



UNIVERSITY OF
PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ



ΕΛΙΔΕΚ.
Ελληνικό Ίδρυμα
Έρευνας & Καινοτομίας

2 PhD positions are available to begin in early (first trimester) 2021 in the lab of Physiology of the Medical School of University of Patras. The projects are relevant to the understanding of the cellular and transcriptional heterogeneity of human bone marrow haemopoietic and stroma cells. The lab has attracted funding from Hellenic Foundation and Research Innovation (HFRI). Successful applicants will have the opportunity to perform research using Flow cytometry analysis, Confocal microscopy and genetic models of mice.

We are looking for enthusiastic and motivated individuals with ideally some lab experience in flow cytometry or cell or molecular biology techniques who are good team members to work in close collaboration with other labs from Medical School.

The applicants should hold a BSc/MSc in Biomedical Sciences (Biology, Chemistry, Molecular Biology or Biomedicine). Proven interest in cell, molecular biology and bioinformatics would be an advantage.

To apply please send a CV, cover letter and contact details of 2 referees at dkarami@upatras.gr

For more information please check the following pages:

https://scholar.google.com/citations?user=5Mg_N4MAAAAJ&hl=en

<https://gr.linkedin.com/in/dimitris-karamitros-21a4b08>

<https://www.med.upatras.gr/index.php?r=faculty/view&id=285&lang=en>

Relevant publications:

- **Karamitros D**, Stoilova B, Aboukhalil Z, ..., Majeti R, Gottgens B, Vyas P. Single cell analysis reveals the continuum of human lympho-myeloid progenitor cells. **Nature Immunology** (2018) Jan;19(1):85-97
- **Karamitros D**, Kinstrie R, ..., Copland M, Vyas P. Heterogeneous leukemia stem cells in myeloid blast phase chronic myeloid leukemia. **Blood Advances** (2016) Dec 2016 1:160-167
- Quek L, Otto G, Garnett C, Lhermitte L, **Karamitros D**, ..., Porcher C., Vyas P. Genetically distinct leukemic stem cells in human CD34- acute myeloid leukemia are arrested at a haemopoietic precursor-like stage. **Journal of Experimental Medicine** (2016)