

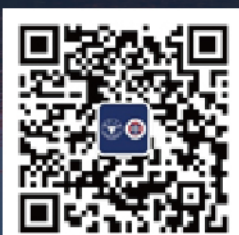
Zhejiang University - University of Edinburgh Institute

浙江大学爱丁堡大学联合学院

2020年 年报

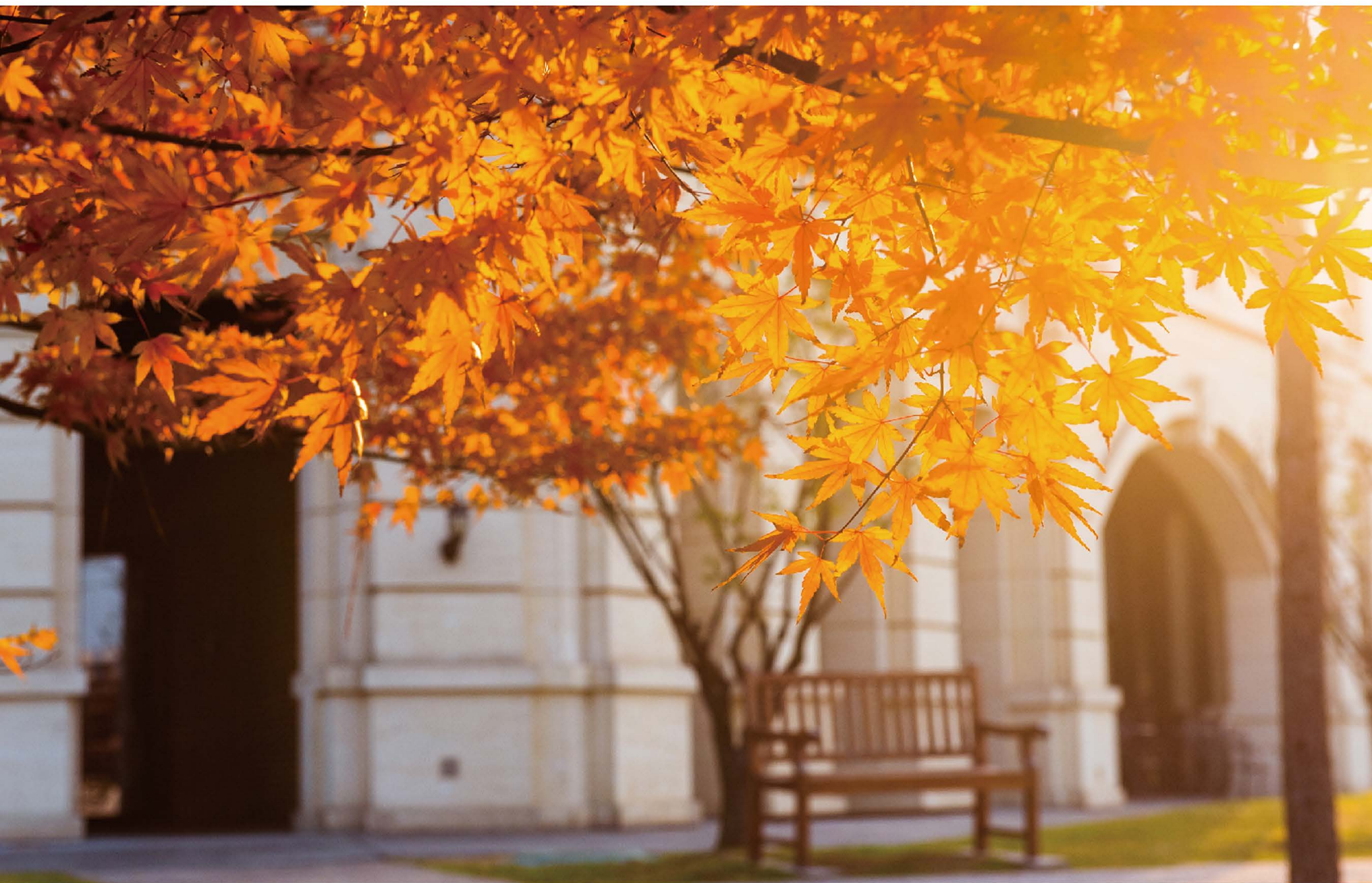
2020 Annual Report

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ZJE 浙江大学爱丁堡大学联合学院
ZJU-UoE INSTITUTE



目录 Contents

- 02** 学院概况
About Us
- 04** 教育教学
Education
- 14** 科学研究
Research
- 20** 师资队伍
Faculty and Staff
- 36** 活动
Activities

I

学院概况

About Us



浙江大学爱丁堡大学联合学院 (ZJU-UoE Institute, Zhejiang University) 是两所世界百强高校：浙江大学 (2020/21QS 53名) 和英国爱丁堡大学 (2020/21QS 20名)，合作设立的非独立法人中外合作办学机构。联合学院的设立旨在依托两校办学优势和人文底蕴，融合东西方教育特色，汇集国际一流师资，吸引世界各地优秀学子，培养具有卓越学识，创新精神和国际视野的生物医学优秀人才。两校依托联合学院在教学、科研和社会服务领域开展全面合作，力争将联合学院建设成为彰显两校优势的人才培养和科技创新基地。

浙江大学爱丁堡大学联合学院的成立是浙江大学和爱丁堡大学两所强校平等互信，精诚合作的结果。从2011年两校合作举办第一届生物医学双边学术研讨会始，至2012年两校合作于中国大陆首开生物医学专业 (3+1)，到2013年两校洽谈将合作升级为双学位本科+研究生教育，直至2016年2月联合学院获教育部批准成立，两校教职员工为合作投入了无数心血，以浙大为保障，叠加国际名校，创造“浙大PLUS”先进高等教育模式。

截止2020年11月30日，联合学院共设有生物医学、生物信息学两个双学位本科专业，一个双学位博士项目，一个浙大单学位硕士项目。在校本科生356人 (含留学生11人)，在校研究生74人 (含留学生7人)。双学位项目学生同时注册浙江大学和爱丁堡大学学籍，学制内学习均在浙江大学完成。顺利完成学业并且达到两校毕业要求者，将被授予爱丁堡大学学士学位、浙江大学学士学位，并获得浙江大学毕业证书。

The Zhejiang University-University of Edinburgh Institute (ZJU-UoE Institute) is a collaboration in the field of Biomedical Sciences between Zhejiang University in China and The University of Edinburgh in Scotland, United Kingdom. These two premier universities have established a joint international research institute at the International Campus of Zhejiang University in Haining, Zhejiang, building on the existing strengths of both institutions to foster collaborations in undergraduate and postgraduate teaching and research. The Institute will provide education programmes that promote academic excellence, leadership, innovative and global vision in the next generation of Biomedical Scientists. At full capacity, the ZJU-UoE Institute will host 600 undergraduate and 300 postgraduate students.

Our programme brings together the extensive knowledge and expertise of academic staff in the Zhejiang University School of Basic Medical Sciences and from the School of Biomedical Sciences from the Edinburgh Medical School. This new and exciting collaboration is the first of its kind for both universities, offering a unique opportunity in biomedical science training. Our "ZJU PLUS" advanced higher education model will bring students into a scientific field of critical importance for health and wellbeing in the 21st century.

As of 30 November, 2020, ZJU-UoE Institute has two dual degree undergraduate programmes of biomedical science and biomedical informatics, one dual degree PhD programme and one ZJU master degree programme. There are 356 undergraduates (including 11 international students) and 74 Postgraduate students (including 7 international students).

II

教育教学

Education



2020年ZJE建设沉浸式国际化创新人才培养模式，继续推进双学位的本-博培养体系的发展，同步发展研究生教育。学院立足优势学科建设，交叉融合各学科研究战略，助力学校双一流建设。

The ZJE institute initialized education internationalization and collaboration for the propose of creating an innovative education model. In 2020 ZJE continued to adhere to the dual degree training system, and develop the graduate education at the same time. ZJE based on the construction of advantageous disciplines, crossly integrate the research strategies of various disciplines and contributed to disciplinary development of ZJU.



本科生教学

Undergraduate Teaching

ZJE共开设两个双学位本科专业，生物医学与生物信息学，在读生356人，其中国际生11人。生物医学专业入选国家第一批一流本科专业建设点；《整合生物医学科学1》(IBMS1)及《神经科学原理3》(PoN3)入选学校一流本科课程建设清单。ZJE has Biomedical Sciences and Biomedical Informatics two undergraduate programmes with a total of 356 students, among whom 11 are international students. Biomedical Sciences was selected into the first batch of national first-class undergraduate programme development sites; IBMS1 and PoN3 were selected into the ZJU first-class undergraduate curriculum development list.

