



Job Title: Lecturer in Cancer Immunology and Prevention
Grade: 8
Salary: £44,263 to £54,395 per annum pro rata
Department: Genetics and Genome Biology
Hours/Contract: Full-time, or job share considered, Permanent
Job Family: Teaching and Research
Reference: 6852

Role Purpose

To conduct high quality research and teaching in the field of cancer immunology and prevention, focusing on developing agents which prevent cancer and understanding the mechanisms underlying their effects. Developing new biomarkers which can indicate the clinical effectiveness of these agents in trials and aid preclinical discovery.

To help establish and develop a new area of immunoprevention research, within the Cancer Research Centre and Prevention Group. This appointment is part of a major commitment by the University to research into cancer and will have a key role in the new Personalised Cancer Prevention and Treatment Theme within our NIHR funded Biomedical Research Centre.

You will also undertake teaching and administrative duties at undergraduate and postgraduate level in the College of Life Sciences, supporting modules and taught postgraduate courses in Cancer Molecular Pathology and Therapeutics and/or Clinical Sciences, depending on your expertise. The College of Life Sciences has several Doctoral training programmes so you will have access to PhD studentships and opportunity for doctoral level training input.

Main Duties and Responsibilities

Principal Accountabilities

Research

You will contribute to the research of the Cancer Prevention Group within the Leicester Cancer Research Centre, Department of Genetics and Genome Biology, to strengthen its overall research productivity. You will develop cross-centre links with colleagues having expertise appropriate to your research.

You will be expected:

- To establish an active and productive research group, conducting research focussed on cancer prevention and immunology at an internationally competitive level and collaborating as appropriate with colleagues in the College of Life Sciences, elsewhere in the University and other external institutions.
- To work collaboratively with members of the Cancer Prevention Group to provide scientific input into translational and clinical projects.





- To secure external funding to support this research activity
- To publish research results in peer-reviewed journals of international standing and to disseminate these results at appropriate conferences, thus contributing to the external visibility and reputation of the Centre and College
- To manage research projects, including their financial control, and to supervise research staff, research students and support staff
- To consider the potential commercial value of research findings and where appropriate, with the assistance of the University's Research and Enterprise Division, to act to protect the relevant intellectual property by patent or copyright to the potential benefit of the University
- To contribute to the development and management of communal research facilities in the Centre, Department and College, including by obtaining external funds for this purpose

Teaching

You will contribute to courses currently run within the College which are appropriate to your expertise.

In detail this means that you will:

- Give lectures, seminars, tutorials and other classes in support of the required teaching obligations, and to supervise laboratory and project work by undergraduate and postgraduate students as required
- Co-operate with colleagues in the continuous review of the curriculum and the development of new modules and degree streams, where appropriate
- Ensure that student feedback on teaching is obtained and to respond constructively to such feedback and to advice from peers
- Support students during any industrial or other placements or exchange programmes
- Take responsibility for specific areas of teaching and learning within the biological sciences undergraduate and postgraduate programmes
- Undertake the academic and administrative duties required to sustain the delivery of high-quality teaching
- Comply with the University and College teaching quality assurance standards and procedures, including the provision of such information as may be required

Administration

You will be expected:

- To undertake departmental and/or College roles and management functions as may be reasonably required
- To participate in departmental meetings and other committees and working groups within the Department, College and University to which appointed or elected





- To engage in continuous professional development, for example by participation in relevant staff development programmes
- To undertake, subject to the agreement of the PVC & Dean and the University, external activities which reflect well upon and enhance the reputation of the University
- To ensure compliance with health and safety requirements in all aspects of work

Internal and External Relationships

- Coordination with central University offices (e.g. Research and Enterprise Division) in the pursuit of external grant funding as required.
- External representation on national/international scientific bodies/committees.
- Delivery of research presentations at national/international conferences and meetings.
- Peer review of research outputs for national/international journals.

Planning and Organising

- Long term planning/organisation of work in delivery of varied aspects of the job specification.
- Seek guidance from Teaching and Research mentors, administrative support staff and other academic colleagues as required.

Qualifications, Knowledge and Experience

Essential

- Track record of publication of high quality journal papers rated at 4* (or equivalent)
- A PhD in a relevant discipline *
- A sound record of research achievement as demonstrated by publications in good journals with an international readership*
- Evidence of an ability to make credible applications for research funding from external sources*
- Experience of teaching at undergraduate and or masters level*
- External recognition of teaching practice or commitment to gain the appropriate category of HEA Fellowship*

Desirable

- Success in attracting research funds and PhD student project supervision
- Expertise in research into cancer immunology and prevention





- Evidence of clinically-orientated and/or translational research

Skills, Abilities and Competencies

Essential

- Ability to demonstrate behaviours that are in accordance with the University values of inclusive, inspiring and impactful.
- The ability to initiate, develop and deliver research in areas adjudged to be relevant to the field of cancer prevention*
- Track record of research in cancer immunology or more general immunology with a strong interest in cancer*
- Experience of research in cancer prevention, or a willingness to apply skills and expertise to this area of research*
- The ability to produce grant applications which can generate research grant and/or contract income*
- The potential to provide academic leadership in research *
- A collaborative attitude to research and willingness to work as part of a team, whilst also developing an independent research programme
- The ability to teach in all formats at undergraduate and Masters level and to supervise undergraduate laboratory and project work in appropriate areas*
- The ability to supervise postgraduate research students*
- Effective written communication skills*
- Effective oral communication skills

Desirable

- Experience of research on colorectal and/or lung cancer
- Experience of using in vivo models

****Criteria to be used in shortlisting candidates for interview***

Criminal Declaration

If you become an employee, you must inform your manager immediately, in writing, if you are the subject of any current or future police investigations/legal proceedings, which could result in a criminal offence, conviction, caution, bind-over or charges, or warnings.

Supporting University Activities





As a University of Leicester citizen, you are expected to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We expect all staff as citizens to work flexibly across the University if required.

University Values

Inclusive - We are diverse in our makeup and united in ambition. Our diversity is our strength and makes our community stronger.

Inspiring - We are passionate about inspiring individuals to succeed and realise their ambitions. We challenge our community to think differently, to get involved, and to constantly embrace new ideas.

Impactful - As Citizens of Change we will generate new ideas which deliver impact and empower our community

Equity and Diversity

We believe that equity, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equity support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equity, diversity and inclusion.

