



*The original redbrick
university and a member
of the Russell Group*

Faculty of Health and Life Sciences

LECTURER IN VETERINARY CLINICAL MICROBIOLOGY

Area: Institute of Veterinary and Ecological Sciences, School of Veterinary
Science, Department of Veterinary, Anatomy, Physiology and Pathology

Job Ref: 052632

Location: Liverpool and Leahurst Campuses

Grade: 8

Salary: £43,415 to £54,950 pa

Working Hours: Full-time

Tenure: Permanent

[Online application](#) > [Shortlisting](#) > [Interview Process](#) > [Job Offer](#)



*Outstanding development
opportunities through
our Academy*



*Campus located in
the heart of the vibrant
city of Liverpool with
excellent facilities*





About the Role



Role overview and University context:

- The University of Liverpool is one of the UK's leading research institutions with a prodigious spread of expertise - from the humanities and social sciences to engineering, science, veterinary science and medicine.
- It attracts collaborative and contract research commissions from a wide range of national and international organisations - commissions valued at more than £100 million annually. The University is organised in to three large faculties: Health and Life Sciences, Science and Engineering and Humanities and Social Sciences. The School of Veterinary Science sits in the Institute of Infection, Veterinary and Ecological Sciences, in the Faculty of Health and Life Sciences. The current Head of School is Professor Paul Lunn.
- The Institute of Infection, Veterinary and Ecological Sciences (IVES) was created in 2020 to integrate cutting-edge research in human and animal infectious diseases, veterinary science, ecology and evolution to benefit people, animals and ecosystems, nationally and globally. Its work addresses major societal challenges, including emerging infectious diseases and disease control/prevention, food security, antimicrobial resistance and the impacts of environmental change.
- The School of Veterinary Science (SVS) is the primary teaching school within IVES. Consistently positioned amongst the top in the world, SVS has a commitment to innovative veterinary education and clinical research. It holds two on-site working farms as well as two referral hospitals, and three first opinion practices, enabling undergraduates to gain valuable hands-on experience of all aspects of veterinary practice; equine, large animal and small animal. IVES has an active international research programme with projects around the world, and with some staff based at research centres in Malawi, Kenya, Ethiopia and Singapore.
- The Department of Veterinary Anatomy Physiology and Pathology (VAPP), recently created in 2020, aims at full integration of pre-clinical disciplines teaching and hosts an active pathology and microbiology diagnostic service.
- VAPP is a European College of Veterinary Microbiology (ECVM) and Pathology (ECVP) approved centre to train residents in pathology and microbiology. There is excellent multidisciplinary support from board certified colleagues from other disciplines including clinicians from the Small Animal Teaching Hospital (SATH) and Philip Leverhulme Equine Hospital (PLEH).
- This post gives the successful applicant an exciting opportunity to take part in the further development and running of a first-class Veterinary Microbiology Diagnostic service with modern facilities and cutting-edge technology, including MALDI-ToF (Bruker Daktronics) and high throughput bacterial typing (FTIR technology, Bruker Daltonics) which allows us to provide state-of-the art infection control for our veterinary hospitals. The Diagnostic service provides a 6 days clinical service for our hospitals on site and external clients. Staff members currently includes one Senior Lecturer, two residents (one on a standard and one on an alternate route) supported by four technical staff and a senior technical manager.
- The candidate will work in a dynamic team including ECVM and ECVP Diplomates, and a strong IVES group working on antimicrobial resistance.



About the Role



Responsibilities:

- This is an academic position with the primary role around teaching, diagnostic and research. The successful applicant will provide and further develop the clinical microbiology service, maintaining and providing excellence in student experience during undergraduate and postgraduate teaching.
- Applicants will be registered with the RCVS (or be eligible to become an MRCVS), and be able to provide evidence of significant experience of veterinary clinical microbiology.
- Applicants who already hold a Diploma (ECVM or ACVM) will be expected to contribute to the residency training programme by providing a good breadth and depth of supervision, therefore, our preferred candidate would be a Diplomat. However, we welcome applications from Diploma eligible candidates.
- As an academic member of staff of IVES, you will be expected to contribute to veterinary undergraduate and post graduate teaching both on the Liverpool and Leahurst campus. Teaching will involve preparation for and delivery of lectures and practicals (onsite and online), running tutorials, practicals, setting exam questions, marking, supervision of student projects, and provision of pastoral care for students.
- During clinical rotations, the role will primarily involve small group teaching of fourth and final year students on the Leahurst campus. We expect you to appreciate the importance of high-quality student teaching and to have a desire to provide this, and to maximise the student experience. Evidence of prior teaching experience is desirable, and if you do not already possess a qualification, you would be required to undertake formal training and attain qualifications in learning and teaching in higher education through the University (The Academy)
- Other role-associated duties include administration and assessment duties, project supervision and supervision of residents.
- Candidates should demonstrate an ability to conduct relevant, internationally excellent research and undertake independent clinically related research with appropriate support and mentorship for early career researchers. You would be encouraged to collaborate with other researchers at the University in both obtaining funds and performing such research.

