



# UNIVERSITY OF LIVERPOOL



## SENIOR LECTURERS/LECTURER (2 posts)

### NON-CLINICAL

Job Ref: 009940



**Faculty: Health and Life Sciences, Institute of Translational Medicine, Department of Molecular and Clinical Pharmacology**

**Location: University Campus**

**51,132 - £64,080 pa**

**Salary: Depending on qualifications and experience  
£51,630 (L)**

**Tenure: Permanent**

**Hours of work: Full-Time**

**Range: £53,175-£65,632pa (SL) - £40,792-**

**Informal enquiries to Professor Sir Munir Pirmohamed email: [munirp@liverpool.ac.uk](mailto:munirp@liverpool.ac.uk)  
or Dr Neil French email: [nfrench@liverpool.ac.uk](mailto:nfrench@liverpool.ac.uk)**

**For shortlisting and interview arrangements, please contact Mrs S Courtney on 0151 795 0563, email: [sscourt@liverpool.ac.uk](mailto:sscourt@liverpool.ac.uk) for enquiries after the closing date.**



# The Posts

Applications are invited for two exciting new academic posts in the areas of bioinformatics and cardiovascular toxicity in the MRC Centre for Drug Safety Science, Department of Molecular and Clinical Pharmacology based in the Institute of Translational Medicine. The posts are open to non-clinical applicants.

You will:

- Function independently at a junior or senior academic level.
- Support the continued development of a world-leading centre for drug safety science investigating the causes, characteristics and consequences of adverse drug reactions.
- Have a specific research and clinical interest and expertise in the areas of bioinformatics or cardiovascular toxicity.
- Have an established track record in translational research that enables you to be REF returnable.
- Further strengthen the links between University of Liverpool and Liverpool Health Partners, a strategic partnership of 9 primary and secondary care NHS organisations, the University of Liverpool, Liverpool School of Tropical Medicine and Liverpool John Moores University.

## Required attributes of staff:

### Research

- Clear demonstration that they are fulfilling the priorities of their research to an internationally excellent standard, or demonstration that their research is progressing towards an internationally excellent standard

### Knowledge Exchange

- Demonstrate that they have an awareness of potential knowledge exchange audiences and that they are engaging with internal and external knowledge exchange environments

### Learning and Teaching

- Demonstrate that they are fulfilling the agreed teaching expectations assigned to them to a standard expected in their subject area
- Demonstrate how they are contributing to the student experience at undergraduate and/or postgraduate level, including evidence of PGR supervision where appropriate



- Demonstrate that they have completed, or be near to completing within a defined deadline, the Certificate of Professional Studies

### **Contribution and Engagement**

- Demonstrate their awareness of the University's plans and priorities and that they are engaged with these
- Demonstrate that they are fulfilling agreed leadership and managerial activities assigned to them
- Demonstrate their awareness of departmental/school/institutional plans and priorities and how they contribute to and engage with these
- Demonstrate that they have an on-going longer term career plan
- Demonstrate that they have an awareness of the University values

### **Development**

- Demonstrate that they are fulfilling any required development needs and that they have an ongoing plan for the development of their career

**New members of staff will demonstrate that they possess the attributes above during the probationary period**

### **Bio Hazards**

You will be working in an area where there may be a risk of infection, although appropriate measures will be in place to control the risk. You may be offered appropriate immunisations and/or records of your work with infectious material/infectious micro-organisms may be kept. Appointment will be subject to a risk assessment by the University's Safety Advisor's Office.



# Faculty of Health and Life Science

The Faculty of Health and Life Sciences is one of three Faculties that make up the University of Liverpool, the others being Science and Engineering and Humanities and Social Sciences. The Faculty is one of UK's leading centres for health and life science research and education. They are the only organisation of their kind to offer scientific and clinical education that spans the full range of biosciences, clinical medicine, health sciences, dentistry, veterinary science and tropical medicine. This positions the Faculty as one of the largest and most innovative educators in their field and they have a dedicated organisation, the Institute of Learning & Teaching, to drive the development of their education offering with their schools.

The University of Liverpool has been at the forefront of Health & Life Sciences research for 130 years and continues to build on the impressive research knowledge, experience, resources and partnerships that they have amassed. The Faculty has over 1850 staff, 5,000 undergraduates and 1,000 postgraduate students who, together with many alumni and partners, are helping to build the University's reputation every day.

