



"ALEXANDER FLEMING"  
Biomedical Sciences Research Center



# REACT

## RESPIRATORY HOSTPATHOGEN INTERACTION

### Horizon funded position Tsoumakidou lab | BSRC Fleming

We are seeking for a **motivated bioscientist** to join a highly interactive research team that operates across immunology, molecular biology, systems biology and lung – on - chip technology. The ideal candidate should possess at least an MSc degree in immunology or biological sciences. Experience in microfluid technology, flow cytometry and confocal imaging would be highly valued. Maria Tsoumakidou recently received an Widera – Horizon Europe grant to implement her REACT-HopOn, titled “**Delineating responses to respiratory viral infections through lung-on-chip modeling**”. The aim of the project is to understand the molecular interactions between respiratory viral infections and the human host. In order to establish this aim, an ex vivo platform will be used based on human lung tissue for a deeper mechanistic understanding of host-pathogen interaction, deep immunological characterization of emerging viral variants of concern and validation of therapeutic targets identified within the consortium

Expressions of interest should be sent electronically to **Dr. Tsoumakidou** ([tsoumakidou@fleming.gr](mailto:tsoumakidou@fleming.gr)) and should contain a cover letter outlining the candidate’s interests and areas of expertise (maximum 1 page long) and a CV with contact information of two referees.

**Deadline for expression of interest: 08/11/2024**

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For more information about the lab, please visit: [tsoumakidou-lab](https://tsoumakidou-lab.com)

For information about the REACT project, please visit: [REACT-HopOn](https://react-hopon.com)