Hospital of Zhejiang University School of Medicine  
Topic: Deconstruction of Vermal Cerebellum in Ramp Locomotion in Mice
- 2023.4.13  
Prof. He Zhu  
Shanghai Jiao Tong University School of Medicine Renji Hospital Stem Cell Research Centre  
Topic: Lineage Plasticity in Castration-Resistant Prostate Cancer and New Therapy Development
- 2023.4.18  
Prof. Li Yu  
School of Life Sciences, Tsinghua University  
Topic: Migrasome, from Biogenesis to Therapeutic Potential
- 2023.5.5  
Dr. Martin Kosar  
Karolinska Institute  
Topic: The Nuclear Pore Complex and Its Emerging Roles in Cancer

- 2023.4.11  
Prof. Chong Chen  
State Key Laboratory of Biotherapy, West China Hospital, Sichuan University  
Topic: Precision Cancer Models for Investigating Tumorigenesis, Progression, and Treatment
- 2023.5.10  
Prof. Gang Xiao  
Zhejiang University School of Medicine  
Topic: Targeting Central-carbon Metabolism in Both Malignant B Cells and Therapeutic T Cells
- 2023.5.17  
Prof. Xiujie Wang  
Institute of Genetics and Developmental Biology, Chinese Academy of Sciences
- 2023.5.19  
Prof. Xiaofeng Jia  
University of Maryland, and Johns Hopkins University  
Topic: Neuroprotection and Neurogenesis: Stem Cell Therapy in Neurological Diseases
- 2023.5.25  
Prof. Thuan Beng Saw  
Westlake University  
Topic: Role of Electric Potentials in Non-Excitable Tissues
- 2023.5.26  
Prof. Huasong Lu  
Life Sciences Institute, Zhejiang University  
Topic: Balanced Between Order and Disorder: A Prospering New Phase in Transcription Regulation
- 2023.5.31  
Prof. Lei Wei  
Westlake University  
Topic: The Phantom of the Opera: Insights into the Formation of Hepatitis B Virus (HBV) Genomic cccDNA
- 2023.6.14  
Prof. Ng Lai Guan  
Shanghai Jiao Tong University School of Medicine affiliated Renji Hospital  
Topic: New Concepts for Good Old Neutrophils
- 2023.6.16  
Prof. Fei Chen  
The Institute of Biomedical Sciences, Fudan University  
Fudan University Shanghai Cancer Center  
Topic: Mechanistic Investigation of Transcriptional Regulation in Higher Organisms
- 2023.9.19  
Prof. Feng, Gen-Sheng  
Department of Pathology, School of Medicine, and Dept of Molecular Biology, School of Biological Sciences, University of California at San Diego, La Jolla, CA
- 2023.9.26  
Prof. Wang Yong  
College of Life Sciences, Zijingang Campus, Zhejiang University  
Joint Research Centre for Engineering Biology, Haining Campus, Zhejiang University
- 2023.10.11  
Prof. Wenjing Su  
Life Sciences Institute (LSI) Zhejiang University  
Topic: Mechanisms Governing Drug Resistance in Cancer
- 2023.11.01  
Prof. Hu Zhao  
Chinese Institute for Brain Research  
Topic: PEGASOS and TESOS Tissue clearing technique and their applications on biomedical research
- 2023.11.03  
Prof. Alejandro Sánchez Alvarado  
Member of the National Academy of Sciences  
President and CSO of Stowers Institute  
Howard Hughes Medical Institute Investigator at the Stowers Institute for Medical Research  
Topic: Understanding the Sources of Regenerative Capacity in Animals
- 2023.11.13  
Prof. Holger Moch  
Chairman, Department of Pathology and Molecular Pathology  
Member of German Academy of Sciences Leopoldina  
Member of Swiss Academy of Medical Sciences  
University Hospital Zurich, Switzerland  
Topic: Detection of treatment intervention targets in cancer - the pathologist's perspective
- 2023.11.15  
Prof. Dan Liu  
Westlake Laboratory of Life Sciences and Biomedicine/Westlake University  
Topic: Dynamic encounters with red blood cells trigger splenic marginal zone B cell retention and function
- 2023.11.27  
Prof. Luonan Chen  
Chinese Academy of Sciences  
Topic: Computational Systems Biology and AI Applications
- 2023.11.27  
Prof. Yang Chai  
Director of the Center for Craniofacial Molecular Biology (CCMB)  
Associate Dean of Research at the Herman Ostrow School of Dentistry  
University of Southern California
- 2023.12.06  
Prof. Ye Tian  
Institute of Genetics and Developmental Biology, Chinese Academy of Sciences  
Topic: Neuronal Coordination of Systemic Mitochondrial Stress Response and Its Impact on Aging
- 2023.12.08  
Prof. Lingfei Wang  
University of Massachusetts Chan Medical School  
Topic: Causal Gene Networks in Single Cells

## Weekly Symposium

ZJE Weekly Symposium是ZJE2021年开始举行的，由学院各PI实验室学生为主讲人的学生讲座系列，本年度共举办了25次活动。此讲座为学生及老师们提供了互相认识、交流科研、互相学习与帮助的平台，塑造更有活力的学术氛围。

ZJE weekly symposium is a seminar series held by ZJE since 2021, with students from ZJE PI laboratories as the main speakers. A total of 25 seminars were held this year. ZJE weekly symposium provides a platform for students and faculty to know each other, exchange scientific research, and help each other, and create a more dynamic academic atmosphere.



2023年，ZJE始终坚持社会主义办学方向，以党建工作促进学院事业发展。



### 1. 成立党总支，圆满完成首届支委选举工作

2023年7月10日，国际校区党委发文成立ZJE党总支，下设3个党支部：浙江大学爱丁堡大学联合学院教工党支部、浙江大学爱丁堡大学联合学院本科生党支部、浙江大学爱丁堡大学联合学院研究生党支部。10月19日，ZJE党总支召开党员大会，选举产生了首届委员会委员。柯越海任党总支书记，叶治国任党总支副书记，徐素宏任组织委员，周婕任宣传委员，刘坚任纪检委员。党总支委员会将在浙江大学国际校区党委的指导下，落实各项工作，充分发挥中外合作办学背景下政治堡垒的作用。

### 2. 顺利通过样板支部验收

浙江大学第二批党建“双创”培育创建工作于2021年4月启动，于今年5月启动验收，浙江大学爱丁堡大学党支部（现浙江大学爱丁堡大学联合学院教工党支部）顺利通过验收，成为浙江大学第二批党建工作样板支部。

### 3. 党员发展情况

浙江大学爱丁堡大学联合学院教工党支部

列为入党积极分子5人，新发展党员4人，转正1人，恢复组织关系3人。

浙江大学爱丁堡大学联合学院研究生党支部

列为入党积极分子9人，新发展党员5人，转正7人。

浙江大学爱丁堡大学联合学院本科生党支部

列为入党积极分子49人，新发展党员26人，转正18人。

# 党建 CPC Events