POSTDOCTORAL POSITIONS IN COMPUTATIONAL BIOLOGY AT UNIVERSITY OF NAVARRA

Bizkaia talent

Company Description

The University of Navarra is an international University committed to quality teaching and excellence in research. It occupies the 3rd position in the Europe Teaching Ranking 2019 by Times Higher Education and Elsevier. The University was founded on the basis of Catholic principles by St. Josemaría Escrivá and is a corporate work of Opus Dei. It provides suitable opportunities for the development of its professors and employees, carries out broad cultural outreach and social promotion through NGOs and charities, and encourages service learning programs. All qualified applicants will receive equal consideration for employment. The School of Engineering (Tecnun) has 1,200 students and it is placed in Donostia-San Sebastián, a beautiful city in the north of Spain, on the Basque coast. As an academic institution, we develop basic research in several fields of engineering, but we also carry out applied research in collaboration with Ceit, a non-profit research centre that was created by the University of Navarra in 1982.

Information

- Deadline: 2020-02-29
- Category: Academia
- Province: Gipuzkoa
- Country: Basque Country
- City: San Sebastián

Company

Ceit

CEIT
MEMBER OF
BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

A postdoctoral and PhD position are open in the Bioinformatics group at University of Navarra. Our group spans the areas of personalized medicine and nutrition, as well as systems pharmacology, with a clear focus on genome-scale metabolic networks and applications to cancer, obesity and rare diseases.

Candidates interested in using computational tools and mathematical models to analyze large-scale meta-omics data in the context of precision oncology are encouraged to apply. Selected candidates will be involved in an EraPerMed European project about Acute Myeloid Leukemia. In particular, the main task will be the integration of genomics, transcriptomics and metabolomics data, in the context of genome-scale metabolic networks, in order to identify drug targets and response biomarkers.

Requisites

Requirements: Candidates must hold a degree in statistics, mathematics, physics, engineering or computer science, or a degree in biological science with substantial experience in bioinformatics and systems biology, as well as programming skills. We will appreciate candidates with previous expertise in the analysis of metabolic modeling and -omics data, although other profiles will also be considered.

Benefits

Hours Winter time: entry 8 to 9.30 (7.75 hours a day with flexible departure). Summer time: Work only in the morning during July and August (6 hours). 3 years contract.