THE UNIVERSITY of EDINBURGH

Postgraduate Research in Biological Sciences

Prof Gerben van Ooijen

Chair of Chronobiology

Director of the Graduate School

Open to the world

Why choose postgraduate research?

- To achieve something significant by advancing knowledge to address the world's grand challenges
- Gain a training in critical thinking and research
- Gain a broad base in key skills (management, team work, communication, networking)
- Develop a professional network for future opportunities
- Personal development from working in a supportive, innovative, diverse environment on a international stage

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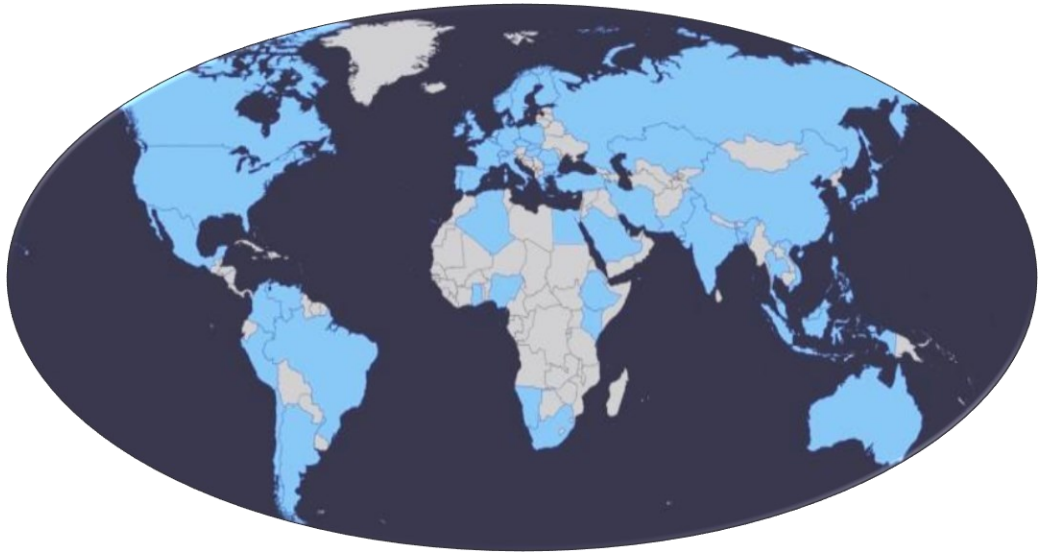
International research excellence

5th in the UK for Biological Sciences

£30M research grants p.a.

160 Principal Investigators

350 Postgraduate students



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Recognised excellence in research training

We host several Doctoral Training Programmes e.g.

EastBio, E5, MRC Precision Medicine

- The Darwin Trust
- Career Development Scholarships
- External funding
- Individual supervisor projects

Supported by
The Institute for Academic Development

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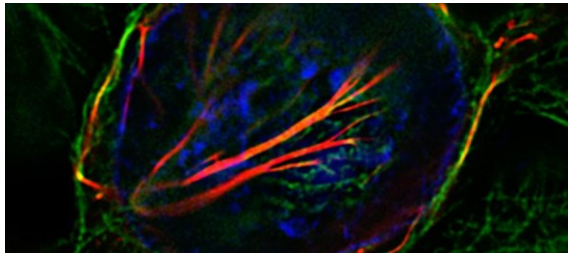
Where you can base yourself: our institutes

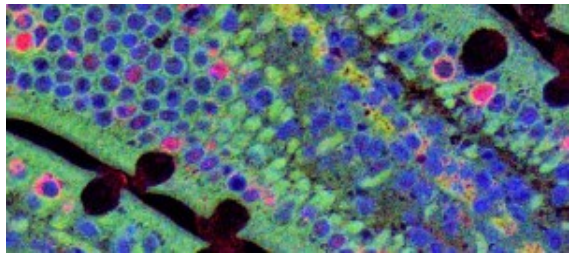


The **Institute of Cell Biology -** *understanding the molecular mechanisms that underpin genomic and cellular structure and function. In particular, the stability, transmission and expression of genetic information in both prokaryotes and eukaryotes.*

