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Dr. Marios Antonakakis is an Electronic and Computer Engineer, Technical University of Crete (2008-2012, 8.34/10), with a Master's degree from the same institution (2013 - 2015) in Biomedical Engineering. He obtained a PhD degree in Biomedical Engineering from the Technical University of Ilmenau, East Germany (2016 - 2021, 'magna cum laude'). His research interests are focused on signal and image processing and analysis, statistical modelling, graph theory, machine learning and neural networks for characterization and biomarker extraction, with applications in modern fields of industry, circular economy and especially in medicine in terms of developing disease decision systems, precise localization and non-invasive treatment. During his undergraduate studies, Dr. Antonakakis had received 4 scholarships of excellence (2 from the Technical University of Crete and 2 from the IKY), while during his PhD studies, he had received a fellowship from the European Marie Skłodowska-Curie action as an early-stage researcher within the European project ChildBrain (2015 - 2018) and one from the Onassis Foundation (2018 - 2020). Up to now, he has received 6 awards for best paper at international conferences (50YearsOfMEG-2018, Int. Conf. Complex Engineering-2019, ELEVIT-2021, BIBE-2021, Biomag-2022). He is corresponding author or participate in more than 60 scientific publications in international journals with high impact index (>5) and proceedings of international peer-reviewed conferences. He has participated in more than 10 research-scientific projects in Greece and Europe. He has co-organized several symposia-workshops in international scientific meetings and has been invited as a keynote speaker in international conferences. He serves as a guest editor in two special issues of international publication and impact, is a member-mentor of the Greek Chapter of Engineering in Medicine and Biology (IEEE-EMBC Greek Chapter) and is a reviewer of articles in more than 10 international high-impact journals (Nature Scientific Reports, J Neural Engineering, IEEE/ACM Transactions on Computational Biology and Bioinformatics, Journal of Biomedical and Health Informatics, etc.).