Ph.D Studentship in Cell and Developmental Biology

"NEUcrest" ITN Early Stage Researcher position at School of Biological Sciences, University of East Anglia, Norwich, UK.

Applications are invited from suitably qualified candidates for two full-time fixed term position as an Early Stage Researcher within the lab of Dr Grant N. Wheeler, University of East Anglia, UK. (https://people.uea.ac.uk/grant_wheeler)

These positions are funded by the Horizon 2020 programme of the European Union and will be available 1st January 2020. The appointment will be on a full-time basis for a period of 3 years. The remuneration will be in line with the European Commission rules for Marie Skłodowska-Curie grant holders (Early-Stage Researchers, Initial Training Network).

NEUcrest is a four-year project, funded by the European Union Horizon 2020 Programme. 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.

These Ph.D projects are highly multidisciplinary and will develop scientific strategies from experimental embryology, genome editing, imaging and generation of genomic datasets. They will focus on:

1) Developing a Xenopus model for understanding the development of the adrenal gland and associated neurocristopathies (WHEELERG_U19MCETN1)

or

2) Developing our understanding of the role of microRNAs in Xenopus neural crest and placode development (WHEELERG_U19MCETN2)

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

The NEUcrest ITN and this PhD projects are due to start, after grant agreement signature, in January 2020. Deadline for applications is October 18th 2019.

Person Specification: Acceptable first degree or Masters in Biological Sciences, Cell Biology, Genetics and Molecular Biology.

EU applicants are eligible to apply who have not been based in the UK for more than 12 months in the last 3 years.

Start date: Position is available from 1st January 2020. All enquiries about the position may be made to Dr Grant Wheeler (grant.wheeler@uea.ac.uk)

To Apply: Applications, in English, should include a detailed CV, certificates of examination grades (bachelor and master), a motivation letter describing your career goals, skills and experience, as well as two letters of recommendation. To apply please go to https://www.uea.ac.uk/study/postgraduate/apply.

Closing date for receipt of applications is 5.00 pm on 18th October 2019