①招生情况/Enrollment

2020年，ZJE在全国12个省市招收本科生，共注册报到学生108人（包含国际学生2人）。本年度不仅生源地更加丰富、录取人数更多，同时生源质量也更优秀：浙江省最高录取名次全省41名，也是浙江大学2020年最高名次。

In 2020, ZJE recruited undergraduates in 12 provinces and cities across China. A total of 108 registered students (including 2 international students) are enrolled on our programme. This year, not only the number of students enrolled is increasing, but also the quality of students is higher: The highest ranking of enrolled students from Zhejiang Province is 41, which heads the ranking of Zhejiang University undergraduates enrollment in the year 2020.

②毕业生/Graduates

2020年，ZJE首届双学士学位毕业并取得可喜成果。毕业生共17人，其中14名同学（82.4%）被海外及香港名校录取并全部获得奖学金资助，3位同学国内保研，毕业生录取率100%。

In 2020, first cohort of graduates graduated with a dual degree from ZJE. Among the 17 graduates, 14 (82.4%) received offers from overseas and Hong Kong famous universities and all of them were granted scholarships. 3 of them got domestic postgraduate recommendation.



2016级ZJE首届双学士学位毕业生获得offer情况
2020 ZJE Graduates' Offers

姓名 Name	录取学校 Offer	硕博项目 Programme
蒋同学 Jiang	普林斯顿大学 Princeton University 杜克大学 Duke University 康奈尔大学 Cornell University Scripps研究所 Scripps Research Institute 密歇根大学安娜堡分校 University of Michigan, Ann Arbor 德克萨斯大学西南医学中心 UT Southwestern Medical Center 新加坡国立大学 National University of Singapore 贝勒医学院 Baylor Medical College	博士PhD
王同学 Wang	欧洲分子生物学实验室 European Molecular Biology Laboratory 新加坡国立大学 National University of Singapore 爱丁堡大学 The University of Edinburgh	博士PhD 硕士 Master
谢同学 Xie	杜克大学 Duke University	博士PhD
顾同学 Gu	Scripps研究所 Scripps Research Institute	博士PhD
陈同学 Chen	MD Anderson癌症中心 MD Cancer Research Center 墨尔本大学WEHI University of Melbourne	博士PhD
秦同学 Qin	新加坡国立大学 National University of Singapore 马萨诸塞大学 University of Massachusetts 莱斯大学 Rice University 爱丁堡大学 The University of Edinburgh 纽约大学 New York University	博士PhD 硕士 Master
周同学 Zhou	新加坡国立大学 National University of Singapore 德累斯顿工业大学 Technische Universität Dresden 爱丁堡大学 The University of Edinburgh	博士PhD 硕士 Master

姓名 Name	录取学校 Offer	硕博项目 Programme
颜同学 Yan	浙江大学 (浙江大学爱丁堡大学联合学院) Zhejiang University	博士PhD
许同学 Xu	浙江大学 (浙江大学爱丁堡大学联合学院) Zhejiang University	博士PhD
叶同学 Ye	浙江大学 Zhejiang University	博士PhD
李同学 Li	爱丁堡大学 The University of Edinburgh 加州大学洛杉矶分校 University of California, Los Angeles 塔夫茨大学 Tufts University 西奈山伊坎医学院 Icahn School of Medicine at Mount Sinai	博士PhD 硕士 Master
韩同学 Han	加州大学圣迭戈分校 University of California, San Diego 爱丁堡大学 The University of Edinburgh	博士PhD 硕士 Master
陈同学 Chen	爱丁堡大学 The University of Edinburgh	硕士 Master
覃同学 Qin	爱丁堡大学 The University of Edinburgh	硕士 Master
张同学 Zhang	爱丁堡大学 The University of Edinburgh	硕士 Master
蔡同学 Cai	爱丁堡大学 The University of Edinburgh	硕士 Master
周同学 Zhou	爱丁堡大学 The University of Edinburgh 香港城市大学 City University of Hong Kong	硕士 Master

③ 科研训练/Research Training

在2020年浙江大学SRTP(Student Research Training Programme)中, 学院18级学生主导立项的SRTP科研训练共获得2项国家级立项, 3项省级立项, 7项校级立项, 9项院级立项。同时由17级学生主导立项的SRTP科研实践获2项立项。

In 2020 ZJU SRTP (Student Research Training Programme), the 2018 cohort of ZJE students established 2 national-level projects, 3 provincial-level projects, 7 school-level projects and 9 institute-level projects. Meanwhile, SRTP scientific research practice led by the 2017 cohort of ZJE students established two projects.

④ 海内外交流/Overseas and Domestic Exchanges

面对新冠疫情的冲击, 学生们2020年的海内外交流都受到了一定的限制。但他们依旧通过线上线下相结合的方式积极参与交流活动。

Due to the impact of COVID-19, there were fewer student overseas and domestic exchanges in 2020 compared to previous years. However, students still actively participated in exchange activities both online and offline.

▶ 2017级学生赴爱丁堡大学参加冬令营 (疫情爆发前)

2017 cohort students attended ZJE winter school at the University of Edinburgh.



▶ 参加线上线下的学术训练项目

ZJE student participated in online and on-site academic training programmes

线上:

清华大学北京大学生命中心暑期综合云夏令营
斯坦福大学学术训练线上项目
美国北卡罗莱纳州立大学2020年夏季网络科研/实习项目
美国加州大学圣地亚哥分校M1 input-DLC 项目等

线下:

参与浙江大学、北京大学、昆山杜克大学等暑期实验室科研训练项目

Online:

Tsinghua University-Peking University Joint Center for Life Sciences (TPCLS) Summer School
Stanford University academic training programme
North Carolina State University 2020 Summer Online Data Science Programme
University of California San Diego M1 input-DLC Project etc.

On-site:

Summer laboratory research and training projects of Zhejiang University, Peking University, Kunshan Duke University, etc.

▶ 社会实践与实习项目

Social Practice and Internship



ZJE学生利用暑期时间参与社会实践与实习项目，脚步遍布浙江、安徽、四川、云南等地。他们参与志愿者活动，回访母校，亲历扶贫支教第一线，同时参与生物医学产业相关的调研探索，脚踏实地践行理想。

During the summer vacation, ZJE students participated in internship and practice. They participated in volunteer activities, experienced the front line of poverty alleviation and education, and participated in the research and exploration related to the biomedical industry, and put their ideals into practice.

Participated in summer laboratory research and training projects of Zhejiang University, Peking University, Kunshan Duke University, etc

⑤ 奖励荣誉/Awards

2019-2020学年我院本科生共获得：国家奖学金4人、浙江省政府奖学金8人、小米奖学金1人、南都创新奖学金1人、尚德学子奖学金1人、浙江大学奖学金78人（一等12人、二等19人、三等47人）、浙江大学优秀学生24人、浙江大学“标兵”系列荣誉称号123人、学院学业奖学金66人（一等8人、二等21人、三等37人）。

同时，生物医学专业王同学参与的项目获得SensUs2020国际大学生生物传感器设计大赛国际金奖，公众启发奖第一名、浙江大学第十二届“蒲公英”大学生创业大赛决赛一等奖。

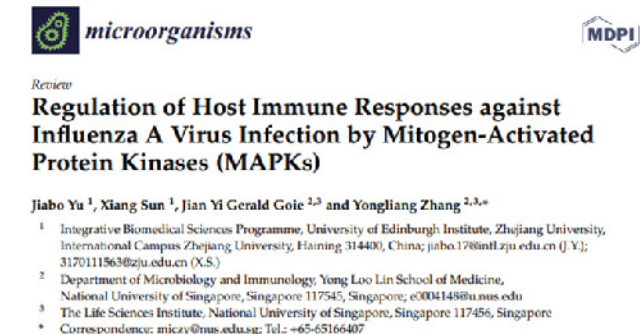
In the academic year of 2019-2020, ZJE students has won 4 national scholarships, 8 Zhejiang provincial government scholarships, 1 Xiaomi scholarship, 1 Nandu innovation scholarship, 1 Shangde student scholarship, 78 Zhejiang University Scholarships (12 first-class, 19 second-class, and 47 third-class students), 24 outstanding students of Zhejiang University, 123 honorary titles of "model" of Zhejiang University, and 66 academic scholarship of ZJE(8 first-class, 21 second-class and 37 third-class).

At the same time, one student won the International Gold Award in SensUs2020 international undergraduate biosensor design competition, the first prize in the public inspiration award, and the first prize in the final of the 12th "Dandelion" undergraduate entrepreneurship competition of Zhejiang University.

⑥ 文章发表及专利项目/Publications&Patents

2020年ZJE本科生在高水平国际学术期刊发表优秀文章，截至2020年11月30日，ZJE学生以第一作者身份发表文章2篇，参与发表文章4篇，同时获批专利2项，彰显了ZJE学生的学术风采。

In 2020, ZJE undergraduate students have published excellent articles in high-level international academic journals. As of 30 November 2020, ZJE students published 3 articles as the first author, participated in the publication of 4 articles, and invented 2 patents, highlighting great academic abilities of ZJE students.