The Faculty has eight Institutes:

Ageing and Chronic Disease  
Clinical Sciences  
Infection and Global Health  
Integrative Biology  
Life and Human Sciences  
Psychology, Health and Society  
Translational Medicine  
Veterinary Science

The Institutes enhance collaboration and foster interdisciplinary alliances, allow better integration of related research activities and increase the critical mass focusing on areas of research with high impact and those requiring cross-disciplinary arrangements. They also provide for greater devolution of decision making and budgetary control. A central element of this is a closer alignment between the academic structure and the Professional Services, ensuring the required levels of support and expertise are in place at the appropriate levels within the structure.

The University has introduced a widespread programme of Business Process Improvement based on Business Excellence principles. This sits alongside a People Management Framework incorporating key people- management policies, core expectations and standards aligned to the priorities of the Strategic Plan.

Through partnerships with the NHS, industry and support numerous centres of excellence in fields ranging from drug safety to personalized medicine to zoonosis and dairy farming. They are strongly committed to applying their research and have a proud record of improving the lives of people and animals around the world. For further information on the Faculty of Health and Life Sciences, please visit: [www.liv.ac.uk/health-and-life-sciences/](http://www.liv.ac.uk/health-and-life-sciences/)



# Institute of Translational Medicine

The Institute comprises of the following departments:

- Biostatistics
- Cellular and Molecular Physiology (incorporating Unit of Gastroenterology)
- Molecular and Clinical Cancer Medicine
- Molecular and Clinical Pharmacology
- Women's and Children's Health

Translational Medicine is an essential science in studies that are undertaken from bench to bedside but also from bedside to bench. However, because not all in vitro and in vivo models replicate human disease, it is vital that we integrate clinical, whole animal and in vitro work.

The Institute aims to leverage historically strong cellular, molecular and bioanalytical skills alongside mature clinical networks, combining these with access to the latest theoretical advances in computational and systems biology.

The local health and life sciences context also include several large NHS Trusts; Liverpool Health Partners, our vehicle for collaborative research with NHS partners; and the Liverpool School of Tropical Medicine with whom there are close working contacts at many levels.

## Department of Molecular and Clinical Pharmacology

The Department of Molecular and Clinical Pharmacology is dedicated to understanding disease processes, defining therapeutic strategies for intervention and developing the scientific basis of drug safety. Equipped with state-of-the-art facilities, our research teams' work is amongst the most highly rated in the UK and takes place in the following fields:-

- Personalised Medicine
- Drug Safety Science
- Infection Pharmacology (including antimicrobial pharmacodynamics)
- Neuropharmacology
- Cancer Pharmacology

Our overriding aim is to translate what we discover in the laboratory into positive benefits for patients, the public and health systems.

We're strongly funded, by sources including MRC, BBSRC, Wellcome Trust, NIHR, Wolfson Foundation and the EU.



# MRC Centre for Drug Safety Science (CDSS)

The CDSS (<https://www.liverpool.ac.uk/drug-safety/>) is a world-leading centre for the investigation of fundamental mechanisms of clinically important adverse drug reactions with the overall aim of preventing such reactions by improved drug selection and design and more informed patient selection for the benefit of patients, industry and regulators.

Crucial to achieving this outcome, the CDSS has in place both a strategy and the means for patient characterisation through the establishment of broad clinical networks, an infrastructure for sample collection and biobanking, and a state-of-the-art bioanalytical facility.

A major strength of the CDSS is the coalescence of strong research groups, with expertise in diverse pharmacological disciplines, which all play a significant role in better understanding of drug safety issues.

The Centre also provides training and education in drug safety science with a holistic approach that offers a seamless link between clinical and basic sciences, at the undergraduate, postgraduate and postdoctoral levels, as well as for senior scientists in all related professions.



