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Burcu Bakir-Gungor received her B.Sc. degree from Sabanci University; her M.Sc. degree in Bioinformatics from Georgia Institute of Technology; and her PhD degree from Georgia Institute of Technology/Sabanci University. She worked at the Bioinformatics Research Center, Medical College of Wisconsin, from 2007-2009. From 2009 to 2011, she worked at the Department of Computer Engineering, Bahcesehir University. She also worked as an Assistant Professor at the Department of Genetics and Bioinformatics at the same university. From 2012 to 2013, she was part of the Advanced Genomics and Bioinformatics Research Center, UEKAE, BILGEM, TUBITAK. Now, she works as an Assistant Professor at the Department of Computer Engineering at Abdullah Gul University. She is the recipient of "Best Paper" award at the 4th EvoBIO Conference. She acted as a member of the bioinformatics advisory board of the Turkish Genome Project. She is an Editorial Board member of PeerJ journal; she is the reviewer of several prestigious international journals including Bioinformatics, Frontiers in Genetics, Frontiers in Microbiology, PeerJ, Machine Learning, Journal of Computational Biology; and she is a Technical Program Committee member of SIU, UBMK and HIBIT conferences. In 2019, as part of the Bioinfo4Women - Outstanding Young Female Bioinformaticians Programme, she was invited to Barcelona Supercomputing Center for two weeks, and recently she was selected as an International Mentor as part of this program. Her research interests include bioinformatics, computational genomics, network and pathway oriented analysis of genome-wide association studies and next-generation sequencing datasets; applications of machine learning and data mining in bioinformatics.