You will be required to complete a health screening questionnaire and clearance from Occupational Health must be received. Annual professional development review (PDR) is conducted by the Head of Department. The salary range is determined according to qualifications and experience.



About the Role



Duties:

You will be expected to:

- Deliver veterinary microbiology teaching in the form of lectures, tutorials, practical classes and small group teaching on the undergraduate and postgraduate BVSc and the Bio Veterinary Science programmes
- Participate in development of veterinary microbiology curriculum, develop and deliver assessment and provide pastoral support to students.
- Participate in the diagnostic rota of the Veterinary Microbiology Diagnostic Service
- Liaising and advising clinicians on antimicrobial therapy, based on laboratory results
- Develop your own research programme which falls within the remit of IVES and complements the aforementioned work being undertaken within the School of Veterinary Science
- Apply for, and win, competitive research grants in your area of speciality as PI or CoI
- Participate in outreach activities in veterinary microbiology (publications, conferences, CPD provision, etc.) and publish high quality peer-reviewed research in international journals
- Support training and supervision of ECVI residents and PhD students
- Provide leadership, support and mentorship to post-doctoral researchers and fellows, ensuring there is research group ethos, working to ensure that the whole is greater than the sum of the parts.
- Contribute to the Department, School and University operations.

Other

- The appointee will be eligible for an annual CPD allowance, with additional income from contribution to the Institute's PGT/CPD programmes which can be used to support research or further personal CPD. Although not fixed, academics usually take up to 30 days annual leave.

CORE ACCOUNTABILITIES

- Direct reporting to the Head of Department, Professor Lorenzo Ressel
- Overseen by the Head of Service, Dr Dorina Timofte

Additional requirements:

Pathogens

You will be required to handle pathogens or potentially infected specimens of unfixed human/animal tissue (including blood), 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 microorganisms may be kept. You will be advised in your offer letter to contact the occupational Health Department to check on your vaccination status.



About the Role



Exposure to Animals

As a candidate for a post which involves work in animal houses and/or handling animals, you should be aware that there is a possibility that you may develop an allergy to the animals you are in contact with. The risk is substantially reduced if correct working practices are used, and protective clothing is worn. Milder cases may be controlled by the use of protective clothing or medication and some people who are affected are able to continue working with animals.

The appointee will be required to complete a health screening questionnaire and clearance from Occupational Health must be received before exposure.

Gluteraldehyde/Asthmagens

The appointee will be required to complete a health screening questionnaire and clearance from Occupational Health must be received before exposure.

Control of Noise

You will work in an area where noise has been identified as a potential hazard. A system to control the risk is in place. You may be required to wear hearing protection or to undergo checks on your hearing. Appointment will be subject to Occupational Health screening and clearance must be received before exposure. Control of Vibration You will work in an area where vibration has been identified as a potential hazard. A system to control the risks is in place. You may be required to limit work with vibration machinery or to undergo health checks. Appointment will be subject to Occupational Health screening and clearance must be received before exposure.

In addition to the above, all University of Liverpool staff are required to:

- Adhere to all University policies and procedures, completing all obligatory training and induction modules, including Equality & Diversity and Health & Safety.
- Respect confidentiality: all confidential information should be kept in confidence and not released to unauthorised persons.
- Participate in the University's Professional Development Review scheme and take a proactive approach to own professional development.
- Demonstrate customer service excellence in dealing with all stakeholders.
- Embody and uphold the University's Vision and Values.



About the Role



- uphold the University's Vision and Values.

Institute of Infection, Veterinary and Ecological Sciences

The Institute of Infection, Veterinary and Ecological Sciences (IVES) addresses global challenges such as infectious diseases, antimicrobial resistance (AMR), food security and the impacts of global change on the natural world. Research-led teaching opens up exciting opportunities for our students, who will form the next generation of professionals, researchers and veterinary practitioners. The Institute is made up of departments in:

- Clinical Infection, Microbiology and Immunology
- Evolution, Ecology and Behaviour
- Infection Biology and Microbiomes
- Livestock and One Health
- Veterinary Anatomy Physiology and Pathology
- Small Animal Clinical Science
- Equine Clinical Science

With research focus in:

- The biology of animals, plant and microbes, from the individual to the population-level; to understand the processes driving the natural world.
- The basic biological and translational aspects of infection and immunology research in both human and animals.
- Veterinary clinical research

School of Veterinary Science

The School of Veterinary Science is a leading education provider for the vets of the future, led by the Dean, Professor Paul Lunn. Unique among British veterinary institutes in having excellent clinical facilities, including two referral hospitals, two on-site working farms and three first opinion practices, (the practice has full hospitalisation and surgical facilities). This enables undergraduates to gain valuable hands-on experience of all aspects of veterinary practice: equine, large animal, and small animal. For Postgraduates the school offers three master's degrees: Veterinary Parasitology, Animal Reproduction and Veterinary Infection and Disease Control.