# Person Specification

## ESSENTIAL CRITERIA

## DESIRABLE CRITERIA

(Identified from – Application form, CV, Supporting Statement, Interview, References)

### EXPERIENCE

- |    |   |
|----|---|
| 1. | Experience in an academic post at Lecturer level or higher  |
| 2. | Current international research reputation or evidence of a growing international research standing  |
| 3. | Research expertise in pharmacology, toxicology, cardiovascular pharmacology or bioinformatics (publications, research funding and postgraduate research students) |
| 4. | Experience in the leadership of teams   |
| 5. | Excellent academic record in research and teaching  |
| 6. | Record of excellence in research  |

### EDUCATION, QUALIFICATIONS AND TRAINING

- |    |   |
|----|---|
| 1. | PhD (or equivalent) with relevant postdoctoral training |
|----|---|

### SKILLS, GENERAL AND SPECIAL KNOWLEDGE

- |    |  |
|----|--|
| 1. | Strong leadership and management skills                        |
| 2. | Evidence of capability to ensure effective staff performance   |
| 3. | Formulation/achievement of ambitious projects                  |
| 4. | Understanding of the external research and funding environment |
| 5. | Excellent interpersonal and communication skills               |

### PERSONAL ATTRIBUTES AND CIRCUMSTANCES

- |    |   |
|----|---|
| 1. | Ability to work as part of a team             |
| 2. | Integrity and commitment to valuing diversity |
| 3. | Forward and outward approach to work          |
| 4. | Ability to think and act strategically        |



# A World Class University



The University of Liverpool is one of the UK's leading research institutions with an annual turnover of £480 million, including £102 million for research. Ranked in the top 1% of higher education institutions worldwide, Liverpool is a member of the prestigious Russell Group of the UK's leading research universities. The University has 33,000 students, 7,500 of whom travel from all over the world to study here, and 211,000 alumni in 171 countries. Its global focus has led the institution to establish a university in Suzhou near Shanghai, in partnership with Xi'an Jiaotong University, as well as a campus in London. The University is the largest provider of 100% online postgraduate degree courses in Europe with over 10,000 students studying for Liverpool degrees around the world.

As one of the top 25 UK universities targeted by global graduate employers, and 18th in the top universities in the UK for graduate employability our students enjoy high employability rates, with 88% of all of the University's graduates in employment or further study six months after graduation. For undergraduate leavers this rises to 90% and to 95% for UK-based undergraduate leavers. The University is committed to continually improving the quality of its student experience, and, supported by a £600 million phased investment in our campus our approach has had a significant impact on the University's student recruitment position in recent years.

Liverpool graduates have become pioneers in every field, with Nobel prize winners including: Sir Ronald Ross (1902; discovery of mode of spread of malaria), Professor Charles Glover Barkla (1917; discovery of the electromagnetic properties of x-rays), Professor Sir Charles Sherrington (1932; functional analysis of motor unit in a muscle), Professor Sir James Chadwick (1936; discovery of the neutron), Professor Sir Robert Robinson (1947; investigation into alkaloids and other plant products), Professor Har Gobind Khorana (1968; genetic code of protein synthesis), Professor Rodney Robert Porter (1972; structure of antibodies); Professor Sir Joseph Rotblat (1995; work to diminish the role of nuclear arms in international politics) and Ronald H. Coase – awarded the Nobel Prize in Economics 1991 for his research into the significance of transaction costs and property rights for the institutional structure and functioning of the economy.

Over 6,000 talented staff help create the inspiring learning environment our students thrive in, it's no wonder given over 81% of our research is seen as 'world leading' and 'internationally excellent'. What's more, we provide a supportive and high-quality environment for our people across the University and a range of initiatives ensure that there are equal opportunities for all, including our partnership with Athena SWAN which celebrates good employment practice for women working in science, technology, engineering and medicine.

## Life Changing, World Shaping



# The City of Liverpool



As the seventh largest city in the UK, Liverpool is diverse, energetic and exciting. Built on an illustrious heritage that stretches back 800 years, Liverpool has a global reputation for sport, music, architecture and culture.

Today the city is enjoying a resurgence, driven by its designation as European Capital of Culture in 2008. Record levels of inward investment have transformed the city.

The regeneration of Liverpool City Centre has been spearheaded by the £1 billion Liverpool One project - one of Europe's biggest shopping/mixed-use schemes, which has positioned the city as one of the UK's top five retail destinations.

The successful European Capital of Culture experience in 2008 has been followed by the designation of Liverpool's stunning waterfront as a UNESCO World Heritage Site and massive investment in new cultural and leisure attractions, including Albert Dock. Liverpool is a major cultural hub in the UK. In fact, there are more museums, theatres, and galleries in Merseyside than in any other region outside London.

Liverpool Philharmonic Hall, home to the Royal Liverpool Philharmonic Orchestra, one of Europe's leading orchestras, is the classical counterpoint to the city's many contemporary music venues and the visually stunning Echo Arena.