⑦ 实习基地/Practice Base

2020年8月4日，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正式成立。2020年8月27日，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正式成立。学院为学生打造了“课堂学习-实验训练-科技创新-服务社会”的全链条人才培养模式。

On 4 August 2020, ZJE and DIAN Diagnostics student practice base was officially established. On 27th August 2020, ZJE and Suzhou Industrial Park student practice base was officially established. ZJE has created a full chain talent training mode for student: Class learning- Experimental training-Technological innovation-Service of Society.



本年度，ZJE研究生在高水平国际学术期刊共发表11篇文章，其中以第一作者身份发表文章7篇。同时获批专利1项，参与国自然重点项目1项以及省研究基金1项。

同时，我院硕博研究生2019-2020学年共有国家奖学金1人、南都二等奖学金1人、南都三等奖学金1人、优秀研究生6人、三好研究生（博）3人、社会实践奖1人、社会工作奖1人，同时学院一名博士研究生获得国家留学基金委国际创新人才项目资助。

This year, ZJE postgraduates published 11 articles in high-level international academic journals, including 7 as the first author. At the same time, our students invented 1 patent, and participated in 1 national key natural project and 1 provincial research fund.

At the same time, ZJE postgraduate students won 1 national scholarship, 1 Nandu second class scholarship, 1 Nandu third class scholarship, 6 excellent graduate students, 3 Sanhao postgraduates (Doctoral), 1 Social Practice Award, 1 Social Work Award, and 1 PhD student won the international innovation talent programme of China Scholarship Council.

研究生教学 Postgraduate Teaching

2020年，学院的双学位博士项目注册报到博士研究生22人，包括留学生2人。同时，学院全面启动浙江大学单学位学术型硕士研究生项目，课程涵盖了生物科技和基础医学的相关课程，首次招生20人。截至2020年12月，学院研究生共有74人（留学生7人）。

In 2020, ZJE dual award PhD programme enrolled 22 students (include 2 international students). Meanwhile, ZJE launched the ZJU single degree academic postgraduate programme with courses of biotechnology and basic medicine, and a total of 20 postgraduates were enrolled for the first time. As of December 2020, there were 74 students (including 7 international students) in ZJE postgraduate programmes.



III

科学研究

Research



2020年度，学院获批国家自然科学基金面上项目1项，青年科学基金项目3项；浙江省自然科学基金1项；中国博士后科学基金2项；浙江省博士后科研项目1项；浙江大学-康奈尔大学国际合作种子基金1项；病毒感染性疾病防控基金1项。以通讯作者单位发表SCI论文69篇，平均影响因子为6.78+。

In 2020, ZJE has gained 4 National Natural Science Foundation programs including 1 General Program and 3 Youth Scientists Funds, 1 Natural Science Funds of Zhejiang Province, 2 projects of China Postdoctoral Science Foundation, 1 excellent funding of Department of Human Resources and Social Security of Zhejiang Province, 1 Zhejiang University-Cornell University International Cooperation seed fund, and 1 Fund for prevention and control of viral infectious diseases.

As to publications, ZJE has published 69 SCI papers this year, and the average impact factor is 6.78+.



2020 ZJE科研项目 / Research Programme

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 National Natural Science Funds of China 面上项目General Project	自发性钙振荡调控星形胶质细胞突起极性生长的功能和分子机制研究 The mechanism study of spontaneous calcium oscillation in astrocyte process growth via regulating endosome/lysosome translocation	洪智 Zhi Hong
国家自然科学基金委 National Natural Science Funds of China 青年科学基金项目 Youth Scientists Fund	刺激响应人造蛋白水凝胶的研发和组织工程应用 Design of Stimuli-Responsive Silk-Elastin-Like Protein Hydrogels for Tissue Regeneration.	黄雯雯 Wenwen Huang
国家自然科学基金委 National Natural Science Funds of China 青年科学基金项目 Youth Scientists Fund	MSCs细胞片复合仿生“分子胶水”修复关节软骨表浅型缺损的研究 MSCs cell sheets combined with biomimetic “molecular glue” for the repair of partial-thickness cartilage defect	王小召 Xiaozhao Wang

部分论文 / Part of Publications

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 National Natural Science Funds of China 青年科学基金项目 Youth Scientists Fund	软骨细胞扩增中时序性表型变化的高分辨率和精准调控 High-Resolution Dissection and Precise Regulation of Chondrocyte Temporal Phenotypes during Cell Expansion	陈奕姗 Yishan Chen
浙江省自然科学基金委员会 National Natural Science Funds of Zhejiang Province 探索类项目 Exploration projects	MZIP2相互作用蛋白在DNA同源重组中的作用和分子机制 Molecular mechanism of MZIP2-interacting protein in regulating DNA homologous recombination	张倩婷 Qianting Zhang
中国博士后科学基金 China Postdoctoral Science Foundation	高分辨率软骨细胞扩增中功能表型的时序性变化 High-resolution dissection of the time-lapse changes of functional phenotypes in chondrocyte expansion	陈奕姗 Yishan Chen
中国博士后科学基金 China Postdoctoral Science Foundation	PTEN调控造血干细胞的机制研究 Study on the mechanism of PTEN regulating hematopoietic stem cells	王晓玲 Xiaoling Wang
浙江省博士后科研项目 Excellent funding of department of human resources and social security of Zhejiang Province	Study on the characteristics of Pseudomonas phage for treatment	Prasanth Manohar
浙江大学-康奈尔大学国际合作种子基金 Zhejiang University -Cornell University International Cooperation seed fund	Multistimuli-responsive silk-elastin-like protein hydrogels for dynamic biomaterials	黄雯雯 Wenwen Huang
病毒感染性疾病防控基金 (浙大联合校友企业拼多多共同设立) Fund for prevention and control of viral infectious diseases	用于新型诊断和治疗工具开发的2019新型冠状病毒分子、临床和社会流行病学分析 New coronavirus (2019 nCoV) pneumonia emergency research project: Molecular, clinical and socio-epidemiological analyses of 2019 nCoV for the development of novel diagnostic and therapeutic tools	Susan Welburn

所有作者 All Authors	论文标题 Title	杂志名称 Journal	期卷号 Time & Doi
A.Banerjee, A.C. Doxey, K. Mossman, Aaron T. Irving	Unravelling the zoonotic origin and transmission of SARS-CoV-2.	Trends in Ecology & Evolution	https://doi.org/10.1016/j.tree.2020.12.002
Aaron T. Irving , QianZhang ¹ , Pui-SanKong, KatarinaLuko, PritishaRozario, MingWen, FengZhu, PengZhou, Justin H.J.Ng, Radoslaw M.Sobota, Lin-FaWang	Interferon Regulatory Factors IRF1 and IRF7 Directly Regulate Gene Expression in Bats in Response to Viral Infection	Cell Reports	https://doi.org/10.1016/j.celrep.2020.108345
Chen Y , Wu B, Lin J , Yu D, Du X, Sheng Z, Yu Y, An C, Zhang X, Li Q, Zhu S, Sun H, Zhang X, Zhang S, Zhou J, Bunpetch V, El-Hashash A , Ji J, Ouyang H .	High-Resolution Dissection of Chemical Reprogramming from Mouse Embryonic Fibroblasts into Fibrocartilaginous Cells.	Stem Cell Reports.	2020 Mar 10; 14(3):478-492. doi: 10.1016/j.stemcr.2020.01.013. Epub 2020 Feb 20.
Choudhury NR, Heikel G, Michlewski G .	TRIM25 and its emerging RNA-binding roles in antiviral defense.	Wiley Interdiscip Rev RNA.	2020 Jul; 11(4):e1588. doi: 10.1002/wrna.1588. Epub 2020 Jan 28.
Cong XX, Gao XK, Rao XS, Wen J, Liu XC, Shi YP, He MY, Shen WL, Shen Y, Ouyang H , Hu P, Low BC, Meng ZX, Ke YH, Zheng MZ, Lu LR , Liang YH, Zheng LL, Zhou YT .	Rab5a activates IRS1 to coordinate IGF-AKT-mTOR signaling and myoblast differentiation during muscle regeneration.	Cell Death Differ.	2020 Aug; 27(8):2344-2362. doi: 10.1038/s41418-020-0508-1. Epub 2020 Feb 12.
Du X , Chen Y , Zhang Q, Lin J , Yu Y , Pan Z , Sun H , Yuan C , Yu D , Wu H , Zhang X , Dai J , Zhu S , Zhou Y , Ouyang H .	Ezh2 Ameliorates Osteoarthritis by Activating TNFSF13B.	J Bone Miner Res.	2020 May; 35(5):956-965. doi: 10.1002/jbmr.3952. Epub 2020 Feb 3.
Fu H, Zhou H , Yu X, Xu J , Zhou J, Meng X, Zhao J, Zhou Y, Chisholm AD, Xu S .	Wounding triggers MIRO-1 dependent mitochondrial fragmentation that accelerates epidermal wound closure through oxidative signaling.	Nature Communication.	2020 Feb 26; 11(1):1050. doi: 10.1038/s41467-020-14885-x.

