The Institute of Integrative Biology lies at the heart of a thriving biomedical science campus in Liverpool. Based in the Biosciences Building with additional sites at Leahurst and Ness Gardens on the Wirral, we provide one of the most vibrant and integrated biosciences environments in the UK.

Key achievements
- 83% research outputs at 3* and 4* in Biological Sciences and ranked 8th among the Russell Group Universities*
- Ranked 7th in the UK for research power under Clinical Medicine*
- 6th in the UK for 4* research with 100% of the research environment classed as world leading in Agriculture, Veterinary and Food Sciences*
- £17.5 million in research grant funding awarded over a two year period up to October 2017
- One of only 10 departments in the UK with an Athena SWAN Gold award for gender equality for science employment in higher education and research
- The majority of our PhD’s go into scientific research in academia or industry immediately after graduating
- A postgraduate community of around 160 PhD and masters students who contribute to the research and social life of the Institute.

*From the 2014 Research Excellence Framework (REF) which assesses the quality and impact of research submitted by UK universities across all disciplines.

Our research
Our research is focused around the themes of:
- Dynamics and management of host-microbe interactions
- Molecular basis of therapeutic targeting
- From genomes to biological systems
- Adaptation to environmental change.

We are home to world-class research facilities including:
- The Centre for Genomic Research
- The GeneMill Synthetic Biology Laboratory
- The Centre for Proteome Research
- The Computational Biology Facility
- The Centre for Cell Imaging
- NMR Centre for Structural Biology
- The Barkla X-ray laboratory of Biophysics
- The Henry Wellcome Laboratory of Mammalian Behaviour and Evolution.
Postgraduate Research programmes

The programmes we offer are:

**PhD Biological Sciences**

Full or part time

PhD opportunities are featured on our website at [www.liverpool.ac.uk/integrative-biology/postgraduate-study/phd-studentships/](http://www.liverpool.ac.uk/integrative-biology/postgraduate-study/phd-studentships/)

Prospective students with their own funding can propose their own project in discussion with one of our supervisors.

**MRes Advanced Biological Sciences**

Full time or part time

The programme consists of a 120-credit research project, during which you would work alongside PhD students and full-time researchers as a member of one of our research groups. The MRes research project runs throughout the 12 months of the course, and is supported by four 15-credit taught masters-level modules.

More details at [www.liverpool.ac.uk/study/postgraduate-taught/taught/advanced-biological-sciences-mres/overview/](http://www.liverpool.ac.uk/study/postgraduate-taught/taught/advanced-biological-sciences-mres/overview/)

**MPhil Biological Sciences**

Full or part time

The MPhil is an advanced postgraduate research degree based on a research project. There is no taught component.

**Postgraduate research in the Institute**

Our postgraduate students work together with full-time researchers and technicians in large open-plan laboratories or specialist facilities as members of their academic supervisors’ research groups. They have dedicated office space for data analysis and writing as well as communal social spaces.

The Institute has a strong ethos to support postgraduates in their personal and professional development. Most of our postgraduates, including masters students, publish their research while studying. All PhD students attend conferences and can undertake advanced training to support their research.

**Funding and scholarships**

Our research programmes are generously funded through grants from Government such as BBSRC, NERC and MRC as well as charities such as the Wellcome Trust, North West Cancer Research and The Alzheimer's Society. Funding is also available through industry partnerships such as the Liverpool-based Low Carbon Eco Innovatory partnership.

Fee bursaries may be available after selection at interview.

Additionally, funding is available for postgraduate students travel to conferences or training.

**Studying with us**

We develop our postgraduate community providing a first class student experience through strong supervision, mentorship, networking, and opportunities through our research themes.

All postgraduate research students are supported by the Liverpool Doctoral College. This supports research students with training and development opportunities to thrive in the doctoral programme.

**Study abroad**

We collaborate with Universities and Research Institutes in Europe, Africa, USA, South America and Asia. Many PhD students therefore travel abroad for research and training during their studies.

Through these collaborations we also offer opportunities for joint study programmes with A*STAR in Singapore; RIKEN in Japan and Soleil in France.

**International students**

We welcome students from around the world onto our postgraduate programmes. Whether you are seconded by your University or have a Masters or PhD as the next goal on your career path, we offer research projects within biochemistry, genetics, molecular biology, zoology and botany. These make use of our world-class facilities and frequently cross the boundaries of traditional biology disciplines.

**Public Engagement**

We have a passion for science and love sharing this with the public. We encourage our postgraduate students to participate in a wide range of public engagement activity at schools, shopping centres, museums and also TV. To find out more please visit [www.liverpool.ac.uk/integrative-biology/public-engagement](http://www.liverpool.ac.uk/integrative-biology/public-engagement)

**Career prospects**

Many of our PhD graduates continue their careers into academic research, initially as postdoctoral researchers and ultimately in a permanent academic post where they undertake research and teaching. Others take up posts in industry, media and consultancy. Our alumni have become Lecturers and Professors in the UK and international Universities.

MRes graduates have continued their academic careers as research assistants or pursued further study leading to a PhD. They have also developed careers in conservation or in industry.

There are opportunities for PhD and MRes trained researchers in the Government sector which includes research institutes, government departments, the health services, forensic science and environmental agencies.

**Admissions information**

Apply online at [www.liverpool.ac.uk/study/postgraduate-research/how-to-apply](http://www.liverpool.ac.uk/study/postgraduate-research/how-to-apply)

**Contacting the Institute of Integrative Biology**

E: biolres@liverpool.ac.uk for PhD and MPhil programmes

E: mresiib@liverpool.ac.uk for MRes programmes

[www.liverpool.ac.uk/integrative-biology](http://www.liverpool.ac.uk/integrative-biology)

[www.liverpool.ac.uk/study](http://www.liverpool.ac.uk/study)