

Director of the IMPPC BioBank (DNA and biological samples)

IMPPC Overview

The Institute of Predictive and Personalized Medicine of Cancer (IMPPC) is a new independent non-profit-making research centre. It was founded and financed by the Generalitat of Catalonia (Autonomous Government). The activities of the IMPPC are directed at the development of the necessary tools to make the concept of Predictive and Personalized Medicine in the field of cancer a reality.

Objectives:

- To investigate genetic and epigenetic alterations of somatic cells and germ lines which confer a predisposition to cancer.
- To develop research programs to identify molecular changes which serve as biomarkers for tumors to define the progress of the disease and the possibility of a personalized treatment of cancer.

Main areas of research:

1. Model systems in cancer genetics and epigenetics
2. Mechanisms of tumor development and progression and genetic instability
3. Experimental approaches in Bioinformatics and genetic research
4. Molecular epidemiology and genotyping at population level
5. Molecular pathology and diagnostic and analytical tools in molecular oncology
6. Genetic and epigenetic modifiers of cancer risk
7. Diagnosis of hereditary cancer

The BioBank of the IMPPC is a platform that will make information about a significant and representative sample of the population of Catalonia available for the study of risk factors and mechanisms of susceptibility to cancer. The information will be epidemiological and biological, genomic, epigenomic and proteomic.

Requirements:

- PhD in Biomedical Sciences
- Management experience in biobanks and experience in biomedical research experience in at least one of the following areas: molecular biology, epidemiology, oncology and/or bioinformatics
- Knowledge of the legal requirements of biobanks in Spain

- The candidate should have capacity for leadership and management of people, excellent communication skills and ability to interact with researchers from different fields. They should also have future vision for the future of Predictive and Personalized Medicine of Cancer

Responsibilities:

- Design and starting up of the technology platform; equipment acquisition, selection and organization of staff, design of management model
- Design and supervision of the process for obtaining samples and associated information
- Design of the portfolio of services offered and the inclusion of samples in the bank while insuring the value proposition of the bank
- Coordination with other national and international biobanks
- Dialogue with health and social institutions
- Active seeking of funds for the development of the Biobank

Conditions offered:

- Attractive salary package in function of candidate's profile
- Support from the management of the IMPPC (personal and material) to enable the successful candidate to develop a top class Biobank of international standing
- Dynamic scientific environment open to collaborations and alliances, especially in the field of oncology research
- Opportunities to develop your own research program within the research lines of the IMPPC

CVs should be sent to:

e-mail: rrhh@imppc.org

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