

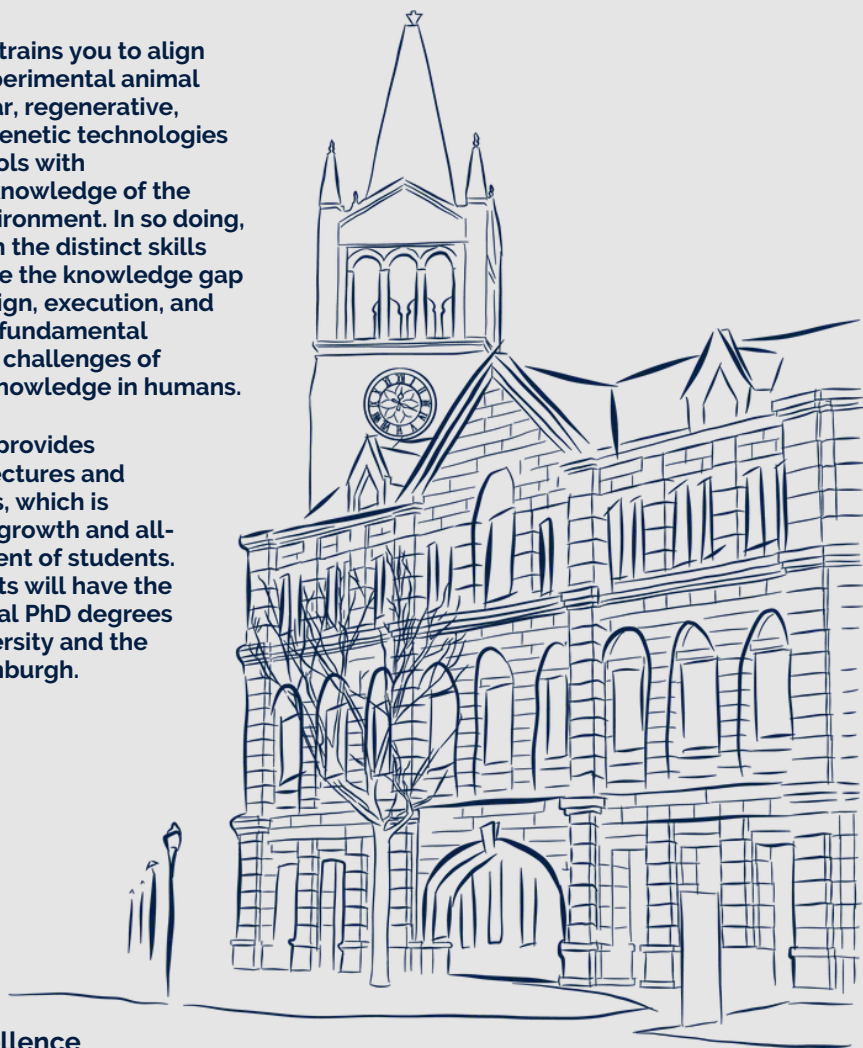
Dual PhD Integrative Biomedical Sciences

Postgraduate
Opportunities 2020

<http://zje.intl.zjuedu.cn>

This programme trains you to align cutting-edge experimental animal modeling, cellular, regenerative, computational, genetic technologies and analytical tools with comprehensive knowledge of the translational environment. In so doing, it equips you with the distinct skills required to bridge the knowledge gap between the design, execution, and interpretation of fundamental research and the challenges of translating this knowledge in humans.

The programme provides English-taught lectures and research projects, which is beneficial to the growth and all-round development of students. Excellent students will have the chance to get dual PhD degrees of Zhejiang University and the University of Edinburgh.



Drawn to excellence



THE UNIVERSITY
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浙江大學
ZHEJIANG UNIVERSITY

Join a transnational graduate programme from two world-class universities

Programme overview

Our **4 Year Dual award PhD in Integrative Biomedical Sciences** is a training programme focused on common human diseases, the goal of which is to advance knowledge, expertise, and skills by bridging the gap between fundamental biomedical science discoveries through to translation in humans. By 'Training to Translate', this programme draws on unique research strengths in biomedical sciences from The University of Edinburgh and Zhejiang University. This is a new and exciting collaboration, and the first of its kind for both universities, making this a unique opportunity for students of biomedical sciences.

