



"ALEXANDER FLEMING"
Biomedical Sciences Research Center

Call for Expression of Interest

Bioinformaticians/computational biologists – Verykokakis lab

The Verykokakis lab at the Biomedical Sciences Research Center "Alexander Fleming" (www.fleming.gr) is looking for a highly motivated bioinformatician or computational biologist to join their team. The lab is interested in understanding the molecular mechanisms that control T cell fate decisions using genetically modified mouse models.

Successful candidates will have the opportunity to work with an interactive group of molecular biologists and senior bioinformaticians to analyze data from **multi-omic single-cell and bulk Next Generation Sequencing** experiments in order to understand the transcriptional networks and chromatin dynamics involved in T cell development.

Applicants are required to have advanced skills in programming (R or Python) and statistics and experience in the analysis of Next Generation Sequencing data.

The candidates should hold a BSc degree in Computer Science or related field (e.g. Engineering, Applied Math, Physics, etc) or/and an MSc degree in Bioinformatics or related field (e.g. Computational Biology, Biostatistics, etc). Additionally, applicants should have good communication skills to provide support both to members of the Verykokakis lab as well as collaborating groups.

Expression of interest should include a curriculum vitae, a cover letter outlining the candidate's interests and expertise (max. 1 page), and contact information of at least two referees, and should be sent to verykokakis@fleming.gr.

Deadline for submissions of expression of interest: 25 July 2023

BSRC Fleming is a top-ranked Greek non-profit research organization focusing on scientific and technological excellence, training and innovation in biomedical sciences. The Center was established in 1998, and operates under the supervision of the General Secretariat for Research and Technology (GSRT) of the Hellenic Ministry of Education. Competitive funding each year amounts to 75-85% of the total budget of the Center, an achievement that underlies Fleming's strategic prioritization of research and innovation. The Center has gained international recognition for its pioneering research towards understanding the molecular and cellular basis of human diseases such as autoimmune diseases, cancer, neurodegenerative disorders, osteoporosis, pulmonary fibrosis and others, and the development of new approaches for their diagnosis and treatment. Fleming's strength and international visibility lies on its focus and success in developing and characterizing animal models that mimic human disease and the Center has consequently invested heavily on related infrastructures.