The Kollias Lab is seeking a motivated Bioinformatician/Computational biologist to join its Single cell and Spatial Analysis Unit.

S/he will support the team's efforts to provide end-to-end bioinformatic analysis solutions and in-house analysis pipelines to interpret high-dimentional single-cell data to understand molecular and cellular mechanisms underlying chronic inflammation, fibrosis, cancer and other pathologies.

Responsibilities

- Implement state-of-the-art analysis methodologies for multi-omic single-cell Next Generation Sequencing experiments (10x Genomics Technologies: e.g. single-cell RNA-seq, ATAC-seq, SNV, spatial transcriptomics)
- Provide bioinformatics support to research projects that aim to decipher complex biological processes in diverse disease settings.

Required Qualifications

- BSc in Computer Science or related fields (e.g. Engineering, Applied Math, Physics, etc) and/or
  MSc (can be ongoing) in Bioinformatics or related fields (e.g. Computational Biology, Biostatistics, etc)

- Basic skills in programming (R or Python) and statistics
- Basic experience with Linux operating systems and familiarity with BASH scripting

Additional qualifications

- Experience with the analysis of NGS data will be considered a significant advantage
- Good communication skills and ability to interact with scientists from different fields
- Very good knowledge of English

Benefits

- Performance-based incentives.
- Opportunities for professional development and career advancement in a multidisciplinary team
- Collaborative and supportive work environment that values innovation, integrity, and scientific excellence.

For expressions of interest, please send your CV, names of 2 referees and a cover letter (max 1 page) outlining your interests and suitability for the position to **kollias.admin@fleming.gr** by **15/11/2024.**

*Merge all documents into a single pdf file and name it with your last name