

## Call for post-doctoral candidates for Molecular Diagnostics Unit- ICO

### CANDIDATE PROFILE

#### **Academic degree**

- PhD Degree in Biology, Genetics, Biochemistry, Biotechnology, Medicine, Bioinformatics or related discipline.

#### **Requirements and expertise**

- Experience in human genetics and molecular biology
- Experience in Next Generation Sequencing (panel design and bioinformatics analysis), epigenetics and high sensitive technologies for mutation detection will be valued.
- Any participation in research projects, co-authorship in publications and mobility experience will be considered as a valuable contribution.
- English proficiency.
- Good communication skills.
- High motivation and ability to be involved in a multidisciplinary team.

#### **Contract duration and other benefits**

- 1-year contract with the aim of being renewed (start date: January 2020)
- Salary: approximately XXX euros/year

### HOST GROUP

The candidate will have molecular diagnostics tasks at the Molecular Diagnostics Unit of the **Hereditary Cancer Program of the Institut Català d'Oncologia, IDIBELL**.

The overarching goal of our group is to gain insight into the molecular basis of hereditary cancer, to personalize risk assessment to patients and relatives, as well as to individualize management regarding follow-up, treatment and prophylactic measures. Our multidisciplinary group includes basic researchers, clinicians, genetic counselors in familial cancer, bioinformaticians and laboratory technicians, facilitating fully comprehensive studies, data analysis, access to the patients and samples, and the translation of the obtained results to the clinics and genetic counseling.

Successful candidates will join a dynamic, young and well-equipped research group with strong interactions and multidisciplinary research. The group offers a stimulating research atmosphere in which collaboration and exchange of ideas and techniques is actively encouraged with a strong commitment to research, providing a lively and stimulating environment for young talents.

In the last years we have contributed in a highly relevant manner to the identification of novel hereditary cancer genes, the molecular and clinical characterization of new familial cancer syndromes and the

molecular characterization of tumors. Moreover, our group has pioneered the implementation of multi-gene panels in the routine genetic diagnostics of hereditary cancer.

### **APPLICATIONS**

To apply, please send a **cover letter containing a statement of research interest and experience** (pdf), a **CV** (pdf) and **names and contact information for three researchers** that are familiar with you and with your work to Conxi Lazaro ([clazaro@iconcologia.net](mailto:clazaro@iconcologia.net)).

