



## Department of Biomedical Services

<b>Division</b>	Medical sciences
<b>Department</b>	Biomedical Services, Radiobiology Research institute (RRI), Pre-clinical Imaging Facility
<b>Location</b>	Old Road Campus, Roosevelt Dr, Headington, Oxford OX3
<b>Grade</b>	Grade 9
<b>Hours</b>	Full-time
<b>Contract type</b>	Fixed Term – 5 Years
<b>Reporting to</b>	Reporting to the Director of Biomedical Services
<b>Vacancy reference</b>	170373

### [Overview of the role](#)

#### **Imaging Facility**

The Pre-clinical Imaging Facility at the Radiobiology Research Institute provides technical and scientific support for users of a broad range of scanning modalities including MRI, PET/SPECT/CT, luminescence, and ultrasound. The work undertaken ranges from the provision of full study support for users, to the development of new and better technologies to enhance the use of pre-clinical imaging.

#### **Overview of the role**

Reporting to the Director of Biomedical Services, and working with the Biomedical Services senior leadership team, the post holder will play a leading role in the management of the imaging facility and its team. Scientific mentorship will be provided by Professor Damian Tyler, academic lead for the facility and Chair of the Academic Steering Group. The postholder will have responsibility for the implementation of the strategic development of the imaging facility as defined by the Academic Steering Group.

The Pre-clinical Imaging Lead Scientist will be an internationally recognised authority in their field, with primary responsibility for the successful delivery of research deliverables, as well as maintaining collaborations and developing the commercial activity of the imaging facility.

The post holder will lead the imaging facility, delegating ongoing responsibilities, contributing to the overarching vision, and managing staff performance. Pre-clinical Imaging Lead Scientist will have recognised expertise in the management of all aspects of running an imaging facility, focussing on MRI method development and application. The post holder will promote the facility across the University, as well as to other research establishments and to industrial partners. In addition, the post holder will lead on research & development programmes to develop and validate new imaging technologies across the facility.

The post holder will act as a team leader, setting clear task objectives, developing productive working relations and line-managing the other members of the team. The post holder will contribute to the development of their team through induction, appraisal, and coaching.

## **Responsibilities/duties**

- Lead the Pre-Clinical Imaging Facility, developing new concepts and ideas to extend the research potential of the facility, and developing imaging methodology for research projects, interacting with researchers to identify the best imaging approaches to answer key scientific questions.
- Take responsibility for all aspects of the day-to-day management of the imaging facility, including ensuring compliance with all regulatory procedures, day-to-day maintenance and quality control for imaging systems
- Managing and advising the imaging facility staff in order to build an effective and motivated team, agreeing clear task objectives for the team, organising and delegating work as appropriate.
- Having oversight of all imaging-based projects to ensure effective delivery, including provision of service imaging for projects as required
- Manage and monitor resources and budgets, ensuring optimal financial management of the imaging facility. This includes developing the commercial income of the imaging facility, in line with Biomedical Services approaches, and actively promoting the imaging facility to maximise its utilisation
- Contribute to establishing the strategic direction and setting standards for the work of the imaging facility. This will be achieved by playing an active role in the Academic Steering Group which oversees the imaging facility.
- Undertake promotion of the imaging facility's capabilities both within and outside the Medical Sciences Division. The post-holder will thus drive collaborative projects and facilitate the use of imaging more broadly within the Division, University and externally.
- Regularly write research articles for prestigious journals, book chapters, and/or reviews. Present papers at national and international conferences, and lead seminars to disseminate research findings
- Promote the research group locally and nationally, disseminate research outcomes to advance knowledge in the field of research; represent the research group at external

meetings/seminars and liaise with sponsors, stakeholders, national agencies, and professional bodies.

- Be a member of departmental committees advising on scientific and management matters for the department, including the Academic Steering Group.
- Maintaining up-to-date knowledge of developments in the field, as relevant to the research work undertaken in the imaging facility.
- Use scientific equipment in a laboratory environment

## **Selection criteria**

### **Essential**

- Hold a relevant Ph.D/D.Phil in a relevant subject, e.g., physics, biophysics, medical/biomedical imaging
- Extensive experience of magnetic resonance imaging techniques and equipment, with an ability to troubleshoot technical problems in MRI systems
- Possess expertise to lead an imaging facility and develop new avenues of research and commercial services
- Ability and experience in development of advanced MRI methodology
- Experience of small animal in vivo experiments, MRI pulse programming and image reconstruction systems
- Demonstrable evidence of an established (inter)national reputation of being a recognised authority within the field of MR imaging
- Experience of quality control, maintenance and management of MRI systems to meet regulatory requirements
- Ability to lead and motivate a team of research staff
- Proven experience of complex financial budgeting
- Excellent oral and written communication and presentation skills

