

Konstantinos obtained his BSc in Biology from the Kapodistrian University of Athens. He gained a postgraduate scholarship and joined the Laboratory of Theoretical Biology and Computational Genomics at NCSR Demokritos, where he conducted his doctoral research on strand-specific biases in mutation rates and selection pressure acting along bacterial chromosomes. He received his PhD in 2016 from the Department of Molecular Biology and Genetics, Democritus University of Thrace, and continued working as a postdoctoral researcher at NCSR Demokritos until 2018. As a postdoctoral fellow at Harokopio University, he studied genome wide associations (GWA) of genetic variants with phenotypic traits of dietary and clinical interest, such as obesity, non-alcoholic fatty liver disease (NAFLD) and osteoporosis, in the context of case-control and population surveys. His research activities also include preliminary assessment of clinical trials. During an internship in the Computational Genomics Group at BSRC «Fleming», he gained experience in the analysis of bulk RNA sequencing data. Konstantinos joined the Laboratory of Prof. George Kollias at BSRC «Fleming» in 2023, where he is currently working on the analysis of spatial transcriptomics, in studies aiming to further elucidate biological mechanisms underlying Inflammatory Bowel Disease (IBD) and Neuroinflammation.