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## Scientific Officer Epigenetics and Cancer

Start date: June 2025 or as agreed.

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### **Epigenetics and Cancer Group, Division of Cell and Molecular Biology, Chelsea, London**

The Epigenetics and Cancer group, directed by Professor Kristian Helin, studies how fundamental biological processes are regulated and how these become perturbed in cancer. Our vision is that through our research we can play a role in developing new therapies for people with cancer and at the same time provide new insights into mechanisms regulating transcription, stem cell identity, and differentiation. Our research is mainly focused on how chromatin-associated proteins (epigenetics) regulate transcription and control cell-fate decisions. We are using a host of different methods in biochemistry, cell biology, and genetics (including mouse genetics) and several high-throughput genetic methods to identify potential novel therapeutic targets and achieve our goals.

We seek a Scientific Officer, who will help us achieve our research goals. The successful candidate will assist on projects in the laboratory and contribute to the day-to-day running of the laboratory. Therefore, a successful candidate for the position will have experience in molecular biology and biochemistry techniques, as well as working with tissue culture cells.

Our group is embedded within the Cell and Molecular Biology Division at the ICR's Chester Beatty Laboratories in Chelsea, London. We have a highly supportive and interactive research environment, and state of the art facilities for cell biology, molecular biology, next-generation sequencing, structural biology and mouse genetics. The great variety of disciplines at the ICR will ensure that you will be exposed to fantastic research and seminars from all types of backgrounds.

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Our mission  
is to make the  
discoveries that  
defeat cancer.

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# Scientific Officer

## Epigenetics and Cancer

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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 last Research Excellence Framework.

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 our sites – in Chelsea and Sutton.

# Scientific Officer

## Epigenetics and Cancer

### 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

# Scientific Officer

## Epigenetics and Cancer

### Job description

<b>Department / division:</b>	Cell and Molecular Biology
<b>Pay grade / staff group:</b>	Scientific Officer. Starting salary will be dependent on previous experience.
<b>Hours / duration:</b>	Full time (35 hours per week), Monday to Friday. Fixed term contract for 3 years
<b>Reports to:</b>	Professor Kristian Helin, CEO
<b>Main purpose of the job:</b>	To provide high-level support for the ongoing research in the Helin lab.

#### Duties and responsibilities:

##### General Lab management and support

Contribute to the day-to-day running of the lab, including management of laboratory stocks
Manage and maintain general lab equipment and organisation
Ensure that work conforms to Institute health and safety standards
Contribute to the management of laboratory budgets
Maintain excellent laboratory records and regularly report results at lab meetings and to senior colleagues

##### Laboratory duties

Perform experiments and contribute to ongoing research projects using basic cell and molecular biology approaches, including tissue culture, microscopy, and viability assays
Ensure that experimental projects are carried out to a high standard and in a timely manner as agreed with colleagues in the lab
Strive for continuous improvement, for example, by undertaking regular training courses and learning to use new equipment

##### 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.
This job description is a reflection of the present position and is subject to review and alteration in detail and emphasis in the light of future changes or development.

# Scientific Officer

## Epigenetics and Cancer

### Person specification

#### Education and Knowledge

BSc or equivalent degree in Biomedical Science or related subject	Essential
Relevant laboratory experience	Desirable

#### Skills and Experience

Experience with molecular biology (cloning, PCR etc) and biochemistry techniques (protein purification, protein-protein interaction analysis and protein-DNA analysis)	Essential
Ability to work collaboratively and enthusiastically as part of a large, fast-paced team – a 'team player'.	Essential
Ability to take responsibility and initiative	Essential
Ability to work precisely with excellent attention to detail and produce reproducible results	Essential
Excellent communication skills, both written and verbal	Essential
Motivated and enthusiastic	Essential
Willingness to learn and apply newly acquired knowledge	Essential
Computer literacy, with strong knowledge of Excel or similar	Essential
Experience with mammalian cell tissue culture	Essential
Coding skills	Desirable
Understanding of epigenetics and cancer	Desirable

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# Scientific Officer

## Epigenetics and Cancer

### Benefits

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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 Kristian Helin for further information by emailing [kristian.helin@icr.ac.uk](mailto:kristian.helin@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.