部分论文 / Part of Publication

所有作者 All Authors	论文标题 Title	杂志名称 Journal	期卷号 Time & Doi
He Q, Liao Y, Zhang J, Yao X, Zhou W, Hong Y, Ouyang H.	"All-in-One" Gel System for Whole Procedure of Stem-Cell Amplification and Tissue Engineering.	Small.	2020 Apr; 16(16):e1906539. doi: 10.1002/smll.201906539. Epub 2020 Mar 5.
Jin X, Xu Q, Pu C, Zhu K, Lu C, Jiang Y, Xiao L, Han Y, Lu L.	Therapeutic efficacy of anti-CD19 CAR-T cells in a mouse model of systemic lupus erythematosus.	Cell Mol Immunol.	2020 May 29. doi: 10.1038/s41423-020-0472-1.
Wan X, Pinto F, Yu L, Wang B.	Synthetic protein-binding DNA sponge as a tool to tune gene expression and mitigate protein toxicity	Nature Communication.	2020 Nov 24;11(1):5961. doi: 10.1038/s41467-020-19552-9.
Wei W, Ma Y, Yao X, Zhou W, Wang X, Li C, Lin J, He Q, Leptihn S, Ouyang H.	Advanced hydrogels for the repair of cartilage defects and regeneration	Bioactive Materials	https://www.sciencedirect.com/science/article/pii/S2452199X20302504
Zhang J, Zhang X, Hong Y, Fu Q, He Q, Mechakra A, Zhu Q, Zhou F, Liang R, Li C, Hu Y, Zou Y, Zhang S, Ouyang H.	Tissue-Adhesive Paint of Silk Microparticles for Articular Surface Cartilage Regeneration.	ACS Appl Mater Interfaces.	2020 May 20; 12(20):22467-22478. doi: 10.1021/acsami.0c01776. Epub 2020 May 12.
Zhou F, Hong Y, Liang R, Zhang X, Liao Y, Jiang D, Zhang J, Sheng Z, Xie C, Peng Z, Zhuang X, Bunpetch V, Zou Y, Huang W, Zhang Q, Alakpa E, Zhang X, Ouyang H	Rapid printing of bio-inspired 3D tissue constructs for skin regeneration	Biomaterials	2020 August; 258, 120287. https://doi.org/10.1016/j.biomaterials.2020.120287
Yin Z, Lin J, Yan R, Liu R, Liu M, Zhou B, Zhou W , An C, Chen Y, Hu Y, Fan C, Zhao K, Wu B, Zou X, Zhang J, El-Hashash A , Chen X, Ouyang H.	Atlas of Musculoskeletal Stem Cells with the Soft and Hard Tissue Differentiation Architecture	Advanced Science	https://onlinelibrary.wiley.com/doi/full/10.1002/advs.202000938

本年度，公共技术平台和实验动物平台落成，同时获批成立生物医学与工程转化浙江省国际科技合作基地。

This year, ZJE core facility and laboratory animal facility were completed, and BioMedical and Engineering Translation International Collaboration Center (BiMET) was established.



IV

师资队伍

Executive and Faculty

我们拥有一支浙江大学、爱丁堡大学兼聘及全球招聘的优秀教授们组建的精英教学队伍，他们是知名专家，学术大师，具有国际竞争力的青年才俊。80%的全职师资博士来源学校为全球排名TOP100的名校，67%的博士后博士毕业于全球排名TOP100的名校，培养“知识 能力 视野和人文”四层兼备的立体生物医学人才是他们的共同目标。

Our faculty comprises distinguished professors, famous experts, experienced senior teaching fellows and outstanding young scholars from Zhejiang University, the University of Edinburgh and from global recruitment. 80% of ZJE full-time faculty graduated from the world's top 100 universities, 67% of ZJE postdoctoral fellows graduated from the world's top 100 universities. Our team aims to foster future exceptional biomedical scientists in all aspects of "knowledge, ability, vision and society".



2020成果与荣誉

2020 Awards

学院生物医学专业入选国家第一批一流本科专业建设点；《整合生物医学科学1》及《神经科学原理3》入选学校一流本科课程建设清单。ZJE Biomedical Sciences was selected into the first batch of national first-class undergraduate programme development sites; IBMS1 and PoN3 were selected into the ZJU first-class undergraduate curriculum development list.

学院获批成立生物医学与工程转化浙江省国际科技合作基地。

BioMedical and Engineering Translation International Collaboration Center (BiMET) was established in ZJE

浙江大学爱丁堡大学党支部获浙江大学先进基层党组织称号

ZJE Party Branch won Advanced Party Organizations of Zhejiang University

欧阳宏伟：浙江大学永平奖；浙江省自然科学奖一等奖；美国医学与生物工程院（AIMBE）Fellow
Prof. Hongwei Ouyang: Zhejiang University Yong Ping Award, First prize of Zhejiang Province Nature Science Award, AIMBE College of Fellows class of 2020

Sue Welburn：南湖友谊奖

Prof. Sue Welburn: Nanhu Friendship Award

鲁林荣：浙江大学第十届“三育人”先进个人奖

Prof. Linrong Lu: The 10th Advanced Individual Award of "Three Educations" of Zhejiang University

Mikael Bjorklund：浙江大学2019年度校级先进工作者

Dr. Mikael Bjorklund: the Advanced Individual of Zhejiang University in 2019

黄雯雯：2019年浙江省“万人计划”青年拔尖人才

Dr. Wenwen Huang: 2019 Zhejiang Province "10 Thousand Talent Programme" - Outstanding Young Scholar

刘琬璐：浙江大学青年教师教学竞赛优胜奖

Dr. Wanlu Liu: Teaching Competition for Young Faculty of Zhejiang University-Prize for Excellence

Prasanth Manohar：欧洲临床微生物与感染性疾病学会 全球30位30岁以下杰出科研工作者称号

Dr. Prasanth Manohar: ECCMID 30 Under 30 (30 outstanding young scientists 30 years of age or younger)

领导

Executive

欧阳宏伟 Hongwei Ouyang

浙江大学爱丁堡大学联合学院院长 (至2020年9月)

Dean of ZJU-UoE Institute (to September, 2020)

浙江大学国际联合学院 (海宁国际校区) 常务副院长

Executive Vice Dean of International Campus, Zhejiang University



浙江大学国际联合学院 (海宁国际校区) 常务副院长, 浙江大学医学院副院长, 浙江大学求是特聘教授, 干细胞与再生医学及运动医学博士导师, 爱丁堡大学荣誉教授, 创建国内第一个生物医学专业, 为本领域培养创新人才, 带领学院获得“国家教育先进集体”荣誉。

先后入选国家杰出青年基金项目(运动医学)、全国骨科医师协会的“首届骨科十佳青年医生”, 爱思唯尔2015年2016年和2017年中国生物医学工程高被引学者, 中国生物工程学会组织工程与再生医学分会候任主任委员, 十三五国家生物材料和人工器官重大研发计划专家组副组长, 十三五国家主动健康与老年应对科技专项组专家, 十三五国家干细胞重大研发计划的干细胞扩增项目首席科学家, 国际骨科联合研究学会会士(ICORS Fellow), 国际软骨修复学会中国部(ICRS-China) 副主席, 国际生物材料学会会刊Biomaterials编委, 国际期刊ACS Biomaterials Science & Engineering和Bio-Design & Manufacturing编委, 浙江省组织工程与再生医学技术重点实验室主任, 美国医学与生物工程院 (AIMBE) Fellow。

Positions Held & Honor

Vice-Dean of School of Medicine, Zhejiang University

Vice Dean of International Campus, Zhejiang University

The “Qiu-shi” Distinguished Professor, Zhejiang University

Honorary Professor, The University of Edinburgh

Professor in Sports medicine & Stem Cells and Regenerative Medicine

Adjunct Professor, School of Biomedical Sciences, Chinese University of Hong Kong

Awardee of the National Science Fund for Distinguished Young Scholars (Jie-Qin)

Professor Hongwei Ouyang devotes himself to multidisciplinary research and education for musculoskeletal system restoration and regeneration, leading the team to make outstanding progress in the field of regenerative medicine. In the last 10 years, he has initiated and demonstrated the first clinical application of tissue-engineered cartilage transplantation technology and has accelerated the translational research of innovative silk medical implants in China. He has established a research system of multidisciplinary intersection and upstream-downstream integration and has promoted the development of joint surgery from replacement to regeneration. He has more than 70 research papers published on journals with impact factors higher than 10.0.



