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Dr. Spiros Papakostas is an Assistant Professor of Microbial and Molecular Ecology at the International Hellenic University and the head of the Molecular Ecology Laboratory at the University. His current activities involve understanding the molecular basis of adaptation in a wide range of organisms within their environments by combining genomic, epigenomic, transcriptomic, and proteomic data (systems biology). He is also pioneering research and approaches in metagenomics from environmental samples, as well as from the gut of organisms. He teaches several bioinformatics topics, including Data Science, Next Generation Sequencing, and Evolutionary and Population Genomics. He has pioneered the development of the M.Sc. Applied Bioinformatics program (<https://websites.auth.gr/appbio/>) in collaboration between the International Hellenic University and the Aristotle University of Thessaloniki. He has also been an invited lecturer in several other M.Sc. programs in Greece and abroad. His published research includes 40 peer-reviewed articles in high-profile journals in his field, such as Nature Communications, Ecology Letters, Systematic Biology, Molecular Ecology, and Molecular Ecology Resources, among others. He has also contributed book chapters on topics in Molecular Ecology and Evolutionary Genomics. Prior to his current position, he held tenured positions for a total of 13 years at the University of Turku (Finland), the University of Helsinki (Finland), and the Netherlands Institute of Ecology (The Netherlands).