



OLLSCOIL NA GAILLIMHĒ
UNIVERSITY OF GALWAY



HR EXCELLENCE IN RESEARCH

Research Assistant – CellConnect
Disruptive Technology Innovation Fund (DTIF) Round 6
Anatomy, College of Medicine
Ref. No. 011696

JOB ADVERTISEMENT

Applications are invited from suitably qualified candidates for a full-time, fixed term position as a Research Assistant with Discipline of Anatomy at the University of Galway, Ireland.

This position is funded by Disruptive Technology Innovation Fund (DTIF) Round 6 and is available from 01/06/2026 to contract end date of 02/06/2027.

This project, funded under the Disruptive Technologies Innovation Fund (DTIF) Round 6, addresses a critical challenge in biopharma: making Advanced Therapeutic Medicinal Products (ATMPs) more accessible and cost-effective. The retrieval and processing of these ATMPs require a robust supply chain to maintain the viability and quality of starting materials and final products for cell therapies within strict time constraints. The project aims to establish a reliable source of tissue procurement and manage downstream logistics of starting materials and final products for cell therapies. The lab at the University of Galway plays a crucial role in developing a novel dual-chamber transportation system that can sustain ATMP products under ambient shipment conditions for up to 100 hours. Through the CellConnect project, this technology will be optimized to extend the lifespan of starting materials and final products contributing to a smart, safe, and quality-assured supply chain for the biopharmaceutical sector.

Salary: Research Assistant salary scale €33,791 - €43,872 per annum, (subject to the project's funding limitations), and pro rata for shorter and/or part-time contracts.

The default position for all new public sector appointments is the 1st point of the salary scale. This may be reviewed, and consideration afforded to appointment at a higher point on the payscale (subject to the project's funding limitations), where evidence of prior years' equivalent experience is accepted in determining placement on the scale above point 1, subject to the maximum of the scale.

[\(Research Salary Scales - University of Galway\)](#)

Closing date for receipt of applications is 17:00 (Irish Time) on 6th April 2026. It will not be possible to consider applications received after the closing date.

***Please review full job description for further details and essential requirements.**

JOB DESCRIPTION



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Job Description:

The successful candidate will perform research tasks for the CellConnect DTIF project in Anatomy and liaise with partners in the University of Galway, HiTech Health Ltd., & Odyssey Validation Consultants Ltd. to develop a state-of-the-art disruptive digital technology to track live cells and monitor their viability in real-time as they are shipped ambiently to transform the current cell therapy supply chain.

Duties:

- Formulation, optimisation and scale-up of nanoemulsions.
- Independent management of simulated cell shipment experiments with real-time monitoring.
- Integration and maintenance of biosensor platforms for oxygen, pH and metabolic monitoring.
- Maintenance and experimental use of mammalian cell lines, including viability and functional assessments.
- Statistical analysis and validation of experimental data to assess system performance.
- Development and refinement of SOPs to support reproducibility and translational alignment.
- Contribution to experimental design, technical reporting and project meetings.
- Any other duties commensurate with the level of the post.

ELIGIBILITY REQUIREMENTS

Essential Requirements:

- Primary Degree (level 8) in Anatomy or related discipline
- Experience in formulation and optimisation of nanoemulsions
- Experience integrating and managing real-time biosensor monitoring
- Demonstrated competency in mammalian cell culture, including viability, metabolic and environmental measurements.

Desirable Requirements:

- Experience in medical device fabrication and benchtop performance testing.
- Experience with GMP-aligned or translational development environments.
- Experience in the development of SOPs and optimisation of experimental workflows.
- Proficiency in statistical analysis and quantitative data interpretation.

CONTINUING PROFESSIONAL DEVELOPMENT

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.



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FURTHER INFORMATION/LINKS

- **TO APPLY:** [Search Current University of Galway vacancies](#). Applications must be submitted online.
 - [How to apply guide](#)
- For informal enquiries, please contact:
Dr Ruth Levey ruth.levey@universityofgalway.ie
- [University's Strategic Plan](#)
- [Working in Research at University of Galway](#)
- [Moving to Ireland \(Euraxess\)](#)
- [Applicant Information](#)
- 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.

