



"ALEXANDER FLEMING"
Biomedical Sciences Research Center

Research in Human Genomics: Call for Expression of Interest for Postdoc, PhD Student, Staff Scientist, and Research Assistant/Technician Positions

The Dimas Lab is recruiting researchers at all levels (postdoc, PhD student, staff scientist, research assistant/technician) to join our team at **BSRC 'Alexander Fleming'** (www.fleming.gr) in Athens, Greece, to **work on ERC-funded research in regulatory genomics and disease genetics**. The group's research is highly interdisciplinary and covers human genomics, systems biology, statistical genetics, bioinformatics, data integration and molecular biology.

Our group's main project addresses the molecular impact of dietary intake in humans through comparison of molecular and functional effects in two groups of individuals with distinct dietary regimes (www.fastbio.gr). Molecular effects are explored in the context of embedded genetic variation, through a comprehensive set of omics assays, including metabolomics, transcriptomics, epigenomics and investigation of the gut microbiome. Functional consequences are interrogated at the cellular level through primary cell culture. Analyses will include interrogation of GWAS data, sequencing data, genomics data, experimental data, and biobank data. The successful candidates will be part of a multidisciplinary team working on biological questions ranging from basic human genome science to regulatory and disease genomics.

Postdoc: The ideal candidate for this position will have a PhD in a quantitative discipline such as Statistical Genetics, Bioinformatics, Computational Biology, Statistics and related fields. He/she will have expertise in linux and in high performance computing environments, and experience in analyzing large-scale, biological datasets. The ideal candidate will also have experience with NGS data analysis (using standard bioinformatics tools including R, aligners, callers, imputation, phasing etc.), as well as software development skills including programming skills in python.

PhD student: The ideal candidate will have a degree in Computer Science, Statistics, Computational Biology, or in Biological Sciences, but with strong computational and programming skills. Candidates who also hold an MSc in one of the above fields will be preferred.

Staff scientist: The ideal candidate will have a degree in Computer Science or a related field, and experience in processing and management of large-scale datasets.

Research assistant/laboratory technician: The ideal candidate will have a degree in Biology, Biochemistry or a related field and a strong background in handling and processing biological material from humans. Candidates with experience in projects linked to the gut microbiome will be preferred.

Requests for more information and expression of interest should be sent electronically to Dr. Antigone Dimas dimas@fleming.gr. Candidates should email a cover letter outlining their interests and areas of expertise (maximum 1 page long), together with a curriculum vitae (indicate **position code: 201911_EoI_AD**). For more information, candidates may call 210 9656310 (ext. 143).

Deadline for expression of interest: 20 December 2019