Home to two of Europe's most famous football teams – Liverpool FC and Everton FC– the city's achievements in sport are internationally recognised. Aintree Racecourse, home of the Grand National, and two internationally acclaimed golf courses at Royal Birkdale & Royal Liverpool in Hoylake are on the doorstep.

Compared to many other UK cities Liverpool has less congestion, is closer to countryside, has more parks, has more cultural and recreational opportunities, better schools and more accessible transport. Liverpool is uniquely situated 1 hour from Manchester, 3 hours from London by train and the city's Liverpool John Lennon Airport (one of the Europe's fastest growing airports) connects to more than 650 world wide destinations.

For more information on the city of Liverpool, visit: [www.itsliverpool.com](http://www.itsliverpool.com)



# General Information

## Asylum & Immigration

The University will comply with the Immigration, Asylum and Nationality Act 2006, which requires all employees to provide documentary evidence of their legal right to work in this country prior to commencing employment. Please be aware that you will be required to bring your passport (and visa if applicable) to interview so that it can be copied and verified by a member of the Selection Panel. For posts requiring a recognised degree level or equivalent qualification, and where there is no suitable UK or European Economic Area candidate, the University will take the necessary steps to secure UK Border Agency permission for a foreign national to take up employment.

Should a candidate require a Certificate of Sponsorship in order to take up a post they will need to meet the UK Border Agency Tier 2 Points Based Criteria. A self assessment tool can be found on the UK Border Agency website at: [www.ukba.homeoffice.gov.uk/pointscalculator](http://www.ukba.homeoffice.gov.uk/pointscalculator)

A candidate may also be required to undertake an English Language test prior to commencing work at the University. Details of Home Office approved tests can be found at: <https://www.gov.uk/government/publications/guidance-on-applying-for-uk-visa-approved-english-language-tests>

Further information on the eligibility criteria for Certificates of Sponsorship can be found at: [www.ukba.homeoffice.gov.uk/employers/points](http://www.ukba.homeoffice.gov.uk/employers/points)

## National Insurance Number

All employed individuals must possess a UK National Insurance Number. Further information and how to apply for a unique National Insurance Number can be found at: <https://www.gov.uk/apply-national-insurance-number>

## Diversity and Equality

The University of Liverpool is committed to diversity and equality of opportunity. All employees and applicants for jobs will be considered on their abilities and will not be discriminated against on the grounds of age, caring responsibilities, colour, disability, employment status, gender, gender identity, marital status, nationality, race or ethnic origin, religion or belief, sexual orientation, socio-economic status or any other irrelevant distinction. Training is available to support career progression within the University.

## Two Ticks Disability: Guaranteed Interview Scheme (GIS)

The University of Liverpool is committed to the employment of disabled people, and as part of our commitment, we guarantee to interview all disabled applicants who meet the essential criteria for a post and consider them on their abilities. If your disability prevents you completing the application form by the specified closing date, or when the vacancy closes early, due to a high volume of applications, please call the Recruitment Team to discuss alternative arrangements. <http://www.liv.ac.uk/working/jobvacancies/guaranteedinterviewscheme/>

## Volition Programme

The University of Liverpool supports the Liverpool Anglican Cathedral Volition Programme. Applicants who have successfully completed the programme and meet the essential criteria for the post will be offered a guaranteed interview. Please note that individuals will be confirmed through the Volition Programme directly. <http://www.liv.ac.uk/working/jobvacancies/volitionprogramme/>

## GiveGetGo Volunteer Programme

Applicants who have successfully completed the GiveGetGo Volunteer Programme at the University in Partnership with the Transform Lives Company who meet the essential criteria for the post will be offered a guaranteed interview. Please note that individuals will be confirmed through the GiveGetGo Volunteer Programme directly. <https://www.liverpool.ac.uk/working/jobvacancies/givegetgo/>

## Accessibility

If you require copies of documentation in alternative formats, for example, large print or Braille, please contact [jobs@liverpool.ac.uk](mailto:jobs@liverpool.ac.uk) or telephone 0151 794 6771.

If you have any other requirements which will help you access the application or interview process or employment opportunities at the University of Liverpool, please let us know by contacting [jobs@liverpool.ac.uk](mailto:jobs@liverpool.ac.uk) or telephone 0151 794 6771.

## Pension

The Occupational Pension Scheme associated with this appointment is the Universities Superannuation Scheme (USS). You are encouraged to familiarise yourself with the full particulars of the scheme which can be found [here](#)

