

PhD Studentship in Cell and Developmental Biology

"NEUcrest" ITN Early Stage Researcher (two positions) at School of Natural Science

National University of Ireland Galway

Ref. No. NUIG 197-19

Applications are invited from suitably qualified candidates for two full-time, fixed term positions as an Early Stage Researcher with Dr. Gerhard Schlosser, School of Natural Science at the National University of Ireland, Galway.

This position is funded by the Horizon 2020 programme of the European Union and is available from 1st June 2020 to contract end date of 31st May 2023.

NEUcrest is a four-year project, funded by the European Union Horizon 2020 Programme (grant agreement number 860635). The neural crest is an essential stem cell population of the vertebrate embryos. The project focuses on integrating academic, clinical and industrial research for a better understanding of neural crest development and neural crest related diseases. These pathologies are a major group of congenital diseases in human, and a heavy societal concern. The NEUcrest network comprises 20 partners in academia, industry and hospitals from seven European countries, gathered in a synergistic effort to advance knowledge and outreach about these diseases.

Job Description/Duties:

The successful candidate will work in one of two highly multidisciplinary projects and will employ a variety of scientific techniques including embryological methods, genome editing, imaging as well as generation and bioinformatic analysis of genomic datasets to investigate neural crest development in embryos of the clawed toad, *Xenopus laevis*. The two projects will focus on:

1) **Elucidating the specification of neural crest and other ectodermal territories at the *Xenopus* neural plate border**

or

2) **Analyzing the role of Sox9/Sox10 in *Xenopus* neural crest and cranial placode development**

In addition, training for transferrable skills in outreach and industrial management are deeply embedded in the programme.

Qualifications/Skills required:

Essential Requirements:

- Master's degree in Biology or Biomedical Science
- Strong background in Cell Biology, Genetics, and Molecular Biology
- Experience in laboratory training validated by internships and written reports (at bachelor and master level)
- Less than 4 years' full time equivalent research experience and has not yet been awarded a doctoral degree (PhD)
- Resided less than 12 months in Ireland in the last 3 years
- Excellent communication and organisation skills
- Fluent in spoken and written English
- Excellent writing and presentation skills
- Flexibility and ability to work in a team environment
- Availability to travel nationally and internationally two to three times a year.

Desirable Requirements:

- Experience with outreach events
- Experience in Developmental Biology and animal models.

Salary: The remuneration will be in line with the European Commission rules for Marie Skłodowska-Curie grant holders (Early-Stage Researchers, Initial Training Network).

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-msca_en.pdf

Start date: Position is available from 1 June 2020

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

Informal enquiries concerning the post may be made to Dr. Gerhard Schlosser (gerhard.schlosser@nuigalway.ie)

NB: Garda vetting is a requirement for this post (as appropriate to Child Protection Policy)

To Apply:

Applications (in English) should include a CV (please use Europass template:

<https://europass.cedefop.europa.eu/editors/en/cv/compose>), certificates of examination grades, a motivation letter (max. 1 page) describing your research career goals, skills and experience, as well as two letters of recommendation. Please send applications via e-mail (in PDF only) to Dr. Gerhard Schlosser: gerhard.schlosser@nuigalway.ie

Please put reference number **NUIG 197-19** in subject line of e-mail application.

Closing date for receipt of applications is 5.00 pm, Friday, 17th April 2020

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.

Personal data disclaimer: Please note that in order to demonstrate fair equal recruitment and to provide statistical data on the recruitment for MSCA program, NEUcrest management team may need to retain the following personal data of all applicants: full name, gender, nationality, copy of the CV.

In this case data will be preserved till maximum up to 5 years after the termination of the NEUcrest grant.

By applying for the advertised positions the applicant automatically gives the authorization to store his/her personal data.

The applicant may refuse, without having to give any explanations, the preservation of the data. In this case he/she needs to inform about it the management team of NEUcrest consortium upon submitting the application or sending a request at daria.barsuk@curie.fr or neucrest@gmail.com. This disclaimer solely expresses the needs of the NEUcrest consortium and not the recruiting institution - NUI Galway.



Marie Skłodowska-Curie
Actions