**Postdoctoral Researcher**

**Gene Transfection Cell Analysis and Sorting Platform**

**Regenerative Medicine Institute (REMEDI)**

**NUI Galway**

**Ref. No. NUIG 165-20**

Applications are invited from suitably qualified candidates for a full-time fixed term position as a Postdoctoral Researcher within the **Regenerative Medicine Institute (REMEDI)** at the National University of Ireland, Galway.

This position is funded by the Irish Government Disruptive Technologies Innovation Fund and Enterprise Ireland and is available from 01 November, 2020 to 30 June, 2022.

**The work, in** partnership with Cellix Ltd. and Trinity College Dublin, the work is focused on the development of innovative therapies involving cell and gene therapy. It involves the generation of gene-modified stem cells as advanced therapeutics as well as innovation in cell separation and characterisation.

**Job Description:**

The successful applicant will have a Ph.D. in Biomedical Sciences or equivalent, a strong, proven track record in research and development in the areas of cell biology, stem cells or mesenchymal stromal cells, evidence of a high level of expertise in cell and molecular methods including isolation and differentiation of stem cells, transduction methods, differentiation assays, flow cytometry and other techniques. Previous experience in working with advanced therapeutics is required as well as demonstrable evidence of published work in the essential areas.

**Duties:**

The successful candidate will work on gene editing techniques involving human stem cells for development of therapeutically useful next generation cell products. This will involve a number of viral and nonviral gene transfection approaches as well as innovative cell separation methods.

**Qualifications/Skills required:**

**Essential Requirements:**

* Ph.D. in Biomedical Sciences.
* Strong, proven track record in research and development in the area of cell biology, stem cells mesenchymal stromal cells.
* Evidence of high level of expertise in cell and molecular methods including isolation and differentiation of stem cells, transduction methods, differentiation assays, flow cytometry and other techniques.
* Previous experience in working with advanced therapeutics.
* Demonstrable evidence of published work in the essential areas.

**Desirable Requirements:**

* Substantial experience in cell and molecular analysis.
* Experience in advanced imaging protocols.
* Expertise in data acquisition and analysis.
* A thorough understanding of translation of advanced medicinal products.
* Knowledge and understanding of pre-clinical research, translational research and clinical trial methodologies.
* Excellent verbal and written communication skills.
* Candidates must be highly organised, motivated and passionate about research and translational to novel therapeutics.

**(For research assistant and Part-time posts, please include this clause in the advertisement)**

**Employment permit restrictions apply for this category of post**

**Salary**: €38,631– €50,031 per annum (public sector pay policy rules pertaining to new entrants will apply).

**Start date**: Position is available from 01 November, 2020.

**Continuing Professional Development/Training**:

'NUI 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.nuigalway.ie/rdc](http://www.nuigalway.ie/rdc) for further information

Further information on research and working at NUI Galway is available on [Research at NUI Galway](http://www.nuigalway.ie/our-research/)

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

Further information about REMEDI is available at <https://www.nuigalway.ie/our-research/listings/regenerative-medicine.html>

**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 Frank Barry at frank.barry@uigalway.ie

Please put reference number **NUIG 165-20** in subject line of e-mail application.

**Closing date for receipt of applications is 5.00 pm Thursday 5th October 2020**

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

National University of Ireland, Galway is an equal opportunities employer.

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