



EUROPEAN SCHOOL FOR INTERDISCIPLINARY RESEARCH IN TINNITUS (ESIT) *H2020-MSCA-ITN-722046*

PhD position at the Centre for Genomics and Oncology Research (GENyO) to investigate genetic contribution to chronic tinnitus in patients with Meniere's disease

Profile: BSc in Biochemistry, Computer Science, Mathematics or Statistics with a Master in Bioinformatics

The position will be part of the ESIT (www.esit.tinnitusresearch.org)– a Marie Skłodowska-Curie Action funded by the European Commission. The position will be funded for 36 months at the Otology and Neurotology Group, Centre for Genomics and Oncological Research (GENyO) Pfizer-University of Granada-Junta de Andalucía, Granada, Spain.

The laboratory has identified novel mutations in familial Meniere's disease (MD) and our goal is the elucidation of the underlying genetic contribution in hearing and tinnitus in these patients. Clinical heterogeneity of tinnitus patients makes difficult to investigate the molecular bases. MD is a well-defined disorder characterized by sensorineural hearing loss, episodic vertigo and tinnitus that can be used as a human model to study tinnitus. The aim of this project is to identify common and rare allelic variants in a selected group of patients with MD extreme tinnitus phenotype using NGS technologies and to validate these variants in non-MD tinnitus patients. The candidate will perform statistics analyses comparing sequencing data against genomic datasets to investigate the combined effect of rare and common variants in tinnitus phenotype.

Requirements:

- BSc in Science disciplines and Master degree in Bioinformatics
- Strong knowledge in biostatistics.
- Experience with genome databases and browsers.
- Creative thinking, communication skills and be able to work independently and collaboratively in our multidisciplinary team.
- Basic experience in clear writing scientific reports or articles
- Very good skills in English in speech and writing

We offer

- Active participation in the training activities of the European School on interdisciplinary Tinnitus Research (ESIT)
- A diverse and attractive environment for interdisciplinary research training with close clinical connections
- High-quality education within ESIT at the University of Granada, funded by the Marie Skłodowska-Curie Actions

- Hands-on research training in an inter-disciplinary team of experienced researchers and clinicians
- Excellent opportunities for cooperation with an international network of tinnitus experts
- Excellent supervision on your research project at multiple levels

Deadline: May 30th, 2017

Candidates must have less than 4 years of full-time equivalent research experience at the time of recruitment. At the time of recruitment, the applicant must not have worked or studied more than 12 months during the previous 36 months in Spain.

Women and disabled applicants are encouraged to apply. Applicants should send a PDF including a cover letter, CV and names/contact information of 2 references to:

María Luisa Bernier Villamor

Head of Human Resources, Fundación para la Investigación Biosanitaria de Andalucía Oriental FIBAO

E-mail: mbernier@fibao.es



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