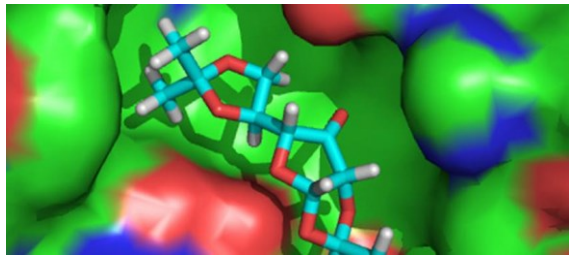
The **Institute of Ecology and Evolution -** *understanding the population genetics of wild populations and of complex traits. Understanding the evolutionary causes and consequences of ecological interactions and behaviour.*

The **Institute of Immunology and Infection Research –** *encompassing fundamental immunology, immune regulation of disease and host-pathogen biology. Cross-disciplinary approaches to address today's challenges in global health.*

The **Institute of Molecular Plant Sciences –** *research from molecular to whole-plant scales addressing the global challenges of food security, green technology and climate change.*



The **Institute of Stem Cell Research –** *Scientists and clinicians study stem cells, disease and tissue repair to advance human health as part of the* ***Centre for Regenerative Medicine****.*



The **Institute of Quantitative Biology, Biotechnology and Biochemistry–** *using Systems and Synthetic Biology approaches as well as structural studies to address fundamental biology questions and practical biotech solutions.*

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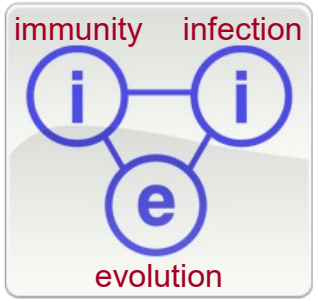
Research centres provide synergy



Discovery Research Platform for Hidden Cell Biology

Edinburgh Infectious Diseases
Leading infectious disease research and training

Centre for Regenerative Medicine

ACE
CENTRE FOR ADAPTING TO CHANGING ENVIRONMENTS

Centre for Engineering Biology

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A PhD equips you for a career in research… and much more

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Recognised excellence in quality of life

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Key organisations on our doorstep

Research Institutes

Charities and NGOs

Industry

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Special opportunities in postgraduate study

Work in both academia & industry, e.g. Industrial CASE studentships or PIPs

Communicate with policy makers, e.g. policy internships or PIPs

Communicate with our outreach programmes, e.g. Edinburgh Science Festival, outreach committees, press gang

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Additional support: the Graduate School

Oversees the progression of all students registered to study for a PhD or MSc by research degrees in the School of Biological Sciences

