



## 生物&医学交叉融合学术交流会顺利举行 Biology & Medicine Interdisciplinary Symposium was held successfully

3月24日，生物&医学交叉融合学术交流会暨浙江大学生命科学院（CLS）-浙江大学爱丁堡大学联合学院（ZJE）立体化党支部结对共建活动在浙江大学海宁国际校区顺利举行。来自浙江大学生命科学院生物化学研究所、浙江大学爱丁堡大学联合学院的党员及师生共200余人出席此次活动。

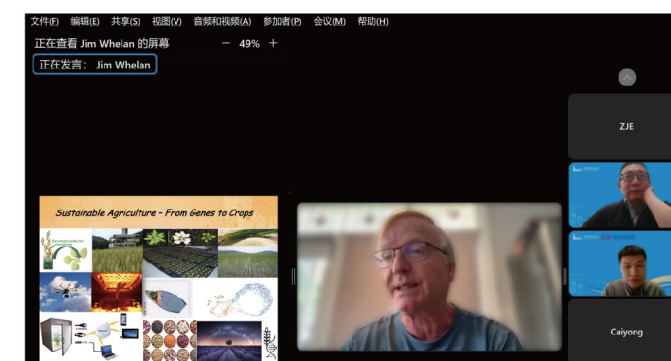
活动以学术交流来推动双方学科交叉互融，来自爱丁堡大学、浙江大学以及ZJE的教授、研究生进行了良好的学术互动。同时，双方各党支部举行了隆重的立体化结对仪式，共同签署了《党建共建协议书》。双方约定以党建为“链”，推进与不同领域党组织的互联共建，实现优势互补、资源共享、双向融合、共同发展。

On March 24th, Biology & Medicine Interdisciplinary Symposium and the Multi-Dimensional Party Branch Twinning and Co-construction Ceremony of College of Life Sciences of Zhejiang University (CLS) - Zhejiang University-University of Edinburgh Institute (ZJE) was held successfully on Haining International Campus of Zhejiang University. More than 200 party members, teachers and students from the Institute of Biochemistry of CLS and ZJE attended the event.

The event promoted the interdisciplinary integration of the two sides through academic exchanges. Professors and postgraduates from the University of Edinburgh, Zhejiang University and ZJE had good academic interactions. Meanwhile, the Party branches of both sides held a grand multi-dimensional twinning ceremony and jointly signed the Agreement on Party Building Cooperation. The two sides agreed to use party building as a "chain" to promote the interconnection and co-construction with party organisations in different fields, so as to achieve strength complementation, resource sharing, two-way integration and common development.

## Brief

### ZJU-UoE联合论坛（生物医学+方向）顺利召开 ZJE held "BioMed-X" sub-forum



1月5日，浙江大学国际校区2022学术年会暨世界名校科教产融合大会顺利开幕，浙江大学爱丁堡大学联合学院（ZJE）主办分论坛“ZJU-UoE联合论坛（生物医学+方向）”在线上拉开帷幕，ZJE院长柯越海致开幕词。来自剑桥大学、爱丁堡大学、维康桑格研究所、浙江大学爱丁堡大学联合学院、浙江大学医学院和浙江大学生命科学院的院士、资深科学家和青年科学家等关于感染与疾病主题、细胞精细结构与细胞技术主题、系统生物学和生物信息学及再生医学与干细胞治疗主题做了精彩的研究进展报告与学术交流。线上近百余位师生参与此次论坛。

On January 5th, Embracing the World, Shaping the Future 2022 Annual Academic Conference & International Conference on Integrated Science-Education-Industry for World-Class Universities was successfully held. The sub-forum "BioMed-X" hosted by ZJE was opened online. Prof. Yuehai Ke, Dean of ZJE ZJE, delivered the opening speech. Scientists from the University of Cambridge, the University of Edinburgh, the Wellcome Sanger Institute, and Zhejiang University gave excellent speeches for the topics of infection and disease, cell fine structure and cell technology, systems biology and bioinformatics, regenerative medicine and stem cell therapy. More than 100 students and faculty participated the forum online.

### 学院获批浙江省“十四五”省级重点建设实验教学示范中心 The Centre for International Experimental Biomedical Education of ZJE was listed as the provincial demonstration centre

3月，浙江省教育厅下发了《关于公布普通本科高校“十四五”省级重点建设实验教学示范中心和省级大学生校外实践教育基地立项建设名单的通知》，浙江大学共有7个中心获批，浙江大学爱丁堡大学联合学院（ZJE）国际生物医学实验教学中心（以下简称“中心”）榜上有名。此次入选省级重点建设实验教学示范中心是对ZJE教学实验平台建设阶段性成绩肯定，ZJE也将以此为契机，强化“课堂教学-实验训练-科技创新-转化实践”四环教育链条，进一步夯实本科实验教学基础并凝练国际化特色，为浙江乃至全国生物医学实验教学提供示范。

In March, 2023, Zhejiang Provincial Department of Education issued the Notice on Announcing the Project Construction List of "14th Five-Year Plan" Provincial Key Construction Experimental Teaching Demonstration Center and Provincial Off-campus Practice Education Base for Universities. Zhejiang University has a total of 7 centres approved. The Centre for International Experimental Biomedical Education of ZJE was listed. The selection of the provincial key construction experimental Teaching Demonstration Centre is an affirmation of the phased achievements of ZJE teaching experiment platform construction. ZJE will also take this opportunity to further consolidate the foundation of undergraduate experimental teaching and strengthen the international characteristics, and to provide a demonstration for biomedical experimental teaching in Zhejiang and even the whole country.