### **Desirable**

- Ability and experience of presenting effectively to small groups and larger audiences
- Exceptional stakeholder engagement
- Experience with Bruker and/or Agilent (Varian) pre-clinical MRI systems
- Holder of a home office PIL and/or PPL

- Experience with multiple imaging modalities e.g., PET and/or SPECT imaging systems

## Pre-employment screening

### Standard checks

If you are offered the post, the offer will be subject to standard pre-employment checks. You will be asked to provide: proof of your right-to-work in the UK; proof of your identity; and (if we haven't done so already) we will contact the referees you have nominated. You will also be asked to complete a health declaration so that you can tell us about any health conditions or disabilities for which you may need us to make appropriate adjustments.

Please read the candidate notes on the University's pre-employment screening procedures at: <https://www.jobs.ox.ac.uk/pre-employment-checks>

### Hazard-specific / Safety-critical duties

This job includes the following hazards or safety-critical activities which will require successful pre-employment health screening through our Occupational Health Service before the successful candidate will be allowed to start work:

- Night working (11pm-6am)
- Lone Working
- Working with Ionising & Non-ionising Radiation
- Working with infectious pathogens (hazard group 2/3) - Hazard Group 3 pathogens
- Work with allergens, e.g., laboratory animals, pollen, dust, fish or insects etc.
- Work with any substance which has any of the following pictograms on their MSDS:



- Manual handling

All offers of employment are made subject to standard pre-employment screening, as applicable to the post. If you are offered the post, you will be asked to provide proof of your right-to-work, your identity, and we will contact the referees you have nominated. You will also be asked to complete a health declaration (so that you can tell us about any health conditions or disabilities so that we can discuss appropriate adjustments with you), and a declaration of any unspent criminal convictions. We advise all applicants to read the candidate notes on the University's pre-employment screening procedures, found at: [www.ox.ac.uk/about/jobs/preemploymentscreening/](http://www.ox.ac.uk/about/jobs/preemploymentscreening/).

## **Additional security pre-employment checks**

This job includes duties which will require additional security pre-employment checks:

- A satisfactory Disclosure and Barring Service (basic check)
- University security screening (e.g., identity checks)

## **About the University of Oxford**

Welcome to the University of Oxford. We aim to lead the world in research and education for the benefit of society both in the UK and globally. Oxford's researchers engage with academic, commercial and cultural partners across the world to stimulate high-quality research and enable innovation through a broad range of social, policy and economic impacts.

We believe our strengths lie both in empowering individuals and teams to address fundamental questions of global significance, while providing all our staff with a welcoming and inclusive workplace that enables everyone to develop and do their best work.

Recognising that diversity is our strength, vital for innovation and creativity, we aspire to build a truly diverse community which values and respects every individual's unique contribution.

While we have long traditions of scholarship, we are also forward-looking, creative and cutting-edge. Oxford is one of Europe's most entrepreneurial universities and we rank first in the UK for university spin-outs, and in recent years we have spun out 15-20 new companies every year. We are also recognised as leaders in support for social enterprise.

Join us and you will find a unique, democratic and international community, a great range of staff benefits and access to a vibrant array of cultural activities in the beautiful city of Oxford.

For more information, please visit [www.ox.ac.uk/about/organisation](http://www.ox.ac.uk/about/organisation).

## **Department of Biomedical Services**

The Department of Biomedical Services supports innovative, world-leading research programme research to identify causes of disease, improve diagnoses and develop effective treatments to save lives, and conservation work.

## **Medical Sciences Division**

The Medical Sciences Division is an internationally recognised centre of excellence for biomedical and clinical research and teaching and is the largest of the four academic divisions within the University. Over 5000 academics, researchers, NHS clinicians and GPs, and administrative staff, 1500 graduate and 1600 undergraduate students, together contribute to our extensive and exemplary research, teaching and clinical portfolios.

For more information please visit: [www.medsci.ox.ac.uk](http://www.medsci.ox.ac.uk)

## **How to apply**

Applications are made through our e-recruitment system and you will find all the information you need about how to apply on our Jobs website

<https://www.jobs.ox.ac.uk/how-to-apply>.

Your application will be judged solely on the basis of how you demonstrate that you meet the selection criteria stated in the job description.

As part of your application you will be asked to provide details of two referees and indicate whether we can contact them now.

You will be asked to upload a CV and a supporting statement. The supporting statement must explain how you meet each of the selection criteria for the post using examples of your skills and experience. This may include experience gained in employment, education, or during career breaks (such as time out to care for dependants)

Please upload all documents as **PDF files** with your name and the document type in the filename.

All applications must be received by **midday** UK time on the closing date stated in the online advertisement.

