



Research studentships are offered to students wishing to undertake a PhD programme. All studentships are highly competitive and you should ensure (and demonstrate) that there is a good match between your own qualifications and interests and those being sought for the particular studentship.

Research Centre where studentship will be held	School of Life Sciences, Faculty of Natural Sciences, Keele University. Academic registration will be at Keele University throughout the 3 year project.
Studentship reference	FNS GS 2018-11
Web link to any further information (e.g. Research Institute)	Faculty Research Office - http://www.keele.ac.uk/fnsro/
Research topic or field - title	Repurposing Drugs in cancer
Research topic or field – full description (or attach document)	Repurposing (using drugs already approved for other indications to treat cancer) is a recognized strategy in drug discovery and development where a drug already approved for human use, is screened for new effects and new targets. Many studies have demonstrated anti-tumour efficacy for compounds within a wide range of drug classes. The aims of this project are to identify drugs with potential for repurposing in cancer treatment. The project involves screening current FDA-approved drugs for their anti-cancer activity in a range of human cancer cell lines. Identified drugs will be further investigated and their mechanisms of action characterised.
Available from (date)	Applications are accepted all year round
Funding support available – Fees, stipend, duration	Self-funded PhD position
Source of funding	Self-funded
Eligibility criteria	Applications are welcomed from bioscience graduates with (or anticipating) at least a 2.1 honours degree or equivalent. Applicants with MSc in biochemistry/ biomedical sciences/biological sciences/natural sciences are also welcomed An interest in laboratory work is essential - full training will be provided. Home/EU and Overseas students are welcome to apply. Home/EU fees are £4260 per annum for 2018/9 and overseas fees are £23300 per annum

Terms and conditions of studentship	As per the University Code of Practice
Number of studentships available	1
Application details	go to http://www.keele.ac.uk/pgresearch/studentships/ and click on the "Apply online here" button in this studentship.
Closing date for applications	Applications are accepted all year round
Contact for further information and to whom applications will be sent	Informal enquiries about the project should be made to the Project Lead Dr Mirna Mourtada-Maarabouni and should include a CV and a personal statement. Full applications to: http://www.keele.ac.uk/pgresearch/studentships/

Candidate profile

	Essential	Desirable
Qualifications, Experience and Skills	<p>Minimum 2i classification or equivalent.</p> <p>OR</p> <p>Masters degree in the biochemical/ / biophysical/ chemical /natural sciences.</p> <p>An interest in laboratory work, cell culture and molecular biology.</p> <p>The opportunities are open to UK/EU and overseas students.</p>	
Attitude and Personality	<p>Self-motivation and resilience to undertake advanced research study at PhD level.</p> <p>Good communication, interpersonal and organizational skills.</p> <p>The ability to work both independently and as part of a team</p> <p>Willingness to learn new practical skills.</p>	