

Faculty of Medicine
Hammersmith Campus
Epigenetics and Development Group

Research Associate
Salary Range £36,070 - £40,030 per annum

We are inviting applications for a Postdoctoral Research Associate to work on a **BBSRC-funded project**.

The Research Associate will join a multi-disciplinary research group focused on studying how cell potency and differentiation are critically balanced in stem cells and in the developing embryo. Our goal is to unravel the molecular mechanisms that underlie pluripotency and lineage choice.

The purpose of the proposed research project is to explore how genome function, developmental potency and metabolism are connected in pluripotent stem cells. Specifically, we aim at investigating the principles and factors that maintain and fine-tune the pluripotent state towards differentiation, and how these modulations link to metabolic switches. The post holder will be working in **Dr. Véronique Azuara's group** of the Institute of Reproductive and Developmental Biology (IRDB) at the Hammersmith Hospital campus of Imperial College London, in close collaboration with metabolomics, imaging and computational groups. Further information about the **Epigenetics and Development Group** and **Stem Cell Regenerative Medicine Network at imperial** can be found using the following links.

<http://www.imperial.ac.uk/people/v.azuara>

<https://www.imperial.ac.uk/stem-cell-regenerative-medicine-network>

Applicants must hold a PhD in a discipline relevant to the post, have proven expertise in stem cells and developmental biology, molecular and cellular biology, imaging, biochemistry, and epigenetic, transcriptional and/or metabolic profiling studies, as well as publications in leading journals, which are essential criteria of the post. Applicants should be highly dedicated and enthusiastic to pursue basic research, be well organised, have very high technical and intellectual standards and be able to work effectively as part of a team and in close collaboration with other groups.

This full time post is offered for a fixed term of 36 months.

For informal enquiries please contact
Dr. Véronique Azuara v.azuara@imperial.ac.uk

Our preferred method of application is online via our website
<http://www3.imperial.ac.uk/employment>. Please complete and upload an application form as directed.

Reference number: SM016-17HP

Closing date: 6 April 2017 (midnight GMT)

[*Imperial Managers lead by example.*](#)

Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion, a Disability Confident Employer and are working in partnership with GIRES to promote respect for trans people.