---

### Information for priority candidates

A priority candidate is a University employee who is seeking redeployment because they have been advised that they are at risk of redundancy, or on grounds of ill-health/disability. Priority candidates are issued with a redeployment letter by their employing department(s). If you are a priority candidate, please ensure that you attach your redeployment letter to your application (or email it to the contact address on the advert if the application form used for the vacancy does not allow attachments).

---

### If you need help

Help and support is available from: <https://hrsystems.admin.ox.ac.uk/recruitment-support>

If you require any further assistance please email [recruitment.support@admin.ox.ac.uk](mailto:recruitment.support@admin.ox.ac.uk).

To return to the online application at any stage, please go to: [www.recruit.ox.ac.uk](http://www.recruit.ox.ac.uk).

Please note that you will receive an automated email from our e-recruitment system to confirm receipt of your application. **Please check your spam/junk mail** if you do not receive this email.

### Data Privacy

Please note that any personal data submitted to the University as part of the job application process will be processed in accordance with the GDPR and related UK data protection legislation. For further information, please see the University's Privacy Notice for Job Applicants at: <https://compliance.admin.ox.ac.uk/job-applicant-privacy-policy>. The University's Policy on Data Protection is available at:

<https://compliance.admin.ox.ac.uk/data-protection-policy>.

The University's policy on retirement

The University operates an Employer Justified Retirement Age (EJRA) for all academic posts and some academic-related posts. The University has adopted an EJRA of 30 September before the 69<sup>th</sup> birthday for all academic and academic-related staff in posts at **grade 8 and above**. The justification for this is explained at: <https://hr.admin.ox.ac.uk/the-ejra>

For **existing** employees, any employment beyond the retirement age is subject to approval through the procedures: <https://hr.admin.ox.ac.uk/the-ejra>

There is no normal or fixed age at which staff in posts at **grades 1–7** have to retire. Staff at these grades may elect to retire in accordance with the rules of the applicable pension scheme, as may be amended from time to time.

## Equality of opportunity

Entry into employment with the University and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. No applicant or member of staff shall be discriminated against because of age, disability, gender reassignment, marriage or civil partnership, pregnancy or maternity, race, religion or belief, sex, or sexual orientation.

## Benefits of working at the University

### Employee benefits

University employees enjoy 38 days' paid holiday, generous pension schemes, travel discounts, and a variety of professional development opportunities. Our range of other employee benefits and discounts also includes free entry to the Botanic Gardens and University colleges, and discounts at University museums. See <https://hr.admin.ox.ac.uk/staff-benefits>

### University Club and sports facilities

Membership of the University Club is free for all University staff. The University Club offers social, sporting, and hospitality facilities. Staff can also use the University Sports Centre on Iffley Road at discounted rates, including a fitness centre, powerlifting room, and swimming pool. See [www.club.ox.ac.uk](http://www.club.ox.ac.uk) and <https://www.sport.ox.ac.uk/>.

### Information for staff new to Oxford

If you are relocating to Oxfordshire from overseas or elsewhere in the UK, the University's Welcome Service website includes practical information about settling in the area, including advice on relocation, accommodation, and local schools. See <https://welcome.ox.ac.uk/>

There is also a visa loan scheme to cover the costs of UK visa applications for staff and their dependents. See <https://staffimmigration.admin.ox.ac.uk/visa-loan-scheme>

### Family-friendly benefits

With one of the most generous family leave schemes in the Higher Education sector, and a range of flexible working options, Oxford aims to be a family-friendly employer. We also subscribe to My Family Care, a service that provides practical advice and support for employees who have caring responsibilities. The service offers a free telephone advice line, and the ability to book emergency back-up care for children, adult dependents and elderly relatives. See <https://hr.admin.ox.ac.uk/my-family-care>

The University has excellent childcare services, including five University nurseries as well as University-supported places at many other private nurseries.

For full details, including how to apply and the costs, see <https://childcare.admin.ox.ac.uk/>

### Disabled staff

We are committed to supporting members of staff with disabilities or long-term health conditions. For further details, including information about how to make contact, in confidence, with the University's Staff Disability Advisor, see <https://edu.admin.ox.ac.uk/disability-support>

### Staff networks

The University has a number of staff networks including the Oxford Research Staff Society, BME staff network, LGBT+ staff network and a disabled staff network. You can find more information at <https://edu.admin.ox.ac.uk/networks>

### The University of Oxford Newcomers' Club

The University of Oxford Newcomers' Club is an organisation run by volunteers that aims to assist the partners of new staff settle into Oxford, and provides them with an opportunity to meet people and make connections in the local area. See [www.newcomers.ox.ac.uk](http://www.newcomers.ox.ac.uk).