

## PhD studentship (Full-time)



Institution	Xi'an Jiaotong-Liverpool University, China
Department	Department of Biological Sciences
Supervisors	Principle supervisor: Dr Minyan Wang (Xi'an Jiaotong-Liverpool University) Co-supervisor: Professor Blair Grubb (University of Liverpool, UK);
Application Deadline	Open until the position is filled
Funding Availability	Funded PhD project (world-wide students)
Project Title	Migraine mechanism: Cortical Spreading Depression induces CGRP expression involving ROS and TRPA1; 偏头痛诱导 CGRP 表达机制研究
Contact	Please email <a href="mailto:minyan.wang@xjtlu.edu.cn">minyan.wang@xjtlu.edu.cn</a> (principle supervisor's email address) and copy <a href="mailto:doctoralstudies@xjtlu.edu.cn">doctoralstudies@xjtlu.edu.cn</a> with a subject line of the PhD project title

### **Requirements:**

The candidate should have a first class or upper second class honours degree, or a master's degree (or equivalent qualification) in Universities. Evidence of good spoken and written English is essential. The candidate should have an IELTS score of 6.5 or above, or an equivalent qualification, if the first language is not English. This position is open to all qualified candidates irrespective of nationality.

### **Degree:**

The student will be awarded a PhD degree from the University of Liverpool (UK) upon successful completion of the program.

### **Funding:**

The PhD studentship is available for three years subject to satisfactory progress by the student. The award covers tuition fees for three years (currently equivalent to RMB 80,000 per annum) and provides a monthly stipend of 3500 RMB as a contribution to living expenses. It also provides up to RMB 16,500 to allow participation at international conferences during the period of the award. It is a condition of the award that holders of XJTLU PhD scholarships carry out 300-500 hours of teaching assistance work per year. The scholarship holder is expected to carry out the major part of his or her research at XJTLU in Suzhou, China. However, he or she is eligible for a research study visit to the University of Liverpool of up to three months, if this is required by the project.

**Project Description:**

Title: *Migraine mechanism: Cortical Spreading Depression induces CGRP expression involving ROS and TRPA1*

The candidate will conduct research under the supervision of Dr. Minyan Wang at Dept. of Biological Sciences, XJTU and Professor Blair Grubb at Institute of Translational Institute, University of Liverpool. The project will use multidisciplinary approaches including electrophysiology, imaging, biochemical, and cellular and molecular techniques to understand migraine mechanisms with particular focus on neuropeptides as well as to discover potential drug targets against migraine. Resources from both universities will be available to the candidate. Supervision as well as resulting publications and theses will be in English.

For more information about doctoral scholarship and PhD programme at Xi'an Jiaotong-Liverpool University (XJTU): Please visit

<http://www.xjtu.edu.cn/en/admissions/phd.html>

<http://www.xjtu.edu.cn/en/admissions/phd/feescholarships.html>

**How to Apply:**

Interested applicants are advised to email [minyan.wang@xjtu.edu.cn](mailto:minyan.wang@xjtu.edu.cn) (principle supervisor's email address) the following documents and copy [doctoralstudies@xjtu.edu.cn](mailto:doctoralstudies@xjtu.edu.cn) (please put the project title in the subject line).

- CV
- Two reference letters
- Personal statement outlining your interest in the position
- Proof of English language proficiency (an IELTS score of above 6.5 or equivalent is required)
- Verified school transcripts in both Chinese and English (for international students, only the English version is required)
- Verified certificates of education qualifications in both Chinese and English (for international students, only the English version is required)

**Informal enquiries** may be addressed to Dr. Minyan Wang ([minyan.wang@xjtu.edu.cn](mailto:minyan.wang@xjtu.edu.cn)), whose personal profile is linked below,

<http://www.xjtu.edu.cn/en/staff?id=010886166XS>