



Postdoctoral Researcher - Bioinformatics

School of Mathematical and Statistical Sciences

Ref. No. University of Galway 117-23

Applications are invited from suitably qualified candidates for a full-time fixed-term position as a Postdoctoral Researcher in Bioinformatics within the School of Mathematical and Statistical Sciences at the University of Galway.

This position is available immediately until contract end date of Oct 16th 2025, (with possibility of extension).

The University of Galway is a publicly funded university in the top 1% in the world (QS rankings), and has earned international recognition as a research-led university with a commitment to highest-quality teaching and research. The university plays a leading role in Bioinformatics and Genomics Data Science nationally and is the lead institution of the Science Foundation Ireland (SFI) Centre for Research Training (CRT) in Genomics Data Science.

Job Description:

This post is based in the [Ó Broin Lab](#) (linked) which has research interests in the development of infrastructure and algorithms for genomics data science, with a particular focus on cancer genomics. In order to support a number of ongoing projects, we are looking to recruit a bioinformatics software developer with experience in database and web application development. Applications from candidates with experience in developing for AWS are particularly welcome.

Duties:

- Lead the design and development of database and/or web application components of cancer genomics projects.
- Contribute to the dissemination of research in the form of e.g. reports, papers, chapters, book.
- Mentor and assist graduate students.
- Engage in Education and Public Engagement (EPE) activities.

Qualifications/Skills required:

Essential Requirements:

- PhD in Bioinformatics, Computer Science or related discipline with significant informatics content.
- Demonstrable programming skills in, e.g., Python, Java.
- Experience in database design and development (SQL) and/or web application development (Javascript)
- Excellent written and oral communication skills.

Desirable Requirements:

- Experience in cloud-based software development (AWS)
- Experience in the development of reproducible scientific workflows (Nextflow) and/or software containers (Docker/Singularity)
- Knowledge of cancer genomics and/or immunology
- Track record of scientific publication and dissemination of results commensurate with career stage



Salary: Postdoctoral Researcher Scale Point 1 to Point 10 (€42,033 to €54,153 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 immediately

Continuing Professional Development/Training:

The 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 www.universityofgalway.ie/rdc 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

Further information about School of Mathematical and Statistical Sciences is available at <https://www.universityofgalway.ie/science-engineering/school-of-maths/>

Informal enquiries concerning the post may be made to Dr. Pilib Ó Broin (pilib.obroin@universityofgalway.ie)

NB: Garda vetting is a requirement for this post

To Apply:

Applications to include a covering letter, CV, and the contact details of three referees should be sent, via e-mail (in PDF format only) to Dr. Pilib Ó Broin (pilib.obroin@universityofgalway.ie)

Please put reference number **University of Galway 117-23** in subject line of e-mail application and indicate which of the two posts you are interested in applying for.

Closing date for receipt of applications is 5.00 pm May 22nd, 2023.

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

The University of Galway is an equal opportunities employer.

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



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HR EXCELLENCE IN RESEARCH