Sue Welburn

浙江大学爱丁堡大学联合学院执行院长

Executive Dean of ZJU-UoE Institute

曾任爱丁堡大学副校长, 中英合作办学联盟会首届主席。Welburn教授同时担任英国皇家医学院成员(FRSB), 爱丁堡皇家学院会员(FRSE)和全球健康协会副会长。2018年荣获爱丁堡大学优秀校长荣誉。

Welburn教授致力于南半球疾病控制研究, 在肯尼亚、摩洛哥、莫桑比克、坦桑尼亚、乌干达、尼日利亚、赞比亚和桑给巴尔等国家均有开展相关项目。Welburn教授发表了318篇科学论文, 涉及撒哈拉以南非洲地区的“基层”实地调查到基于实验室的基因层面的问题剖析。论文被引用超过8873次, 获得的研究经费超过3千万英镑。她先后指导过52位博士和6位硕士研究生, 包含来自欧洲、美洲、非洲和亚洲等地区的学生, 现今工作在动物疾病管理的各个领域。由于她在发展远程教研教学上的出色工作, 2011年她被授予爱丁堡大学校长勋章。

Positions Held & Honors

1996-1999 - Wellcome Trust Career Development Fellow.

2011 - Chancellor's Award for outstanding contribution to teaching, The University of Edinburgh

2014 - Honored for “Outstanding contribution to sleeping sickness control in Uganda” by the Honorable Minister of Agriculture, Food and Fisheries, Government of Uganda.

2014 - Research ranked in top 20 of all UK research for Development Impact

<http://www.ukcds.org.uk/the-global-impact-of-uk-research>

2015 - Fellow, Royal Society of Edinburgh (FRSE).

2014 - Fellow, Royal Society of Tropical Medicine (FRSTM).

2013 - Fellow, Royal Society of Biology (FRSB).

2018 - Co-Chair, UK China Joint Alliance, British Council.

Prof. Welburn has a strong commitment to research focusing on interventions for disease control in the Global South, in Africa and S E Asia. Prof. Welburn has published 318 scientific research papers ranging from ‘grass-roots’ fieldwork across sub-Saharan Africa to laboratory-based dissection of the problems at the gene level. Her work has been cited over 8873 times and h-index is 49 arising from >£30 million in research support. Prof. Welburn has supervised 52 PhD and 6 MSc research students from Europe, the Americas, Africa and Asia, working on all aspects of Zoonotic disease management. Prof. Welburn has a strong commitment to career development of young scientists. She was awarded the Chancellor's Medal in 2011 by HRH The Princess Royal, Princess Anne, Chancellor of The University of Edinburgh for her work on development of research-led distance learning MScs.

领导

Executive

鲁林荣 Linrong Lu

浙江大学爱丁堡大学联合学院副院长（目前主持工作）

Vice Dean of ZJU-UoE Institute



浙江大学医学院任免疫学研究所任教授，博士生导师，爱丁堡大学荣誉教授，任中国细胞生物学会免疫细胞分会秘书长，中国免疫学会感染免疫学分会常委委员，浙江大学学术委员会青年委员，Senior Editor of American Journal of Clinical and Experimental Immunology 和《中国免疫学杂志》编委。

2016年入选中组部万人计划 2014年科技部中青年科技创新领军人才 2014年国家杰出青年基金获得者 2013年获国家杰出青年基金资助 2010年教育部新世纪优秀人才获得者。在国际著名刊物如 Nature Immunology, Immunity, J. Exp. Med., PNAS和Mol. Cell. Biol. 等杂志发表研究论三十多篇，并在Immunological Reviews 和Cellular and Molecular Immunology 应邀撰写综述评论文章。

Positions Held & Honors

The "Qiu-Shi" distinguished professor, Zhejiang University

New century talent in 2010 (Ministry of education)

Awardee of National Outstanding Youth Fund in 2013

Awardee of Young and middle-aged leading scientists engineers and innovators in 2014, Ministry of science and technology

Member of the Standing Committee of Immunology & Infection Branch, Chinese Society for Immunology

Member of Youth Academic Committee of Zhejiang University

The Secretary General of the Immune Cell Biology Branch, Chinese Society of Cell Biology

Professor Lu has published over 40 academic research and review papers in internationally renowned journals such as Nature Immunology, Immunity, J. Exp. Med., PNAS and BLOOD. He has received numerous awards including the National Outstanding Youth Fund and the leading talent for science and technology innovation of middle and young age. He is currently a member of the Standing Committee of the Infectious Immunology Branch of the Chinese Immunology Society and the Secretary General of the Immune Cell Division of the Chinese Cell Biology Society. He also served as editors for several Immunology Journals, including the American Journal of Clinical and Experimental Immunology, Cellular and Molecular Immunology (CMI), Chinese Journal of Immunology and Frontiers in Immunology.



陈晔 Ye Chen

浙江大学爱丁堡大学联合学院副院长

Vice Dean of ZJU-UoE Institute

历史本科，哲学硕士，以学生思想政治辅导员身份参加工作，一直从事高校行政管理至今。涉略过招生、研究生教学、学位申请、博士后管理和学科建设等工作，尤其是有十多年的组织和人力资源管理工作经历。2018年被浙江省教育厅工会评为第十五届“事业家庭兼顾型”先进个人。

Positions Held & Honors

1993.08-1999.09 Staff, Office of Student affairs, Zhejiang Medical University

1999.09-2003.06 Vice Director, Office of Postgraduate Education, Zhejiang University School of Medicine

2003.06-2004.07 Staff, Office of Student affairs, Zhejiang University School of Medicine

2004.07-2009.09 Vice Director, Office of Human Resources, Zhejiang University School of Medicine

2004.12 Associate Professor of Higher Education Management

2009.09-2017.03 Director, Office of Human Resources, Zhejiang University School of Medicine



领导
Executive

徐素宏 Suhong Xu
浙江大学爱丁堡大学联合学院副院长
Vice Dean of ZJU-UoE Institute



浙江大学“百人计划”研究员，博士生导师。主要研究方向为组织器官创伤修复和再生，线粒体和内质网的动态互作和应激。

工作经历：

2018.07-至今 浙江大学医学院附属第二医院 双聘教授

2017.06-2018.06 浙江大学医学院附属妇产科医院 院长助理（挂职）

2015.12-至今 浙江大学医学院研究员，博士生导师

2014.06-2015.11 加州大学圣地亚哥分校（UCSD），助理研究科学家

Professor Suhong Xu is a researcher of "hundred people plan", doctoral supervisor of Zhejiang University School of Medicine. His main research interests are tissue repair and regeneration, mitochondrial and ER contact and dynamic responses.

Work Experiences:

2018.07-present The second affiliated hospital of Zhejiang University school of Medicine, professor.

2017.06-2018.06 Women's hospital school of Medicine Zhejiang University, Assistant to the Dean.

2015.12-present Zhejiang University School of Medicine, researcher and doctoral supervisor.

2014.06-2015.11, University of California, San Diego (UCSD), assistant research scientist.

全职师资
Full-time Faculty

David Edward Arnot
教授，博士生导师
Professor, PhD Supervisor



David Arnot博士毕业于英国剑桥大学，曾担任爱丁堡大学教授，研究方向为寄生虫相关疾病等。David Arnot曾于美国波士顿和纽约从事博士后研究和助理教授工作。1989年，David教授加入爱丁堡大学，从事种群生物学相关研究和教学工作。任职于爱丁堡大学期间，David教授同时担任哥本哈根大学医学院寄生虫方向研究教授。2018年3月，David教授全职加入浙大爱丁堡联合学院，继续他的科研工作，同时承担本科教学工作和主管研究生项目建设。

Dr. David Arnot completed his PhD at the University of Cambridge. He has worked in Boston and New York in the United States as a postdoctoral fellow and assistant professor. He began working for The University of Edinburgh in 1989 working as a Wellcome Trust Senior Fellow for the Department of Genetics & Institute of Cell & Population Biology, University of Edinburgh. His most recent position was Professor of Molecular Parasitology with the Institute of Immunology & Infection Research, University of Edinburgh. As a malariologist, he has carried out several malaria field projects, working in Tanzania and Ghana and visiting Burkino Fasso, Egypt, Gabon, Ethiopia, Kenya, Malawi, and Mozambique. Since 2010 he has served as Director for Internationalisation for the School of Biological Sciences and interacted frequently with the University's partners in China, India, and Singapore

Ahmed El-Hashash
副教授，研究员
Associate Professor



Ahmed El-Hashash博士毕业于英国曼彻斯特大学。先后与加利福尼亚再生医学研究所（CIRM）和纽约大学医学院（MSSM）从事科研，后于美国纽约大学和洛杉矶西奈山医学院儿童医院担任生物医学高级研究员。他曾是南加州大学干细胞与再生医学助理教授、首席研究员。Hashash副教授研究方向为基因、酶和控制干细胞的行为和再生医学。

Professor Ahmed Hashash completed his PhD from Manchester University, UK. He is a fellow of the California Institute of Regenerative Medicine (CIRM) and New York University Medical School (MSSM), USA. Prof. Ahmed Hashash worked as a senior biomedical research scientist at Mount Sinai School of Medicine of New York University and Childrens Hospital Los Angeles. He was Assistant Professor and Principal Investigator of Stem Cell & Regenerative Medicine at Keck School of Medicine and Ostrow School of Dentistry of The University of Southern California, USA. In 2016, Prof. Hashash has joined The University of Edinburgh, Edinburgh Medical School-Zhejiang International Campus, (ZJU) as Tenure-Track Associate Professor and Senior Principal Investigator of Biomedicine, Stem Cell & Regenerative Medicine. Prof. Hashash has several breakthrough discoveries in genes/enzymes that control stem cell behavior and regenerative medicine.

