

Magdalini Bletsa

Postdoctoral researcher

T +30 210-6478874

B m.bletsa@pasteur.gr

ORCID: 0000-0003-3184-6618

Vasilissis Sofias av. 127

11521 Athens, Greece

Magdalini Bletsa is involved in the experimental design of many projects, focusing on the development of lab-protocols and bioinformatic pipelines. Particularly, for more than 8 years she has been responsible for setting up sensitive screening protocols for viruses in animal specimens and archived human clinical samples. She is also designing and implementing WGS protocols on Illumina and MinION sequencing platforms, as well as developing bioinformatic pipelines to analyze NGS data for many different pathogens. Upon genomic reconstruction, she performs the epidemiological analysis of the data. In addition to that, she trains and guides lab technicians, as well as co-supervises undergraduate and graduate students. The last 2 years she has joined the Integrated Pathogens and Mobile Elements GECIP domain of Genomics England to design and implement a bioinformatic algorithm for the bulk analysis of 10,000 human genomes in search of novel HML2 integrations. At Hellenic Pasteur Institute she is working as part of the Hellenic Molecular Oncology Network (EDIMO) and is involved in the bioinformatic analyses of genomic data from oncological patients as well as in the identification of molecular oncology biomarkers in patients with neoplasms.