



HR EXCELLENCE IN RESEARCH

Postdoctoral Researcher

Studying acute ischaemic stroke blood clots using mass spectrometry and histology

Centre for Research in Medical Devices (CÚRAM)

NUI Galway

Ref. No: NUIG-078-18

Applications are invited from suitably qualified candidates for a full-time, fixed term position for 36 months as a Postdoctoral Researcher with CÚRAM at the National University of Ireland, Galway. The project represents a Science Foundation Ireland facilitated collaboration between NUI Galway with an industrial partner. This position is available from 1st June 2018.

CÚRAM is a partnership of scientists, engineers and clinicians, who all share a common vision of developing the next generation of medical devices in order to provide solutions for current clinical needs. The University provides a research-friendly social and cultural environment. Galway is also one of the key cities in Europe with a significant presence of the medical device industry sector.

Job Description:

The successful candidate will be part of a team characterising thrombi from acute ischemic stroke patients, using histological techniques and mass spectrometry, in collaboration with key centres in Europe and USA. The creation of a database of stroke clot pathology will inform medical device design and lead to advances in stroke treatment.

Duties:

- Development of clot analysis protocols using histology, immunohistochemistry and mass spectrometry
- Analysis of clots retrieved from acute ischemic stroke patients and development of capacity for the analysis and characterisation of blood clot samples in the CURAM clot laboratory
- Development of a clinical database of acute ischemic stroke clot pathology
- Publication of research outcomes in high impact factor journals and presentation at national and international meetings
- Active participation in international conferences, meetings and networking events
- The role will require the successful candidate to spend time on secondment to the Mayo Clinic, USA.

Qualifications/Skills required:

Essential Requirements:

- Applicants must have a Ph.D. in the Biomedical Sciences or Medical degree (M.B., B.Ch., B.A.O or equivalent).
- A track record in histology and/or mass spectrometry is essential.
- Candidates should have a track record in mass spectrometric analysis and histology/ immunohistochemistry.
- Candidates must be highly motivated and have excellent writing, presentation, verbal communication, organizational and interpersonal skills.

Desirable Requirements:

- Publications in high impact factor journals
- Leadership and project management capability

Salary: €36,000 - €39,138 per annum

Start date: Position is available from 01 June 2018

Continuing Professional Development/Training:

Researchers at NUI Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans.

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

For information on moving to Ireland please see www.euraxess.ie

For more information on CÚRAM please refer to <http://www.curamdevices.ie/>

Informal enquiries concerning the post may be made to Dr Karen Doyle (karen.doyle@nuigalway.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 word or PDF only) to Dr Karen Doyle (karen.doyle@nuigalway.ie).

Please put reference number **NUIG-078-18** in subject line of e-mail application.

Closing date for receipt of applications is 5.00 pm Friday 27 April 2018

Interviews are planned to be held on 22 May 2018

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

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

