

Centre for Doctoral Training (CDT) in Regenerative Medicine

The University of Manchester has been awarded an EPSRC/MRC Centre for Doctoral Training (CDT), for PhD studentships starting in September 2014. We offer multidisciplinary training with internationally-leading expertise in bioengineering, stem cells, extracellular matrix, inflammation biology and clinical translation.

Training will be delivered on our integrated state-of-the-art campus.

Our Research

Our CDT in Regenerative Medicine involves more than 50 leading research groups across the Faculties of Life Sciences, Engineering and Physical Sciences, and Medical and Human Sciences. We also have training and translational links with the Manchester Academic Health Science Centre. Our clinical targets are:

- Regenerating musculoskeletal tissues
- Enhancing chronic wound healing
- Regulating inflammatory responses
- Neovascularisation of ischaemic tissues
- Therapies for stroke and nerve repair
- Advancing gene/cell therapies

Our research is constantly evolving and new projects will be available each year.

Training programme

Students will complete a range of lectures, enquiry-based learning modules and an extended lab project during the first six months of the programme. Lecture courses will include:

- Bioengineering and nanotechnology
- Stem and progenitor cells
- Pre-clinical studies
- Material-cell interactions (optional)
- Mechanisms regulating cell fate (optional)
- Regenerative Medicine (optional)

Students will select a research project that they will undertake for the remaining 3.5 years of the programme. All projects will be co-supervised by leading biomedical researchers, including clinical scientists, with complementary expertise.

We seek highly-motivated candidates to join the programme in September 2014. Applicants should hold (or be about to obtain) at least an Upper Second Class honours degree in a relevant subject. The studentships provide full funding for eligible UK/EU applicants (fees and stipend) for 4 years.

For more information on how to apply see: <http://www.regenmedcdt.manchester.ac.uk/>

Closing date for applications: Wednesday 18 December 2013