About You



Essential Criteria		Desirable Criteria
Experience		
1.1	Demonstrable diagnostic experience and competence in clinical microbiology (bacteriology and mycology) including molecular and traditional diagnostics, MALDI-TOF-MS, FTIR and antimicrobial susceptibility testing expert interpretation rules	
1.2	Research experience in Veterinary Microbiology and track record of peer-reviewed publications.	Track record in winning Research Awards Grants Collaborator, Co-I or PI in competitive grants
1.3	Experience of teaching/training undergraduates and/or postgraduates	Experience of supervision of PhD students
1.4	Experience in molecular techniques aligned to clinical microbiology, e.g. molecular diagnostics, new testing technologies	Experience in of developing molecular diagnostic tests and clinical metagenomics.
1.5	Experience in diagnostic-supported antimicrobial stewardship and infection control	
Education, Qualifications and Training		
2.1	EU or AVMA accredited Veterinary degree; Veterinary degree recognised by the Royal College of Veterinary Surgeons; Membership of the Royal College of Veterinary Surgeons. or eligibility for membership	
2.2	Eligibility for ECVM Diploma or ECVM boards i.e. completed or on track to completing, a residency programme and eligible for certifying examinations	ECVM or ACVM Diploma
2.3	Willing to obtain a Post graduate teaching qualification	Further postgraduate qualifications in teaching and/or research.



About You



Skills, General and Special Knowledge

3.1	Expertise in clinically relevant molecular biology and/or antimicrobial resistance and antimicrobial stewardship	Advanced skills in molecular microbiology
3.2	Good verbal and written communication skills	
3.3	Good interpersonal skills	
3.4	Good use of standard computer software and databases	

Personal Attributes and Circumstances

4.1	Able to work within a team	Academic leadership qualities
4.2	Highly motivated individual	
4.3	Commitment to research	
4.4	Desire to teach	
4.5	Coachable and positive about receiving feedback	

Probationary members of staff will:

Research

- Demonstrate that they have fulfilled the agreed plans and priorities of their research to an internationally excellent standard, or which demonstrates 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 have engaged with the internal and external knowledge exchange environment

Learning and Teaching

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



About You



- 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 have fulfilled 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 have fulfilled any required development and that they have an ongoing plan for the development of their career

Clinical Engagement (if appropriate)

- Demonstrate that they have fulfilled agreed clinical duties assigned to them and all of the associated professional requirements of their clinical status and registration



About Us



"Our vision is to be a connected, global University at the forefront of knowledge leadership."

Vice-Chancellor, Professor Dame Janet Beer

Established in 1881, we are an internationally renowned Russell Group university recognised for our high-quality teaching and research. We are consistently ranked as one of the best universities both nationally and globally, and the majority of our research is rated world leading or internationally excellent. Find out more [here](#).

Our Areas

When you work at the University of Liverpool you are more than just your job role. You are a crucial part of our mission to improve lives on a local, national and international scale. Click on the relevant link(s) below for more information on the area you will be working in.

[Faculty](#) [Institute of Infection, Veterinary and Ecological Sciences](#) [Research](#)

Why Work Here

We recognise, appreciate and celebrate the incredible work our staff do every day. As well as generous terms and conditions, we offer a range of enviable benefits and provide support for colleague's wellbeing and development. Discover more [here](#).

Moving from abroad

As a global institute, we welcome applicants from all nationalities, moving from a different country can be challenging and we would like to help as much as we can, we have put together some information on eligibility to work documentation, accommodation, schools, healthcare, life in Liverpool and the UK as well as other practical information. Discover more [here](#).

Our Staff

Whether it be their friendly colleagues, supportive managers or our outstanding facilities, our staff can explain better than anyone what it is like to work for us and why they enjoy their role. See what they have to say [here](#).



How to Apply



The University of Liverpool is committed to being an inclusive employer. We welcome applications from everyone regardless of age, gender, ethnicity, sexual orientation, faith or disability.

Contacting us

Shortlisting and interview arrangements are the responsibility of the recruiting department. Please call email iveshr@liverpool.ac.uk

Application process

Our e-recruitment system enables you to register for an online account, where you can view, copy and edit your applications. Set up your account [here](#).

Once you submit your application you will receive an automatic email acknowledgment. You can view your application at any time by clicking into the application history section of your account.

Job description

After the closing date this job description will be removed from our website. Should you wish to refer to this information at a later date please ensure you save a copy of this document.

Right to work

We have a legal responsibility to ensure that you have the right to work in the UK before you can start working for us. If you do not have the right to work in the UK already, any offer of employment we make to you will be conditional upon you gaining it. The UKVI have an interactive tool allowing you to immediately see if vacancies are eligible for a Skilled Worker visa. You will need to know the SOC code for the role, our most used SOC codes can be found [here](#), if none of these apply to this role, there are more codes on the eligibility checker. The skilled worker eligibility checker can be found on [GOV.UK](https://gov.uk).



How to Apply



Disabilities and alternative formats

If you have any other requirements which will help you access the application or interview process or employment opportunities at the University, or if you require copies documentation in alternative formats, please email: jobs@liverpool.ac.uk or telephone 0151 794 6771.

Outcome of your application

The recruiting department will endeavour to respond to each application. However, if you have not heard within six weeks of the closing date, please take it that your application has not been successful on this occasion.