Understanding the functioning of the human body at molecular, cellular, organ and system levels in health and disease is the ultimate aim of biomedical sciences. Biomedical scientists integrate knowledge gained by research across a range of related disciplines and apply it in the analysis of disease mechanisms.

Year 1

This programme has taught components. In year one students will participate in the Biomedical Disorders 1 course: twice-weekly classes, workshops and tutorials with academics from disciplines that span biomedical disorders of the life-course.

On the **Biomedical Research Training** course, students will be instructed in the range of disorders that affect humans during the life-course and be exposed to the key methodological techniques that underpin research in these areas.

Students will also work on their **PhD project** which will count towards 30 credits in this year. They will also create a grant proposal.

Years 2 and 3

Students will continue to participate in regular tutorials, seminars, workshops and visits to transnational laboratories/clinics to further their understanding of translation of fundamental biomedical research in Biomedical Disorders 2 and 3. Activities are core elements of the course and attendance will be monitored and repeat non-attendance may result in penalties.

Students will continue to work on their **PhD project**, counting towards 160 and 170 credits in years two and three.

We cannot guarantee that all courses will run each year, and will normally notify applicants of any changes to the programme structure and courses on our website.



Year 4

Students will complete their **PhD Project**, which will count towards 180 credits in this year.

For the **4-year PhD in Integrative Biomedical Sciences** students will be required to undertake a 540 credit 3-year PhD project plus an additional 180 taught credits spread over 4 years.

English taught

Our programmes are taught entirely in English. All Chinese national students will complete dedicated English classes, while International students will take Chinese language classes.

Career opportunities

Graduates enter employment that requires an understanding of biomedical processes and the ability to research using scientific literature and other data sources. These careers include laboratory research, disease diagnosis, the pharmaceutical industry and scientific publishing.

The University of Edinburgh is ranked 19th in the QS World University Rankings and Zhejiang University is a member of the C9 League of Universities and one of the top 3 universities in China. Together, we aim to offer a world-class education to develop the next generation of global leaders in Biomedical Sciences.

The Zhejiang University-University of Edinburgh (ZJE) Institute, provides innovative teaching and state of the art research in Biomedical Sciences in brand new facilities at the Zhejiang University International Campus in Haining, situated between Shanghai and Hangzhou.

Why study Biomedical Sciences at the ZJE Institute?

This unique dual degree 4 year PhD programme in Integrated Biomedical Sciences provides students with the best research training from both universities. Delivered entirely in English, the programme is designed to promote a positive and inquisitive attitude to science and medicine while promoting independent, self-motivated learning.

Employing an integrated approach, students will analyse the contribution of knowledge from a range of disciplines to address key biomedical problems facing individuals, communities and populations today. Investigating how this knowledge can be used to drive research forwards towards new treatments, this programme places students at the cutting edge of modern biomedical research, enabling the translation of biomedical research into clinical practice.

<http://zje.intl.zju.edu.cn>

WORLD-CLASS PARTNERSHIP

Zhejiang University - University of Edinburgh

Translating innovative research into disease diagnosis, treatment and prevention.

Learn more: <http://zje.intl.zju.edu.cn>

What do I need to get in?

You will find our most up to date entry requirements at:
<http://zje.intl.zju.edu.cn/en/admission/entry-requirements-0>

Financial requirements

Find information on fees at:
<http://zje.intl.zju.edu.cn/en/admission/fees-and-scholarship>

Scholarships are available

Find information on scholarships at:
<http://zje.intl.zju.edu.cn/en/admission/fees-and-scholarship>

How do I apply?

Find information on applying to the programme at:
<http://zje.intl.zju.edu.cn/en/admission/how-apply>

Contact us

If you would like further information about our Dual PhD Integrated Biomedical Sciences at the Zhejiang University - University of Edinburgh Institute, please contact us at:

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Alternative formats

If you require a copy of this prospectus or any other information in an alternative format, please email: zje_apply@zju.edu.cn.

