**Medical Sciences Division**

**Oxford – Elysium Prize Fellowship in Cellular Health**

Deadline for submission to [elysiumfellowship@medsci.ox.ac.uk](mailto:elysiumfellowship@medsci.ox.ac.uk) by **12:00pm (GMT), Tuesday 28 May 2019**

This prestigious fellowship is invites application from outstanding early career scientists and clinicians aiming to conduct research at Oxford University in the field of Cellular Health. The award includes 3 year’s salary as well as generous consumables and travel budget.  It also includes a **£10,000** prize to be used towards the fellow’s professional development.

Projects will be university-led and fellows will be expected to publish in high quality scientific journals and to present their work at national and international scientific conferences.

In order to apply, prospective applicants will need to identify a research group at the University of Oxford that will support their application, co-develop their research proposal and host them for the duration of the fellowship. The programme will be open to candidates around the world working in all areas relevant to cellular health with a particular emphasis on the following areas:

**Biomarkers of aging, with emphasis on epigenetics, cellular senescence, neurodegeneration, the microbiome, circadian rhythms and autophagy. Data–driven approaches to monitoring ageing–related changes and interventions**

Ambitious, innovative and interdisciplinary projects are strongly encouraged. In particular, projects that have a strong translational emphasis or potential are encouraged.

This scheme also offers fellows a number of additional opportunities. Firstly, the fellows will be assigned a mentor from Elysium Health's [**Scientific Advisory Board**](https://www.elysiumhealth.com/team). During their fellowship they will also have the opportunity to travel to New York were they will receive training in aspects of commercial healthcare (e.g. marketing, product design, financing, production and sales).

ABOUT ELYSIUM HEALTHTM

Elysium Health’sTM mission is to solve the biggest challenges in health with science, to help people live healthier, longer lives. Working directly with the world’s leading scientists and clinicians, Elysium HealthTM translates advances in science and technology into effective, scientifically-sound products that help people manage their health in an actionable way.

 ELIGIBILITY

Postdoctoral Fellows:

* A PhD / DPhil in a relevant medical/biological subject (viva and corrections to have been completed before the start of the fellowship)
* No more than 5 years postdoc experience at the time of application.

Clinical Research Fellows:

* GMC registered Medical Practitioner
* Have prior research experience (typically a BSc), a medical  degree  and  some specialist experience, typically having obtained MRCP or equivalent, but **not CCT or consultant status**

**Application process:**

Prospective applicants *will identify a research group* at the University of Oxford that will *support their application, co-develop their research proposal and host them for the duration of the fellowship*. The programme will be open to candidates around the world working in all areas relevant to biomedical science with a particular emphasis on the following disease areas:

Neurodegeneration, the microbiome, stem cells, circadian rhythms, autophagy and ageing

**Application checklist:**

1. Completed cover sheet
2. Curriculum Vitae (2 pages of A4 max)
3. Letters of support from host laboratory
4. Project proposal (2 pages of A4 max)

**Job description and selection criteria**

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| Job title | Oxford-Elysium Prize Fellowship in Cellular Health - Postdoctoral Research Fellow (Grade 7) or Clinical Research Fellow (Grade E64) |
| Division | Medical Science Division |
| Department | Depending upon project selected the post will be within one of the departments within Medical Sciences Division. |
| Grade and salary | E64: £32,569 - £52,200or Grade 7: £32,236 - £39,609 with a discretionary range to £43,267 per annum |
| Hours | Full time |
| Contract Type | Fixed term for 36 months |
| Reporting to | To be confirmed on appointment (dependent upon project selected) |

**Introduction**

**The University**

The University of Oxford is a complex and stimulating organisation, which enjoys an international reputation as a world-class centre of excellence in research and teaching. It employs over 10,000 staff and has a student population of over 22,000.

Most staff are directly appointed and managed by one of the University’s 130 departments or other units within a highly devolved operational structure - this includes over 6,500 ‘academic-related’ staff (postgraduate research, computing, senior library, and administrative staff) and over 2,700 ‘support’ staff (including clerical, library, technical, and manual staff). There are also over 1,600 academic staff (professors, readers, lecturers), whose appointments are in the main overseen by a combination of broader divisional and local faculty board/departmental structures. Academics are generally all also employed by one of the 38 constituent colleges of the University as well as by the central University itself.

Oxford is one of Europe's most innovative and entrepreneurial universities: income from external research contracts exceeds £436.8m p.a., and more than 80 spin-off companies have been created.

For more information please visit [www.ox.ac.uk/staff/about\_the\_university](http://www.ox.ac.uk/staff/about_the_university)

**Medical Sciences Division**

The Medical Sciences Division is an internationally recognised centre of excellence for biomedical and clinical research and teaching. We are the largest academic division in the University of Oxford.

World-leading programmes, housed in state-of-the-art facilities, cover the full range of scientific endeavour from the molecule to the population. With our NHS partners we also foster the highest possible standards in patient care.

