



"ALEXANDER FLEMING"
Biomedical Sciences Research Center



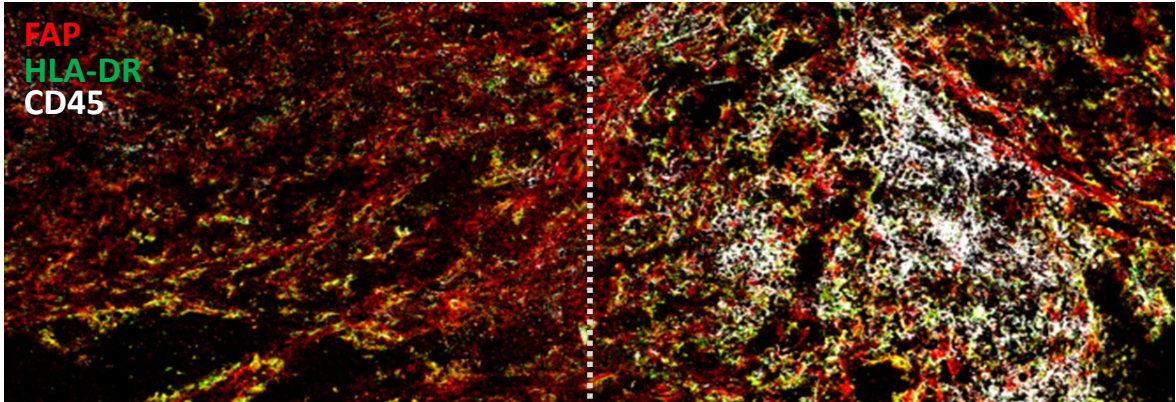
HELLENIC REPUBLIC
National and Kapodistrian
University of Athens
— EST. 1837 —



European
Research
Council

Immune Cold

Immune Hot



ERC-funded positions

Molecular Biologist

Computer Scientist

Tsoumakidou lab

BSRC Fleming | University of Athens

We are seeking a **molecular biologist with an interest in immunology** and a **computer scientist with an interest in spatial omics and image analysis** to join an interactive research team that operates across cancer immunology, molecular biology and animal modeling. The ideal candidates should possess at least a MSc degree in immunology vs computer programming. The successful biologist will be required to develop and deploy cancer models and utilize CRISPR gene-editing to elucidate the biology of cancer antigen-presenting immune and stromal cells. The successful computer scientist will implement and adapt spatial transcriptomics and multiplexed image analysis algorithms to decode cell organization in tumor tissues.

Experience in confocal imaging/FACS analysis vs single cell/spatial omics analysis would be highly valued. Maria Tsoumakidou received 2 million euro to implement her project artFibro, titled “**Artifying fibroblasts: Perturbation modelling in the lung tumor phase space to rewire fibroblasts for immunotherapy**” (2023-2028).

Expressions of interest should be sent to **Dr. Tsoumakidou** (tsoumakidou@fleming.gr) and should contain a cover letter outlining the candidate’s interests and areas of expertise (max 1 page long) and a CV including full publication list and contact information of two referees.

Deadline for expression of interest: 31/12/2024

For more information about the lab, please visit: tsoumakidou-lab

For information about the project, please visit: artFibro