### ZJE中方代表团顺利出访英国爱丁堡大学 ZJE leadership team visited Edinburgh

2023年3月12日至17日，浙江大学爱丁堡大学联合学院（ZJE）院长柯越海率团对爱丁堡大学进行了为期5天的访问。这也是联合学院合作双方时隔3年的再次线下会面。此次访问时间虽短，但日程紧凑，成果丰硕，代表团出席活动10余场，分别与爱丁堡大学负责ZJE本、研教学负责人就如何更好地开展本研教育，全方位提升学生素质交换了意见和建议，与师资就进一步优化本研学生培养等进行了深入探讨，与支撑团队交流了实验室管理，并举办针对高层次人才线下专场招聘会一场。

此次出访是ZJE合作双方全面恢复线下交流，合作办学迈入新的历史时期的启幕。未来，双方将发挥自身特色，继续深化人才培养和科学研究方面的合作，资源共享，合作共赢，培养出更多走在世界前沿的生物医学领域人才。

## Highlight

In March, 2023, Prof. Yuehai Ke, Dean of Zhejiang University-University of Edinburgh Institute (ZJE), led the ZJE team to visit The University of Edinburgh (UoE) for five days. It was the first time in three years that the two partners met offline. ZJE team had meetings with teaching directors and admin team of UoE to discuss how to make progress on ZJE cultivation mode, and also held a job fair for postdoc fellows and faculty position.

This visit marks the beginning of the full resumption of offline exchanges between ZJE and UoE and the beginning of a new historical period for the cooperation. In the future, ZJE and UoE will continue to deepen cooperation in talent training, scientific research and resource sharing, and cultivate more cutting-edge biomedical talents in the world.

## 青年领导力论坛暨首届爱丁堡大学浙江校友大会顺利举行 Youth Leadership Forum and the First Zhejiang Alumni Conference of the University of Edinburgh was held successfully

3月25日，青年领导力论坛暨首届爱丁堡大学浙江校友大会在浙江海宁举行，此次活动由爱丁堡大学指导，海宁市人民政府主办，浙江大学爱丁堡大学联合学院（ZJE）协办，爱丁堡大学浙江校友会承办。ZJE院长柯越海教授参与见证爱丁堡大学浙江校友会秘书处的成立，并在论坛发表主旨演讲，指出培养国际视野复合型人才是未来医学人才培养的重点。

本次论坛的成功举办将推动世界一流人才科教资源在此集聚，以国际合作教育样板区建设为契机，实现科教产高水平联动发展。

On March 25th, the Youth Leadership Forum and the First Zhejiang Alumni Conference of the University of Edinburgh was successfully held in Haining. Directed by the University of Edinburgh and hosted by the People's Government of Haining, the forum was co-organized by the Zhejiang University-University of Edinburgh Institute (ZJE), organized by the Zhejiang Alumni Association of the University of Edinburgh, and supported by the Western Returned Scholars Association of Zhejiang Province and the Youth Leadership Institution. Prof. Yuehai Ke, Dean of ZJE, participated in witnessing the establishment of the Secretariat of Zhejiang Alumni Association of the University of Edinburgh, and delivered a keynote speech at the forum, pointing out that cultivating interdisciplinary talents with international vision is the focus of future medical talent training.

The forum showed ZJE's achievements in talent training and university-locality collaboration. ZJE will continue to focus on building a model area for international cooperative education and promoting high-level joint development in science, education and industry.

## ZJE参与举办校园开放日 Campus Open Day was held successfully

3月26日，时隔三年，浙江大学国际校区举行招生校园开放日。让未来的ZJEers与家人有机会实地进行一场探秘之旅，为自己寻找未来的答案。来自全国各地的学生与家长参与到教授、名师面对面交谈，体验实验课，聆听院长宣讲介绍，享受一对一招生政策咨询等环节，收获颇丰，也对选择ZJE选择浙大国际校区更加坚定。



On March 26, after three years, the International Campus of Zhejiang University opened again for public. On the Campus Open Day, potential students and parents from all over the country had a/the chance to participate in face-to-face conversations with professors, experienced experimental classes, listened to the dean's talk, and got one-to-one consultation on admission policy. The journey helped them better know ZJE and Zhejiang University International Campus and become determined to make a choice.

