ΕΘΝΙΚΟ ΙΔΡΥΜΑ ΕΡΕΥΝΩΝ
National Hellenic Research Foundation

UPCAST
PROJECT
UNIVERSAL PLATFORM COMPONENTS FOR
SAFE FAIR INTEROPERABLE DATA EXCHANGE,
MONETISATION AND TRADING

Open call for initial expression of interest

The Metabolic Engineering and Bioinformatics group of ICB, NHRF works on translational cancer genomics. By exploiting experimental and computational approaches, we aim at the deeper understanding of molecular mechanisms and regulatory networks governing the pathophysiology of cancer. We exploit in-house generated data from clinical samples and *in vitro* models and we seek for new datasets to leverage our research. Although data sharing is well recognized as a cornerstone of cancer genomics, several barriers still retain a great amount of data unexploited.

UPCAST project "UNIVERSAL PLATFORM COMPONENTS FOR SAFE FAIR INTEROPERABLE DATA EXCHANGE, MONETIZATION AND TRADING" is funded by the European Union´s Horizon Research and Innovation Action. UPCAST aims to develop a set of universal, trustworthy, transparent and user-friendly plugins for the automation of data sharing and processing agreements, ensuring compliance with the FAIR principles across a broad spectrum of diverse data environments. In the frame of UPCAST, our group is piloting privacy-preserving sharing and integration of genomic and biomedical data.

In this framework there is an immediate opening for a collaborating research assistant at Postgraduate or Postdoctoral level.

The ideal candidate should have the following qualifications:

REQUIRED QUALIFICATION

1. Degree in Computer Science, Biology, Applied Informatics, Electrical Engineering/ /Computer Engineering, or a related subject.

2. Master's degree or Doctoral degree in Bioinformatics, Computational Biology, and/or Biomedical Science, or in a related field.

PREFERRED QUALIFICATION

1. Experience in developing automated computational workflows for the analysis of biomedical data.
2. Construction and use of Docker and cloud computing technologies.
3. Experience in analysing Next-Generation Sequencing (NGS) data with a focus on cancer.
4. Experience in writing scientific publications and research proposals.
5. Excellent knowledge of English

Interested candidates should submit, as soon as possible, a full CV to Dr. Olga Papadodima: **opapadod@eie.gr**