ICR The Institute of Cancer Research

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Shape the future of cancer research: Join ICR's Division of Cancer Biology

The Division of Cancer Biology at The Institute of Cancer Research (ICR) is entering an exciting new era under the leadership of Professor Chris Jones, Head of Division, and Professor Kamil Kranc, Founding Director of the newly created Centre for *In Vivo* Modelling (CIVM). Together, we are building a world-class environment for discovery and innovation in cancer biology.

Our research spans a diverse range of tumour types, including breast, prostate, paediatric, skin, and blood cancers, in which our Group Leaders are international leaders in their fields. Our multidisciplinary teams are dedicated to understanding the molecular and cellular mechanisms that drive cancer development, progression, and treatment response.

We employ advanced bulk, single cell and spatial multi-omics, and within our Centre for Evolution and Cancer, apply cutting-edge mathematical modelling of tumour evolution and drug resistance. We work closely with colleagues across the ICR and The Royal Marsden NHS Foundation Trust to develop innovative molecular diagnostics and identify novel therapeutic targets towards the clinical application of personalised medicine strategies.

The **Centre for *In Vivo* Modelling** accelerates this work through sophisticated mouse and patient-derived models that validate therapeutic targets and drive translation into clinical benefit.

With this new leadership and strategic vision, we are now recruiting **two exceptional Group Leaders** to join the Division of Cancer Biology and the Centre for *In Vivo* Modelling (CIVM). This is a unique opportunity to shape the future of cancer biology research, lead innovative programmes, and make discoveries that transform patient outcomes. These new Group Leaders will investigate fundamental mechanisms of tumour initiation, progression, and treatment resistance, and develop cutting-edge preclinical models to advance understanding of cancer biology. Working in close collaboration across the ICR and The Royal Marsden Hospital, the postholders will translate discovery science into new therapeutic opportunities, contributing to the ICR's mission to make the discoveries that defeat cancer.

Group Leader
Cancer Stem Cell (CSC) Biology

This role offers the opportunity to develop a research focus that complements the ICR and Royal Marsden Hospital's (RMH) disease-specific strengths, while also aligning with broader initiatives in drug development, cancer evolution, and metastasis. The appointed researcher will be expected to explore fundamental aspects of CSC biology, such as mechanisms of self-renewal and pluripotency, regulation of cell fate and differentiation, and the role of CSCs in shaping the tumour microenvironment and driving metastasis. Approaches to overcoming treatment resistance, including directed differentiation strategies, are also of interest.

Applicants should demonstrate a strong track record of internationally recognised research, evidenced by high-impact publications and success in securing major external funding. While established researchers are encouraged to apply, early-career scientists with a compelling and strategic research vision in CSC biology, and the potential to attract competitive funding, will also be considered. This is a unique opportunity to contribute to a dynamic and collaborative environment, advancing translational cancer research with real-world clinical impact.

Group Leader
In Vivo Cancer Modelling

The role is to establish an independent research programme within the *In Vivo* Modelling Centre at the Institute of Cancer Research (ICR), working under the Centre Director in a highly collaborative environment.

The successful candidate will develop and employ advanced *in vivo* cancer models – including lineage tracing, barcoding, and genetic screening approaches, as well as state-of-the-art patient-derived xenograft models – to tackle fundamental and translational questions in oncology. The successful candidate will establish a world-leading research programme in *in vivo* cancer biology, play a key role in the growth of CIVM, and foster collaborations across the ICR.

Please visit this link for more information about CIVM: https://www.icr.ac.uk/research-and-discoveries/centres-and-strategic-collaborations/centre-for-in-vivo-modelling

Please send a CV and brief statement of interest to:
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