## Voice from ZJEers



**陈晓**  
Xiao Chen  
副院长  
Vice Dean

去年五月，我通过学校的双专计划来到ZJE，而我与ZJE的缘分早在12年成立生物医学专业时就已结下，16年国际校区建成开始，我一直在这里教授相关的课程，可以说是一路见证和参与了浙大生物医学专业的成长。这些年，我看到了ZJE同学在英文水平、演讲能力、逻辑性和探索性等方面的不断提升，ZJE毕业生也实现了90%深造率，40%国外一流大学全奖等成绩，不得不说他们是我见过最优秀的学生，而这些成绩也处处体现了同学的努力和老师们的辛勤付出。

现代医学经历了外科学无菌术，内科抗生素，几代爆发，人均寿命已然翻倍，疾病谱从传染性感染性疾病，走向了衰老退行相关疾病，医学逐渐走向再生医学时代，专业走向交叉融合时代。生物医学和生物信息学是医学、生命科学和转化的交叉融合粘合剂，下一代再生医学的栋梁之材正是紧缺的现代和未来人才。万事俱备，只欠东风，爱丁堡大学开启了现代外科学，期待浙大的ZJE学子启承爱丁堡大学，开创医学新时代。

Last May, I came to ZJE through the ZJU dual specialty programme, and the relationship between me and ZJE began as early as 2012 when the major of biomedical sciences was established. Since the international campus was built in 2016, I have been teaching relevant courses here, and it can be said that I have witnessed and participated in the growth of the biomedical sciences of ZJU. Over the years, I have seen the continuous improvement of ZJE students in diverse abilities, and ZJE graduates also achieved great achievements, and these achievements also reflect the efforts of students and teachers of ZJE.

Now modern medicine is gradually moving to the era of regenerative the era of regenerative medicine and professional integration. Biomedical sciences and biomedical informatics are the glue at the intersection of medicine, life sciences and transformation, and the next generation of regenerative medicine is in short supply for modern and future talents. The University of Edinburgh opened the modern surgery, looking forward looking forward to ZJE students from ZJU to inherit the University of Edinburgh and create a new era of medicine.

## Research Biomed-X 生物医学系列学术讲座 Biomed-X Seminar Series

- 2023.2.22  
Dr. Bo Shan  
Principal Investigator, Institute of Translational Medicine, Zhejiang University  
Topic: Nonadipogenic Role for Adipocyte Precursors
- 2023.3.1  
Dr. Xin Zhang  
School of Science, School of Life Sciences, Westlake Laboratory, Westlake University  
Topic: Chemical Biology of Biological Aggregates in Membraneless Organelles and the Stressed Proteome

## ZJE Weekly Symposium

- 2023.2.17  
Talk1 REEP5 functions with mitofusins to regulate mitochondrial dynamics in response to cellular homeostasis.  
Speaker: Yang Sun  
Lab: Dr. Zhi Hong
- Talk2 Mitochondria regulate the turnover of gap junctions by functioning as microtubule-organizing centers(MTOCs).  
Speaker: Wei Huang  
Lab: Dr. Lingfeng Meng

- 2023.2.24  
Talk1 Deep-learning enhanced integrative analysis for million-level single-cell immune profiling data.  
Speaker: Ziwei Xue  
Lab: Dr. Wanlu Liu
- Talk2 Dissecting regulatory mechanism of different osteogenesis process in BMMSCs and CNCCs.  
Speaker: Xiaohong Pan  
Lab: Dr. Yuan Yuan

- 2023.3.3  
Talk1 Cross-species zoonotic potential of bat SARSr-CoV spike.  
Speaker: Yilun Xie  
Lab: Dr. Aaron Irving
- Talk2 Omics3D: A comprehensive database tool that integrates multi-omics data to unveil the roles of non-coding regions in cancer development.  
Speaker: Xinyan Han  
Lab: Dr. Jian Liu

- 2023.3.22  
Dr. Lim Yoon Pin  
Ningbo Health and Industry Research Institute  
Topic: Breast Cancer Precision Medicine

- 2023.3.24  
Dr. Bin-Zhi Qian  
University of Edinburgh  
Topic: Macrophages in cancer metastasis and therapy resistance

- 2023.3.10  
Talk1 Integrated exosome@miR-26a hydrogel for bone repair.  
Speaker: Xinyu Chi  
Lab: Dr. Xin Xie

- Talk2 A systematic comparison of cell cycle reporter systems in RPE1 and HeLa.  
Speaker: Jinyu Wang  
Lab: Dr. Kuan Yoo Chan

- 2023.3.17  
Talk1 Mechanoresponsive mechanisms regulating cytokinesis under confinement.  
Speaker: Chenxin Wang  
Lab: Dr. Ting Gang Chew

- Talk2 Exceptional diversity and selection pressure on TNRC6A among bats hint at a different role in mRNA regulation.  
Speaker: Xiaomeng Li  
Lab: Dr. Sue Welburn

- 2023.3.31  
Talk1 The SNARE complex formed by RIC-4/SEC-22/SYX-2 promotes membrane repair in C.elegans'epidermal wound.  
Speaker: Qingfang Shao  
Lab: Dr. Suhong Xu

## Welcome



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