全职师资
Full-time Faculty



郭伟 Wei Guo

副教授，研究员，博士生导师

Associate Professor, PhD Supervisor

郭伟副教授博士毕业于美国德州大学，回国后曾在清华大学担任正高研究员，从事造血干细胞的自我更新与损伤反应和肿瘤耐药等领域相关研究。郭副教授曾先后于美国德州大学M.D.安德森癌症研究中心和美国加州大学洛杉矶分校担任博士后研究员。他建立了第一个由PTEN缺失导致T细胞急性白血病的小鼠模型，促成临床发现相应的婴幼儿T细胞白血病亚型。

Dr Wei completed his PhD in Molecular Genetics at University of Texas Graduate School of Biomedical Sciences in 2002. He has worked as the postdoctoral fellow for the University of California and most recently as Tenure-track Associate Professor at Tsinghua University, China. His previous research focused on the study of stem cells and cancer, as well as the role of the PTEN tumor suppressor in hematopoietic stem cells and leukemia.



谢昕 Xin Xie

副教授，研究员，博士生导师

Associate Professor, PhD Supervisor

博士毕业于美国德州农工大学，随后于贝勒医学院担任助理教授，从事细胞生物学研究。主要从事核受体基因COUP-TFII在成体干细胞的生物学功能以及相关疾病的致病机制和治疗方面的研究。在贝勒医学院的工作期间，主持并完成2项自然科学基金。同时还积极参与了美国国立卫生研究院的重大科研基金项目。

Dr. Xin Xie is currently an Associate Professor at Zhejiang - Edinburgh Institute (Zhejiang) and an Adjunct Assistant Professor at Baylor College of Medicine (Texas). After receiving his PhD in Genetics from Texas A&M University, Dr. Xie joined Baylor College of Medicine as a Postdoctoral Fellow, later he became an instructor and subsequently, an Assistant Professor. During his postdoctoral study, Dr. Xie has investigated the molecular functions of nuclear receptor COUP-TFII in adult stem cell and relevant diseases. Currently, his research interest focuses on the understanding of how signaling network within tissue stem cells (intestinal, muscle and mesenchymal stem cell) regulates their fundamental properties in both physiological and pathological conditions and translates that knowledge into novel therapeutic approaches to improve the outcome of patients suffering stem cell-related disorders.



Mikael Bjorklund

副教授，研究员，博士生导师

Associate Professor, PhD Supervisor

博士毕业于芬兰赫尔辛基大学，并留校从事博士后研究工作，随后加入英国邓迪大学任研究员，研究方向为肿瘤及新陈代谢疾病。其团队通过研究细胞大小、生长以及新城代谢的关系，来探索肿瘤及新陈代谢性疾病等病理。其开展独立研究项目并荣获英国Wellcome基金资助。

Dr Mikael Bjorklund received his PhD in Biochemistry in 2004 from the University of Helsinki, Finland. He did his post-doctoral training also in Helsinki, implementing genome-scale approaches to his main research on cell growth. In 2009, Mikael started as a principal investigator in Scotland and obtained a prestigious Wellcome Trust Career Development fellowship to support his research. Mikael's main scientific interest is how metabolism and cell size impact cellular fitness and functions and how these are linked to initiation and disease progression in cancers and other metabolic diseases.

Sebastian Leptihn

副教授，研究员，博士生导师

Associate Professor, PhD Supervisor

博士毕业于慕尼黑工业大学，于2011年起在霍恩海姆大学任助理教授，为学科带头人，生物学和化学交叉领域研究。曾先后于新加坡国立大学和牛津大学从事博士后研究员工作。共发表论文21篇，其中12篇重要论文为第一作者或通讯作者，发表在JACS、Nature Protocols、ACS生物化学、病毒、生物物理杂志、BMC生物学和生物化学。

Dr Sebastian Leptihn is an Associate Professor at the Zhejiang University - University of Edinburgh Institute. He has over ten years experience in academic teaching and research in Germany, Singapore and Oxford, after his PhD at the Technical University of Munich, Germany. His research expertise lies at the interface between biology and chemistry to investigate functional and structural aspects of proteins and protein complexes, with the focus on membrane proteins. As the gatekeepers of cells, membrane proteins represent the most important drug targets. To understand fundamental principles of protein insertion, folding and assembly as well as protein function, the Leptihn group uses classical in vitro biochemical and biophysical methods together with state-of-the-art single molecule techniques.



全职师资
Full-time Faculty



洪智 Zhi Hong

助理教授, 研究员, 博士生导师

Assistant Professor, PhD Supervisor

博士毕业于中国科学院, 于中国医学科学院病原生物学研究所做助理研究员, 并获得国家青年基金资助。2014年至今年2月, 在挪威奥斯陆大学国家医院癌症研究中心进行博士后研究, 从事溶酶体的亚细胞定位调控癌症相关mTORC1信号通路以及细胞自噬的功能研究。

Dr Zhi Hong worked as a postdoc at the Institute for Cancer Research, Oslo University Hospital. She completed her bachelor's degree at the College of Agriculture and Biotechnology, China Agricultural University, and went on to complete her PhD in 2011 from the Institute of Genetics & Developmental Biology, Chinese Academy of Sciences. She has worked as a Research Associate for Chinese Academy of Medical Sciences. Her research focuses on studying the molecular mechanism regulating lysosomal bidirectional transport and investigating the role of lysosomal positioning in invadopodia formation and cancer invasion.



丘挺刚 Ting Gang Chew

助理教授, 研究员, 博士生导师

Assistant Professor, PhD Supervisor

博士毕业于新加坡国立大学, 随后加入英国华威大学从事研究员工作。主要开展细胞与分子生物学, 细胞分裂的动态与机械, 肌动肌球蛋白的调控与功能等研究。Chew教授在博士期间荣获在新加坡最具竞争力的基金之一: 新加坡千禧基金。

Dr Chew completed his bachelor's degree at the National University of Singapore (NUS), before going onto complete his PhD in Cell and Molecular Biology at Temasek Life Sciences Laboratory (TLL), in Singapore in 2009. He has previously held post-doctoral research fellow positions with Institute of Medical Biology (A*STAR, Singapore) and Centre for Mechanochemical Cell Biology (Warwick University, UK). His current research focuses on the molecular mechanisms of cell division, particularly on the mechanical responses of cell division to the extracellular environments. He is also interested in studying consequences of cytokinesis failures during tissue growth.



Kuan Yoow Chan

助理教授, 研究员, 博士生导师

Assistant Professor, PhD Supervisor

博士毕业于英国赫尔大学, 他先后于赫尔大学和英国癌症研究所曼彻斯特研究所从事博士后研究员工作。主要研究方向为中心体在真核细胞周期调控和DNA损伤反应中的作用。

Dr. Kuan Yoow Chan worked as a Postdoctoral Fellow at the Cancer Research UK Manchester Institute, University of Manchester. He obtained his degree in Medical Genetics from University of Wales, Swansea. During his PhD training at the University of Hull, he worked on identifying drug targets against the human pathogen, African Trypanosomes. He is currently studying the role of the centrosome in regulating the eukaryotic cell cycle. His ongoing interest is to understand how centrosomal abnormalities contribute to the deregulation of the cell cycle in human cancers.

黄雯雯 Wenwen Huang

助理教授, 研究员, 博士生导师

Assistant Professor, PhD Supervisor

博士毕业于美国塔夫茨大学, 曾负责麻省理工学院城市环境系-塔夫茨大学生物医学工程系NIH联合项目, 2015.5至2018年担任塔夫茨大学生物医学工程系客座讲师。主要研究方向为高分子物理、生物医学工程和材料科学等学科交叉研究领域。

Dr Wenwen Huang completed her PhD in Tufts University, she worked as a guest lecturer in the department of biomedical engineering at Tufts University from May 2015 to July 2018. Her research interests include polymer physics, biomedical engineering and materials science.



王超尘 Chaochen Wang

助理教授, 研究员, 博士生导师

Assistant Professor, PhD Supervisor

博士毕业于中科院上海生化细胞所, 2009年至2018年曾在美国国立健康研究所任访问学者、研究员、专职科学家。主要研究方向和学术亮点及特色: 表观遗传学、基因编辑及干细胞。

Dr Chaochen Wang completed his PhD degree in Shanghai institute of biochemical cells, Chinese academy of sciences. From 2009 to 2018, he was worked in National Institute of Health(U.S.) as a visiting scholar, researcher and full-time scientist. His research interests are epigenetics, gene editing and stem cells.