Postgraduate students

Institute postgraduate advisors

Institute student reps

SBS Graduate School

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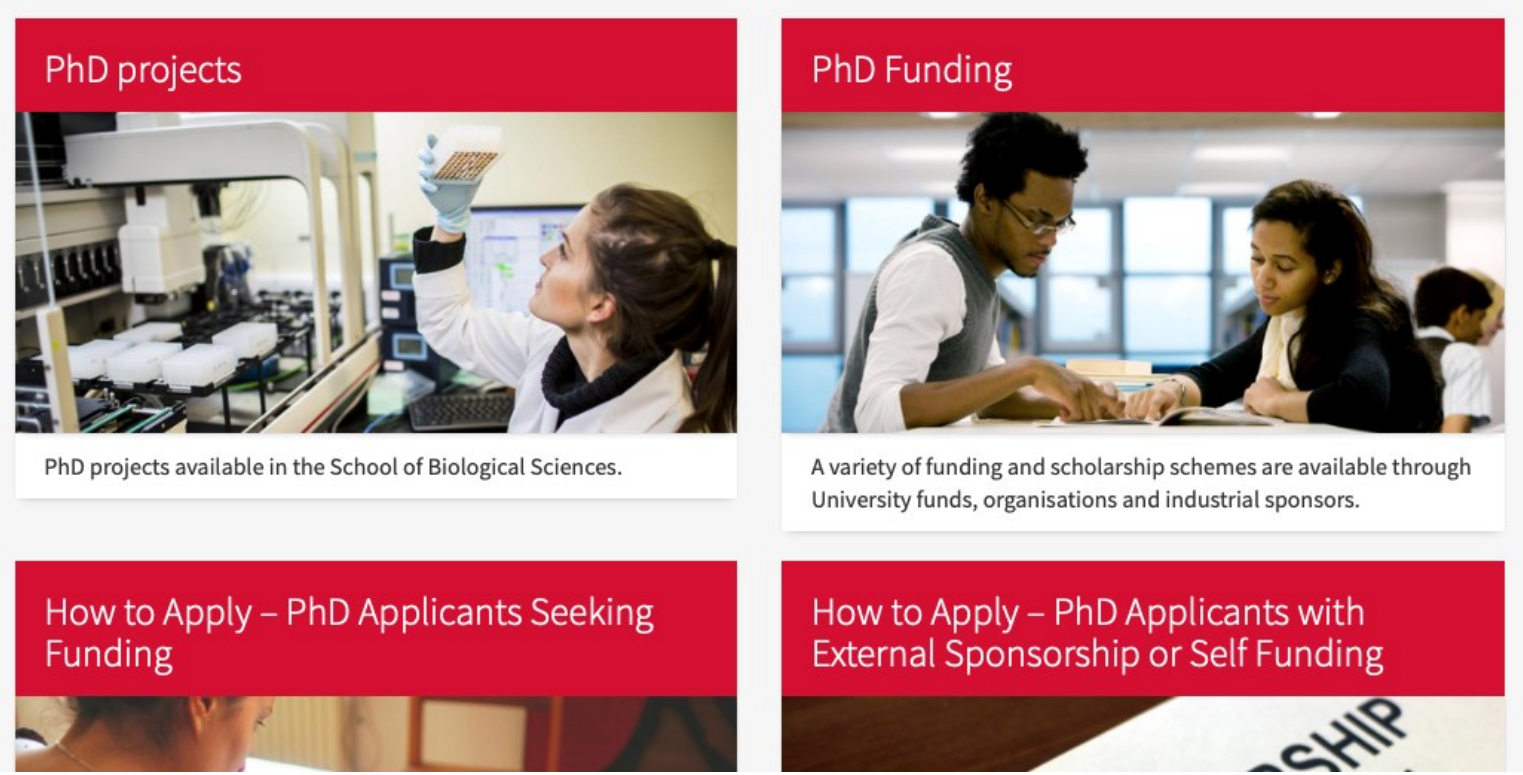
Where do I start?

www.ed.ac.uk/biology/study-with-us/postgraduate-research/apply-for-a-phd



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Where do I start?

1. Select your project from our list of PhD Projects

2. Click 'how to apply' on the advertised PhD project to complete our eligibility checklist

3. You will then apply through the University's online application system – EUCLID

4. **Applying for funding is a separate process** - a list of suggested funding schemes is provided during the eligibility checklist. You can also view the full list of funding schemes.

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Where do I start?

1. Confirm our entry requirements:
    - At least 2.1 Honours degree or its international equivalent
2. Contact supervisor(s):
    - Browse available PhD projects & staff profiles –contact staff who do what you're interested in
    - Discuss potential projects / application with prospective supervisor(s) – PhD & MScR
3. Apply online – closing date depends on funding source
    - Specify supervisor & project
    - Upload documents (proposal, transcripts, references, etc.)
    - Funding information

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What happens next?

1. Supervisors review applications and forward to Interview panel:
   - All supervisors can propose one or two students, depending on funding body
2. Shortlisting for interview:
   - Panel looks at academic record, experience, motivation
3. Attend interview:
   - a chance to talk about your previous research and your ambitions
4. Offers made as early as possible
   - but can take a little while

Start of projects in our School is 1 October 2023

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What you can do now…

edin.ac/student-chat-pg

virtualvisits.ed.ac.uk/pg

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What you can do now…

Contact potential supervisors

Get in touch if you have questions on application process:
Grad.Biol@ed.ac.uk

www.ed.ac.uk/biology/prospective-students/postgraduate-research/apply-for-a-phd

Welcome to Edinburgh

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