



JOB OFFER

3-year PhD Position in Developmental Biology (H2020 : NEUcrest)

ORGANISATION/COMPANY: AZELEAD [partner: University of Montpellier]
RESEARCHER PROFILE: First Stage Researcher (R1)
LOCATION: FRANCE › Montpellier
JOB STATUS: Full-time
SALARY: In line with the Marie Skłodowska-Curie guidelines [Early Stage Researchers, ITN]
APPLICATION DEADLINE: 30/09/2019 - Europe/Brussels
STARTING DATE: Nov. 2019

NEUcrest is a four-year project, funded by the European Union Horizon 2020 Program [pending Grant Agreement signature [No. 860635, due in August 2019]. 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.

Project:

Within the NEUcrest network, the PhD candidate will study the innervation of tumor and its implication in initiation and migration of tumor cells in the context of tumor derived from neurocristopathies. The PhD candidate will: [1] Select gene candidates implicated in sympathetic lineage derived from NC Cell, [2] Generate reporter and crisprant zebrafish lines, [3] Study tumor innervation and the effect on initiation and migration of tumor cells, [4] Develop and validate high content screening [HCS] *in vivo* on the zebrafish model.

Qualifications :

- Master's degree in biology awarded at the start of the Ph. D. position
- Strong experience in Cell Biology, Developmental Biology, Animals models
- Less than 4 years' full-time equivalent research experience, not yet been awarded a doctoral degree (PhD)
- Resided less than 12 months in the country (France) of the host institution in the 3 years prior to selection
- Experience in laboratory training validated by internships and written reports [at bachelor and master level]
- Excellent communication and organization skills
- Fluent in spoken and written English
- Excellent writing and presentation skills
- Flexibility and ability to work in a team
- Availability to travel nationally and internationally two to three times a year with NEUcrest network

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. Please send applications by e-mail to contact@azelead.com. Please entitle the email as follows: "ITN_NEUcrest_your name" in the subject line of email application.