刘琬璐 Wanlu Liu

助理教授, 研究员, 博士生导师

Assistant Professor, PhD Supervisor

刘琬璐博士在美国加州大学洛杉矶分校 (UCLA) 攻读博士学位并作为全职科研人员职位工作, 在读博及工作期间她参与及领导了多项结合前沿基因编辑技术、表观遗传学以及生物信息学的课题, 取得丰硕的科研成果。

Dr Wanlu Liu completed her PhD degree at University of California, Los Angeles. Then she worked as postdoctoral research associate in University of California, Los Angeles, Department of Molecular, Cell and Developmental Biology, co-mentored by Dr. Steven E. Jacobsen and Dr. Amander T. Clark. Her research focuses on studying epigenetics mechanisms in gene regulation and developing tools for epigenome targeting.



全职师资
Full-time Faculty



陈迪 Di Chen

助理教授，研究员，博士生导师

Assistant Professor, PhD Supervisor

博士毕业于中国科学院，随后在美国加州大学洛杉矶分校（UCLA）进行博士后研究，主要研究人类胚胎干细胞的分化。实验室主要方向为人类胚胎干细胞和多能干细胞的分化潜能的精细调控，尤其是转录因子、表观遗传、以及RNA结合蛋白的作用机制。

Dr. Di Chen completed his PhD degree in Chinese Academy of Sciences. Then he continued as a postdoctoral researcher at University of California, Los Angeles (UCLA), focusing on the differentiation of human embryonic stem cells. His lab focuses on the regulatory mechanisms of the differentiation potentials of human embryonic stem cells and/or induced pluripotent stem cells, especially the function of transcription factors, epigenetic regulators and RNA-binding proteins.



张倩婷 Qianting Zhang

助理教授，研究员，博士生导师

Assistant Professor, PhD Supervisor

于浙江大学取得学士学位和博士学位，随后在瑞典哥德堡大学从事博士后研究工作。主要利用哺乳动物细胞、基因编辑小鼠模型和人类样本，研究哺乳动物配子发生或肿瘤发生过程中的信号调控和分子机制。

Dr. Qianting Zhang completed her bachelor's degree and PhD degree at Zhejiang University, China. She worked as a postdoc at the Department of Chemistry and Molecular Biology, University of Gothenburg. Her research focuses on dissecting the molecular mechanisms of mammalian gametogenesis and tumorigenesis utilizing mammalian cell lines, gene-modified mouse models and human samples.



李香花 Xianghua Li

助理教授，研究员

Assistant Professor

博士毕业于英国爱丁堡大学英国医学研究学会（MRC）人类遗传学研究所（Human Genetics Unit），主要研究方向：通过结合大规模基因突变实验、数据分析以及数学建模的系统生物学研究方法，研究基因突变改变生物性状的普遍机理，以达到精准预测基因突变的目标。

Dr. Xianghua Li received her PhD at MRC Human Genetics Unit at the University of Edinburgh, UK in 2013. Dr. Li's main research interest is solving challenges in genotype-phenotype mapping by unveiling unknown mechanisms of how genetic variations control phenotypic variations.



刘坚 Jian Liu

助理教授，研究员

Assistant Professor

博士毕业于华东师范大学，期间在美国贝勒医学院进行博士联合培养。随后在贝勒医学和美国国家卫生健康中心分别进行博士后和研究员工作。主要研究方向(肿瘤生物学)：结合临床大数据的分析和分子生物学的运用，建立新型转基因小鼠模型从而研究癌症发病机制（如肺癌）和其临床应用。

Dr. Jian Liu received his Ph.D. in Biochemistry and Molecular Biology from East China Normal University. He also completed a joint training at Baylor College of Medicine as a Ph.D. student. Then he worked at Baylor College of Medicine and National Institute of Health (U.S.) as a Postdoc and a Research Fellow, respectively. His lab focuses on cancer biology to investigate how cancer develops, especially lung cancer, and the clinical applications by integrating the bioinformatical analysis of clinical datasets and molecular biology applications and the establishment of de novo genetic mouse models.

Aaron Trent Irving

助理教授，研究员

Assistant Professor



Aaron Irving博士曾在昆士兰大学、Diamantina研究所、莫纳什医学研究所和新发传染病杜克大学医学院进行科学习。他的研究方向专注于新出现的人畜共患病病毒感染和这些病毒引发的宿主-病原体相互作用。比较生物学以蝙蝠为模型生物，并从蝙蝠中找出可用于改善人类对病原体感染的免疫反应的关键因子。

Dr. Aaron Irving was trained at the University of Queensland, Diamantina Institute, Monash Institute of Medical Research and Emerging Infectious Diseases, Duke-NUS Medical School. He focuses on emerging zoonotic viral infections and the host-pathogen interactions triggered by these viruses. There is a special interest in comparative biology using bats as a model organism and identifying key factors from bats that may be utilized to improve the human immune responses to pathogen infections.



博士后
Postdoctoral Fellows

姓名 Name	国籍 Nationality	毕业学校 Graduated School	合作导师 Supervisor
Ayo Majeokudunmi	尼日利亚 Nigerian	爱丁堡大学 The University of Edinburgh	Sue Welburn教授 Prof.Sue Welburn
Christine Amongi Acup	乌干达 Ugandan	爱丁堡大学 The University of Edinburgh	Sue Welburn教授 Prof.Sue Welburn
吴徐行 Xuhang Wu	中国 Chinese	爱丁堡大学 The University of Edinburgh	Sue Welburn教授 Prof.Sue Welburn
姚旭东 Xudong Yao	中国 Chinese	奥克兰大学 University of Auckland	欧阳宏伟教授 Prof. Hongwei Ouyang
魏威 Wei Wei	中国 Chinese	南京理工大学 Nanjing University of Science and Technology	欧阳宏伟教授 Prof. Hongwei Ouyang
王小召 Xiaozhao Wang	中国 Chinese	浙江大学 Zhejiang University	欧阳宏伟教授 Prof. Hongwei Ouyang
李承霖 Chenglin Li	中国 Chinese	浙江大学 Zhejiang University	欧阳宏伟教授 Prof. Hongwei Ouyang
吴宏伟 Hongwei Wu	中国 Chinese	中南大学 Central South University	欧阳宏伟教授 Prof. Hongwei Ouyang
周雯艳 Wenyan Zhou	中国 Chinese	浙江大学 Zhejiang University	欧阳宏伟教授 Prof. Hongwei Ouyang
陈奕姗 Yishan Chen	中国 Chinese	浙江大学 Zhejiang University	欧阳宏伟教授 Prof. Hongwei Ouyang
张明旭 Mingxu Zhang	中国 Chinese	中国科学院 Chinese Academy of Sciences	鲁林荣教授 Prof. Linrong Lu

姓名 Name	国籍 Nationality	毕业学校 Graduated School	合作导师 Supervisor
白亚丹 Yadan Bai	中国 Chinese	复旦大学 Fudan University	鲁林荣教授 Prof. Linrong Lu
王晓玲 Xiaoling Wang	中国 Chinese	利兹大学 Leeds University	郭伟博士 Dr. Wei Guo
孙承媚 Chengmei Sun	中国 Chinese	南方医科大学 Southern Medical University	谢昕博士 Dr. Xin Xie
Neelum Aziz Yousafzai	巴基斯坦 Pakistani	浙江大学 Zhejiang University	谢昕博士 Dr. Xin Xie
Prasanth Manohar	印度 Indian	韦洛尔技术大学 Vellore Institute of Technology	Sebastian Leptihn 博士 Dr. Sebastian Leptihn
李明洋 Mingyang Li	中国 Chinese	中国医科大学 China Medical University	王超尘博士 Dr.Chaochen Wang
陈晶 Jing Chen	中国 Chinese	东京大学 Tokyo University	王超尘博士 Dr.Chaochen Wang
Muhammad Saif Ur Rahman	巴基斯坦 Pakistani	浙江大学 Zhejiang University	Kuan Yoow Chan博士 Dr. Kuan Yoow Chan
林俊鑫 Junxin Lin	中国 Chinese	浙江大学 Zhejiang University	刘琬璐博士 Dr.Wanlu Liu
Muhammad Ali Rasheed	巴基斯坦 Pakistani	中国农业科学院 Chinese Academy of Agricultural Sciences	丘挺刚博士 Dr.Chew Ting Gang



活动 Activities



2020年度，由于新冠疫情的影响，国内外的交流活动在很大程度受限受阻。学院在保障安全稳定的前提下，通过线上线下结合的方式开展各类活动，并取得了良好的反响。

In 2020, due to the impact of COVID-19, the exchange activities at home and abroad are limited to a large extent. On the premise of ensuring security and stability, ZJE has carried out various activities online and offline, and has been well received.

