

**Call for
BIOINFORMATICIAN
with experience in cancer genomics**

CANDIDATE PROFILE

Academic degree

- Masters degree in Bioinformatics, Biostatistics or a related discipline.
- or equivalent work experience as a bioinformatician.

Requirements and expertise

- Experience in NGS advanced analysis (genome/exome sequencing (both germline and somatic), RNA-seq and whole genome BS-seq).
- Good knowledge of R/Bioconductor programming. Python knowledge will be valued.
- Good knowledge of statistics.
- Experience working with Linux in an HPC environment (clusters, SGE, etc...).
- English proficiency.
- Good communication skills.

Duties

- Biological data analysis: process and analyse data from different projects and platforms such as NGS, microarrays, etc...
- Design, develop and maintain the data analysis pipelines for the lab.
- Provide support to the other lab members on experimental design and data analysis plan for various research projects.
- Contribute to the existing genetic diagnostics data analysis platform and pipelines.

Nationality

- EU citizens or of any nationality with current/active Spanish work permit.

Contract duration and other benefits

- Full time contract
- Salary according to candidate's experience.

HOST GROUP

The candidate will have the opportunity to initiate and conduct research within the Hereditary Cancer Program of the Institut Català d'Oncologia, IDIBELL [Program Director: Gabriel Capellá; Principal Investigators: Gabriel Capellá, Conxi Lázaro, Marta Pineda and Laura Valle].

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 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 and an environment in which collaboration and exchange of ideas and techniques is actively encouraged with a strong commitment to research which provides 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 to the molecular characterization of tumors. Moreover, our group has pioneered the implementation of multi-gene panels in the routine genetic diagnostics of hereditary cancer.

Our group is currently funded by the Ministerio de Economía y Competitividad, Instituto de Salud Carlos III, Asociación Española Contra el Cáncer (Grupos Estables) and CIBER-Cancer.

APPLICATIONS

To apply, please send your **CV** (pdf) and **names and contact information for 2-3 researchers** that are familiar with you and with your work to Laura Valle [email: lvalle@iconcologia.net].

Review of applications will start immediately and continue until the position is filled.