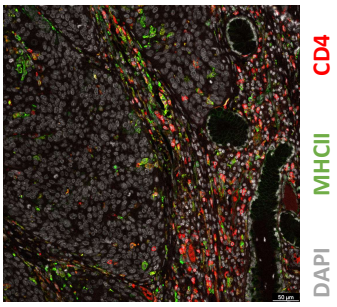
"ALEXANDER FLEMING"
Biomedical Sciences Research Center

## Call for Expressions of Interest

# PhD student – Tsoumakidou Lab | BSRC Fleming

The laboratory of Dr. Maria Tsoumakidou (Tsoumakidou Lab) at the Biomedical Sciences Research Center 'Alexander Fleming' (www.fleming.gr) has an open position for a PhD student. The lab focuses on cancer immunity and studies in parallel human and mouse systems, using laboratory and computational experimental approaches. Candidates must hold an MSc in biomedical sciences and have excellent command of the English language.




The successful applicant will be integrated in a multi-disciplinary research team of medical doctors, biologists, chemists and bioinformaticians, and will specifically work in a new subset of antigen presenting fibroblasts, recently discovered in the lab*. The main goal of her/his thesis will be to apply multi-omics and gene editing approaches to mouse models of lung cancer and ex vivo human systems to advance our understanding of the gene regulatory and functional programs of cancer antigen presenting fibroblasts.

Expressions of interest should be sent electronically to **tsoumakidou@fleming.gr**. Candidates should email a cover letter outlining their interests and areas of expertise (maximum 1 page long), together with detailed curriculum vitae, including contact information of two referees.

*Lung tumor MHCII immunity depends on in situ antigen presentation by fibroblasts. *J Exp Med* (2022) 219 (2): e20210815. Research highlights in Nat Immunol and Nat Rev Cancer.

**Deadline for expression of interest:** 30 November 2022

***BSRC Fleming*** *is a top-ranked Greek non-profit research organisation 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 Innovation (GSRI) of the Hellenic Ministry of Development and Investments. 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. BSRC Fleming has gained international recognition for its pioneering research towards understanding the molecular and cellular basis of human diseases, such as autoimmune disorders, cancer, neurodegenerative conditions, 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*

34 Al. Fleming Street, Vari 166 72, Greece; Phone: +30 210 9656310-11, Fax: +30 210 9653934
secretariat@fleming.gr - http://www.fleming.gr

*invested heavily on related infrastructures. The Center has achieved top performance indicators of academic and research excellence while practices transparent and fair processes for all personnel recruitment, including researchers ensuring equal treatment of all applicants based solely on scientific merit, academic qualifications and expertise in specific research areas as required*

34 Al. Fleming Street, Vari 166 72, Greece; Phone: +30 210 9656310-11, Fax: +30 210 9653934
secretariat@fleming.gr - http://www.fleming.gr