学院抗疫系列活动 ZJE combat COVID-19

2020年初新冠疫情爆发，ZJE师生在第一时间通过各种方式凝聚力量，用实际行动抗击疫情。

2月5日，我院携手爱大浙江校友会，及浙江大学教育基金会，发起“爱大在浙里”抗疫专项募捐活动，得到了广大校友及其他爱心人士积极响应，共筹集善款人民币72455元，并全部捐赠浙江大学医学院附属第二医院用于前线医疗及疫情防控工作。除此之外，ZJE师生们还积极参与到多种志愿服务中：身体力行加入当地社区工作；学院党支部及学生党支部发挥战斗堡垒作用，保障线上线下学院工作顺利开展；同时，ZJE师生们结合专业，通过微信平台推出对疫情的见解，为社会提供咨询和权威解读。

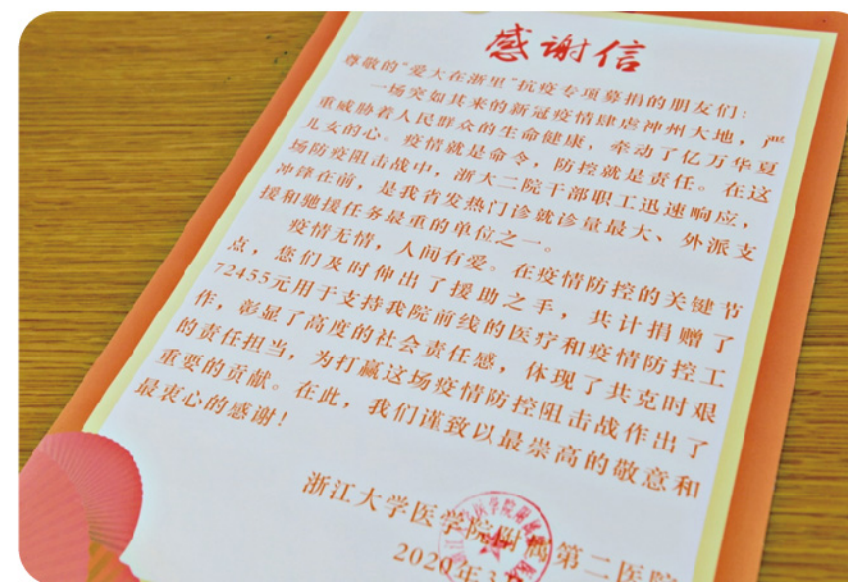
自2月17日起学院正式开始线上授课，“停课不停学”。在探索这种全新的教学模式中，学院不断积累和总结经验，始终注重学生体验，全力保障了教学工作的平稳运行，获得一致好评。

At the beginning of 2020, the outbreak of the COVID-19 brought a difficult situation. ZJE faculty, staff and students in the first time through various ways to gather strength and fight against the epidemic.

In February, ZJE & UoE Alumni proposed “UoE always stands with ZJU” - the initiative for donation. We received positive responses from the majority of alumni and other caring people and raised 72455 yuan. All donation went to The Second Affiliated Hospital Zhejiang University school of Medicine for front-line medical treatment and epidemic control.

In addition, all ZJE members actively participate in a variety of volunteer services: participated in local community work, ZJE faculty party branch and student party branch provided online & on-site teaching and management support. Meanwhile, ZJE members combined with their majors to launch academic analysis of COVID-19 through wechat platform, providing consultation and authoritative interpretation for the society.

ZJE started online teaching since 17 February. In the exploration of such new teaching mode, ZJE continuously accumulated and summarized experience, always paid attention to students' experience. ZJE fully guaranteed the smooth operation of teaching work, and obtained unanimous praise.





2019年度工作总结会与教职工联欢会 2019 Annual Work Summary & New Year Party

2020年1月6日，学院举行了年度工作总结会及教职工新年联欢会。全院教职工齐聚一堂，回顾2019，畅想2020。同时晚会颁布了ZJE2019年度人物，表彰了学院教授及行政人员的优秀代表。

On 6 January, 2020, ZJE held the annual work summary meeting and new year's party. All the faculty and staff of ZJE gathered together to review 2019 and image 2020. Also, in the party, ZJE awarded Person of the Year awards to five excellent representatives of ZJE.



2020级新生开学典礼 ZJE 2020 Welcome Ceremony

2020年9月13日上午，浙江大学爱丁堡大学联合学院（ZJE）新生欢迎典礼在浙江大学海宁国际校区多功能厅如期举行。近150位本科、研究生新生们加入ZJE大家庭。

The Zhejiang University - University of Edinburgh Institute (ZJE) new student welcome ceremony was held in the Multi-Function Hall of Campus on 13 September 2020, with 147 new undergraduate and postgraduate students in attendance.



首届ZJE双学位本科生毕业典礼 ZJE 2020 Graduation Ceremony

6月22日，首届ZJE双学位本科生毕业典礼在国际校区举行，17位毕业生肩负生物医学的希望将走向更广阔的舞台。

The first cohort of students to graduate with a Dual Award from The University of Edinburgh and Zhejiang University celebrated their achievements at an event on 22 June.



毅行 ZJE Trailwalk

为致敬西迁，增进师生感情，发扬团队精神，浙江大学爱丁堡大学联合学院于10月11日上午组织了全长约10公里的毅行活动，共有来自ZJE学院、各联合学院、校区单位等近400名师生共29支队伍参加活动。

In order to memorialize the westward migration of Zhejiang University, enhance the relationship between teachers and students, and carry forward the team spirit, ZJU-UoE institute organized a trail-walk on the morning of 11 October with a distance of 10 kilometers. Nearly 400 teachers and students from ZJE, other joint institutes and campus units participated in the activity.



生物医学高中宣讲 Biomedical High School Talk

ZJE一直致力于生物医学科普及文化传播，2020年度共开展10场重点中学宣讲，在共吸引到场学生和家家长两千余人。同时ZJE举办线上宣讲会，欧阳宏伟教授做客浙江大学高招会客厅，在浙江大学微博、抖音和b站同步上线。

ZJE has been committed to biomedical science popularization and cultural communication. In 2020, ZJE has been offering 10 talks among the national top high schools, attracting more than two thousands of students and parents. Meanwhile, Professor Hongwei Ouyang gave an online talk for students, and the number of hits is close to 100,000.



生物医学系列学术研讨会 Biomed-X Research Seminar

生物医学系列学术研讨会旨在为学院的研究者及学生们建立一个交流与沟通的平台，达到促进研究合作，激发研究灵感的目的。本年度结合线上线下，共举办了15次研讨会。

Biomed-X Research Seminar aims to establish an exchange platform for ZJE faculty and students, and to promote research cooperation and inspire research inspiration. A total of 15 seminars were held this year.

Date	Speaker	Title
17th June	Dr. Mikeal Bjorkund	Cell size an X-citing path to understanding aging and cancer
1st July	Dr. Xiangwei He	Reversible Microhomology-Mediated Tandem Duplications Cause Prevalent Genome Divergence
15th July	Dr. Aaron Irving	Bats as reservoirs of zoonotic viruses and SARS-Like viruses
23rd Sept	Dr. Xianghua Li	Genotype-Phenotype Mapping, Towards Personalised Medicine
9th Sept	Dr. HAY David	Development of an automated tissue-engineering platform to produce human liver tissue for basic and applied research
14th Oct	Dr. Guan Minxin	Paradigm of translational research-A lesion from Leber's hereditary optic neuropathy
3rd Nov	Dr. Lucas B. Carey	Towards quantitative mechanistic prediction in biology
11th Nov	Dr. Baowei Jiao	The development and tumorigenesis of mammary gland
18th Nov	Dr. Peng Zhou	SARS-CoV-2 and COVID-19
25th Nov	Dr. Jinrong Peng	The role of nuclear factors in liver development
9th Dec	Dr. Guangdun Peng	Integrative Spatial Transcriptome Analysis for Molecular Architecture of Embryo Development
10th Dec	Dr. Qu Kun	Study the immune system at single cell resolution
16th Dec	Dr. Xiaotao Li	A non-canonical proteasome pathway
23th Dec	Dr. Tao Tan	/
29th Dec	Dr. Qi Xie	/



"ACT" 系列讲座 "ACT" Series of Lectures

为聚焦人才培养过程中的生涯规划，为学生提供学业、实践、就业创业等各方面指导，学院推出"ACT"系列讲座，目前分为四大模块：A-Talk 学长说 (Alumni)，C-Talk 大咖说 (Celebrity)，T-Talk 名师说 (Teacher)，I-Talk 我来说，已举办3场。

In order to focus on academic and career planning in the process of talent cultivation and provide guidance for students in employment and entrepreneurship, ZJE has launched a series of "ACT" lectures, which are currently divided into four modules: A-talk (alumni), C-talk (celebrity), T-talk (teacher), I-talk, and have been held three times.