Research Assistant– Chromosome Biology of the Human Nucleolus

Centre for Chromosome Biology, School of Biological and Chemical Sciences, University of Galway

Ref. No. University of Galway 256-22

Applications are invited from suitably qualified candidates for a full-time fixed term position as a research assistant with Professor Brian McStay at the Centre for Chromosome Biology (CCB) in the School of Biological and Chemical Sciences, University of Galway. This position is funded by the SFI-HRB-Wellcome Trust Biomedical Research Partnership and is available from November, 2022 for 2 years.

For information on Prof McStay see https://www.chromosome.ie/researchers/mcstay/

Job Description:
The successful candidate will join a team that is using, molecular biology, cell biology and chromosome engineering approaches to study poorly characterised regions of the human genome.

Duties:
- The successful candidate will work directly under the supervision of a senior post-doctoral researcher in the group and will be a key member of an ongoing research project within the aim of understanding the chromosomal context of NORs and nucleolar formation in human cells see https://www.chromosome.ie/researchers/mcstay/ for details.
- Techniques involved include: cell culture, complex plasmid construction, genome editing, DNA sequencing, fluorescence microscopy. Training will be supplied.
- The successful candidate will also be expected to support and, where appropriate, co-supervise the work of undergraduate students e.g. Final Year Project Students.
- They will also carry out routine tasks that contribute to the effectiveness of the group’s research enterprise, including preparation of reagents and ordering of consumables.

Qualifications/Skills required:

Essential Requirements
- Applicants should have an undergraduate or postgraduate degree in a relevant biological discipline.
- Highly motivated and passionate about basic research
- Strong documentation, oral and interpersonal skills.
- Experience in molecular biology

Desirable Requirements
- Experience in mammalian cell culture
- Experience with microscopy
- Knowledge of genome editing technologies
- Experience in DNA sequence analysis
Employment permit restrictions apply for this category of post

**Salary:** €27,380 to €28,153 per annum pro rata for shorter and/or part-time contracts (public sector pay policy rules pertaining to new entrants will apply)

**Start date:** Position is available from 1st Nov 2022

**Continuing Professional Development/Training:**
Researchers at University of Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans. University of Galway provides continuing professional development supports for all researchers seeking to build their own career pathways either within or beyond academia. Researchers are encouraged to engage with our Researcher Development Centre (RDC) upon commencing employment - see [HERE](#) for further information.

Further information on research and working at University of Galway is available on [Research at University of Galway](#)

For information on moving to Ireland please see [www.euraxess.ie](http://www.euraxess.ie)

Further information about the CCB is available at [https://www.chromosome.ie/](https://www.chromosome.ie/)
Informal enquiries concerning the post may be made to Professor McStay (brian.mcstay@universityofgalway.ie)

**To Apply:**
Applications to include a covering letter, CV, and the contact details of three referees should be sent, via e-mail (in word or PDF only) to Professor McStay (brian.mcstay@universityofgalway.ie)

Please put reference number **University of Galway 256-22** in subject line of e-mail application.

**Closing date for receipt of applications is 5.00 pm 5th November 2022**

We reserve the right to re-advertise or extend the closing date for this post.

University of Galway is an equal opportunities employer.

All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment