

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 2018-12
Web link to any further information (e.g. Research Institute)	Faculty Research Office - <a href="http://www.keele.ac.uk/fnsro/">http://www.keele.ac.uk/fnsro/</a>
Research topic or field - title	Role of non-coding RNA in cancer
Research topic or field – full description (or attach document)	Recent genome-wide studies have shown that the human genome produces many thousands of regulatory non-protein-coding RNAs (ncRNAs). It is now clear that these Non-coding messenger RNA species are potent regulators of a variety of biological processes including cell death, ageing, oncogenesis and neurodegeneration. The project will examine the role of long-non coding RNAs in cancer. Experiments will focus on investigating the function of novel uncharacterized long non-coding RNAs in the control of cell fate in order to elucidate their functional roles and their significance in human physiology and pathology. The project involves cell culture studies, functional assays and RNA sequencing.
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	We accept applications from any nationals. 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.
Terms and conditions of studentship	As per the University Code of Practice

Number of studentships available	2
Application details	go to <a href="http://www.keele.ac.uk/pgresearch/studentships/">http://www.keele.ac.uk/pgresearch/studentships/</a> 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: <a href="http://www.keele.ac.uk/pgresearch/studentships/">http://www.keele.ac.uk/pgresearch/studentships/</a>

### Candidate profile

	Essential	Desirable
<b>Qualifications, Experience and Skills</b>	<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>	
<b>Attitude and Personality</b>	<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>	

Keele University values diversity, and is committed to ensuring equality of opportunity. In support of these commitments, Keele University particularly welcomes applications from women and from individuals of black and ethnic minority backgrounds for this post. The School of Life Sciences and Keele University have both been awarded Athena Swan awards and Keele University is a member of the Disability Confident scheme. More information is available on these web pages:

<https://www.keele.ac.uk/equalitydiversity/>

<https://www.keele.ac.uk/athenaswan/>

<https://www.keele.ac.uk/raceequalitycharter/raceequalitycharter/>

