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# Postdoctoral Training Fellow

## Cell Division Team

## Candidate Information

June 2022

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### The Institute of Cancer Research

#### About our organisation

We are one of the world's most influential cancer research institutes with an outstanding record of achievement dating back more than 100 years. We are world leaders in identifying cancer genes, discovering cancer drugs and developing precision radiotherapy. Together with our hospital partner The Royal Marsden, we are rated in the top four centres for cancer research and treatment worldwide.

As well as being a world-class institute, we are a college of the University of London. We came top in the league table of university research quality compiled from the Research Excellence Framework (REF 2014).

We have charitable status and rely on support from partner organisations, charities, donors and the general public.

We have more than 1000 staff and postgraduate students across three sites – in Chelsea and Sutton.

#### Cell Division Team Team, Cancer Biology Division

The research of the Cell Division Team focuses on understanding how cells divide, in particular how the machinery that controls cell division is regulated in space and time.

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Our mission  
is to make the  
discoveries that  
defeat cancer.

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### Our values

The ICR has a highly skilled and committed workforce, with a wide variety of roles, each requiring different skills. But whether you work as a researcher, or work as part of our corporate team, your work and behaviour is underpinned by these six values. They are what bring us together as one team - as 'One ICR'.



#### **Pursuing excellence**

We aspire to excellence in everything we do, and aim to be leaders in our field.



#### **Acting with Integrity**

We promote an open and honest environment that gives credit and acknowledges mistakes, so that our actions stand up to scrutiny.



#### **Valuing all our people**

We value the contribution of all our people, help them reach their full potential, and treat everyone with kindness and respect.



#### **Working together**

We collaborate with colleagues and partners to bring together different skills, resources and perspectives.



#### **Leading innovation**

We do things differently in ways that no one else has done before, and share the expertise and learning we gain.



#### **Making a difference**

We all play our part, doing a little bit more, a little bit better, to help improve the lives of people with cancer.



***Our values set out how each of us at the ICR, works together to meet our mission – to make the discoveries that defeat cancer. They summarise our desired behaviours, attitudes and culture – how we value one another and how we take pride in the work we do, to deliver impact for people with cancer and their loved ones.***

**Professor Kristian Helin**  
Chief Executive

# Postdoctoral Training Fellow

## Candidate Information

### Job description

<b>Department / division:</b>	Cell Division Team, Division of Cancer Biology
<b>Pay grade / staff group:</b>	Postdoctoral Training Fellow
<b>Hours / duration:</b>	Full time (35 hours per week), Monday to Friday. Fixed term contract until 31 July 2024 in the first instance with the possibility of renewal
<b>Reports to:</b>	Professor Jon Pines, Team Leader & Head of Division of Cancer Biology
<b>Main purpose of the job:</b>	To measure and analyse the behaviour of the proteins involved in the Spindle Assembly Checkpoint

### Duties and responsibilities:

To design and undertake experiments appropriate for the project, working in a semi-independent fashion.
To maintain accurate records of experiments and data
To measure protein localisation, interaction and diffusion using Fluorescence Cross Correlation Spectroscopy and high temporal and spatial resolution fluorescence microscopy
Coordination with other members of the Team and the Division and a willingness to contribute to a multidisciplinary collaboration through providing scientific input into a developing research project
To contribute to the academic life of the laboratory, and by extension of the ICR.
To develop a knowledge of the literature in the subject area
Presentation of seminars and at lab meetings, journal clubs.
Writing drafts of publications arising from this work.
Any general laboratory duties that will be shared with other members of the Team.
Be familiar with ICR's approach towards risk management including its policies and procedures, which require all staff to play an active part in identifying and managing risk

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### Workforce Agreement for Postdoctoral Training Fellows

The ICR has a workforce agreement stating that Postdoctoral Training Fellows can only be employed for up to 7 years as PDTF at the ICR, providing total postdoctoral experience (including previous employment at this level elsewhere) does not exceed 10 years

### General

All staff must ensure that they familiarise themselves with and adhere to any ICR policies that are relevant to their work and that all personal and sensitive personal data is treated with the utmost confidentiality and in line with the General Data Protection Regulations

Any other duties that are consistent with the nature and grade of the post that may be required.

To work in accordance with the ICR's Values.

To promote a safe, healthy and fair environment for people to work, where bullying and harassment will not be tolerated.

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### Person specification

#### Education and Knowledge

PhD* in cell biology, biophysics or other relevant discipline	Essential*
Strong publication record in cell biology or biophysics as demonstrated by good, first author publications	Essential

#### Skills

Computer programming	Essential
Light microscopy	Essential
Competent at laboratory techniques, including protocol development and optimisation, trouble-shooting	Essential
Proven ability to design and implement experiments	Essential
Proven ability to integrate different experimental techniques	Essential
Excellent oral and written communication skills	Essential
Proven ability to write scientific manuscripts	Essential
Proven ability to plan, organise & prioritise a busy workload to meet milestones within specific timelines	Essential
Ability to work effectively & efficiently, both independently & as part of a team	Essential
Proven ability to work with limited supervision	Essential
Proven ability to work well under pressure whilst maintaining accuracy	Essential

#### Experience

Experience with Fluorescence microscopy or biophysics	Essential
Experience with Fluorescence Correlation Spectroscopy	Desirable
Experience in analysis of cell division research	Desirable
Experience with live cell microscopy in mitosis research is desirable.	Desirable

***\*as a minimum requirement candidates must have submitted their thesis by the start date of their employment and awarded their PhD within the six month probationary period.***

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### Benefits

We offer a fantastic working environment, great opportunities for career development and the chance to make a real difference to defeat cancer. We aim to recruit and develop the best – the most outstanding scientists and clinicians, and the most talented professional and administrative staff.

The annual leave entitlement for full time employees is 28 days per annum on joining. This will increase by a further day after 2 years' and 5 years' service.

Staff membership to the Universities Superannuation Scheme (USS) is available. The USS is a defined benefit scheme and provides a highly competitive pension scheme with robust benefits. The rate of contributions is determined by USS and details of the costs and benefits of this scheme can be found on their website. If staff are transferring from the NHS, they can opt to remain members of the NHS Pension Scheme.

We offer a range of family friendly benefits such as flexible working, a parents' group, and a maternity mentoring scheme. Other great benefits include interest free loans for discounted season tickets for travel and bicycle purchases, access to the NHS discounts website, a free and confidential Employee Assistance Programme which offers a range of well-being, financial and legal advice services, two staff restaurants, and access to a gym and sporting facilities at our Sutton site.

#### **Further information**

You may contact Professor Jon Pines for further information by emailing [jon.pines@icr.ac.uk](mailto:jon.pines@icr.ac.uk). This job description is a reflection of the current position and is subject to review and alteration in detail and emphasis in the light of future changes or development.