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

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For more information please visit [www.elysiumhealth.com](http://www.elysiumhealth.com)

**Athena Swan**

### The University of Oxford is a member of the Athena SWAN Charter to promote women in Science, Engineering, Technology and Medicine. The University holds an Athena SWAN bronze award at institutional level. Contact [equality@admin.ox.ac.uk](mailto:equality@admin.ox.ac.uk) for further information about Athena SWAN at the University of Oxford.

**Overview of the role**

Reporting to the Principal Investigator of the host laboratory, the fellow will be a member of a research group with responsibility for carrying out a research programme as agreed with the PI. Fellows will be expected to present their work at international symposia as well as Elysium’s internal scientific meetings

### Clinical Research Fellowships (Grade E64)

Key responsibilities:

* Plan, manage and conduct an agreed research project taking direction from your supervisor and other colleagues in the laboratory as appropriate
* Develop research questions within a specific context, conduct individual research, analyse detailed and complex qualitative and/or quantitative data from a variety of sources, and generate original ideas by building on existing concepts
* Deliver novel research data in accordance with established timelines set between you and the Principal Investigator
* Adapt existing, and develop new, scientific techniques and experimental protocols to support research
* Regularly write research articles at an international level for peer-reviewed journals, book chapters, and reviews
* Use scientific equipment in a laboratory environment
* Formally present your research and represent the research group at internal, national and international conferences and meetings, either with other members of the team or alone and informally present your research to the group at established meetings
* Input scientifically into the research group both at meetings and practically where requested or appropriate
* Carry out collaborative projects with colleagues in partner institutions and research groups in accordance with your supervisor’s requirements
* Act as a source of information and advice to other members of the group on scientific protocols and experimental techniques
* Take on other tasks or duties assigned by your supervisor as required

## Selection criteria

The successful applicant will be expected to meet the following criteria:

### Essential

* GMC registered Medical Practitioner
* Relevant and substantial hospital service since first obtaining full or limited registration
* Demonstrable ability to exercise an immediate level of clinical responsibility as delegated by the consultant-in-charge
* Good interpersonal communication and presentation skills
* Excellent time management skills
* Ability, skills and confidence to communicate effectively in English, both orally and in writing, clinical and safety information to a variety of audiences and in a range of contexts

**Desirable**

* A Postgraduate qualification
* FRCR Part 2 (or equivalent)
* Knowledge of the organisation of the NHS and the Government’s agenda for its modernisation

**Postdoctoral Research Fellow (Grade 7) are as follows**:

Key responsibilities:

* Manage own academic research and administrative activities. This involves small- scale project management, and co-ordination of multiple aspects of work to meet deadlines
* Adapt existing, and develop new, scientific techniques and experimental protocols
* Test hypotheses and analyse scientific data from a variety of sources, reviewing and refining working hypotheses as appropriate
* Contribute ideas for new research projects
* Collaborate in the preparation of scientific reports and journal articles and occasionally present papers and posters
* Use specialist scientific equipment in a laboratory environment
* Act as a source of information and advice to other members of the group on scientific protocols and experimental techniques
* Represent the research group at external meetings/seminars, either with other members of the group or alone
* Carry out collaborative projects with colleagues in partner institutions and research groups

**Selection criteria**

**Essential:**

* A PhD / DPhil in a medical/biological subject (viva and corrections to have been completed before the start of the fellowship, but no more than 3 years before the application closing date of 28th May 2018. Time spent outside the research environment will be taken into consideration (e.g. time away due to maternity, paternity, adoption leave or other caring responsibilities; ill-health or working in a non-research environment/role such as industry).
* Have a strong academic record (e.g. prizes, 1st class degree etc.)
* A strong CV, as evidenced by publications in international journals
* Ability to work with meticulous attention to detail
* Evidence of excellent interpersonal skills with the ability to communicate research ideas and results in a clear and logical way
* Committed to a career in research
* Strong verbal and written communication skills
* A conscientious and enthusiastic working approach
* Excellent planning, organisational and problem solving skills

**Working at the University of Oxford**

For further information about working at Oxford, please see: [www.ox.ac.uk/about\_the\_university/jobs/research/](http://www.ox.ac.uk/about_the_university/jobs/research/)

Please note that the appointment of the successful candidate will be subject to standard compulsory pre-employment screening, such as right to work checks.

Furthermore, additional pre-employment screening is required for this post, as such; the successful candidate might be required to undergo Disclosure and Barring Service, criminal records checks and University security screening].

Please [click here](http://www.ox.ac.uk/about_the_university/jobs/preemploymentscreening/) to read the candidate notes on the University’s pre-employment screening procedures.

**Research at the University of Oxford**

The university is organised into 4 academic divisions. Biomedical research is primarily carried out by groups within the [Medical Sciences Division](http://www.medsci.ox.ac.uk) and [Mathematics, Physics and Life Sciences Division](http://www.mpls.ox.ac.uk/). A full list of research departments within the Medical Sciences Division can be found here <http://www.medsci.ox.ac.uk/departments>.