Xi'an Jiaotong-Liverpool University
西交利物浦大学

PhD studentship (Full-time)

Institution	Xi'an Jiaotong-Liverpool University, China
School	School of Science
Supervisors	Principal supervisor: Dr Magdalini Matziari (XJTLU) Co-supervisor: Dr Lee Wei Lim (XJTLU) Co-supervisor: Dr Faez Iqbal Khan (XJTLU) Co-supervisor: Dr Gemma Nixon (UoL)
Application Deadline	Open until the position is filled
Funding Availability	Funded PhD project (world-wide students)
Project Title	Development of New Microneurotrophins towards Neurogeneration
Contact	Please email Magdalini.Matziari@xjtlu.edu.cn with a subject line of the PhD project title. The principal supervisor's profile is linked here: https://scholar.xjtlu.edu.cn/en/persons/MagdaliniMatziari

Requirements:

The candidate should have a first class or upper second class honours degree, or a master's degree (or equivalent qualification), in Chemistry. A strong background in Organic Chemistry and Spectroscopy is essential.

Evidence of good spoken and written English is essential. The candidate should have an IELTS score of 6.5 or above, 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 99,000 per annum). It also provides up to RMB 16,500 to allow participation at international conferences during the period of the award. The scholarship holders are expected to conduct the majority of their research at XJTLU in Suzhou, China. However, they may apply for a short-term research visit to the University of Liverpool if the project requires it.

Project Description:

Excessive neuroinflammation is involved in the pathogenesis of many CNS diseases, such as Parkinson's disease, multiple sclerosis, ischemic stroke, trauma, and Alzheimer's disease. There is increasing evidence that the inhibition of microglia-mediated neuroinflammation is an important and direct strategy for treating neurodegenerative diseases. Therefore, the development of new antineuroinflammatory agents that target microglial activation is an important strategy in the discovery of drugs for treating such neuroinflammatory disorders. Some steroids, such as DHEA, progestogens, androgens, and estrogens, are involved in a variety of CNS functions, including the reduction of neuroinflammation. These steroids provide inspirational gateways for the discovery of new antineuroinflammatory agents. This project aims at the synthesis and evaluation of new Microneurotrophins through diversification methods which will allow fast and easy access to multiple new candidates towards neurogeneration.

For more information about doctoral scholarship and PhD programme at Xi'an Jiaotong-Liverpool University (XJTLU), please visit

https://www.xjtlu.edu.cn/en/admissions/global/entry-requirements/

https://www.xjtlu.edu.cn/en/admissions/global/fees-and-scholarship

How to Apply:

Interested applicants are advised to email Magdalini.Matziari@xjtlu.edu.cn the following documents for initial review and assessment (please put the project title in the subject line).

- CV
- Two formal reference letters
- Personal statement outlining your interest in the position
- Certificates of English language qualifications (IELTS or equivalent)
- Full academic 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)
- PDF copy of Master Degree dissertation (or an equivalent writing sample) and examiners reports available