



Dr. Sajjad Gharaghani is an Associate Professor of Bioinformatics at the Institute of Biochemistry and Biophysics, University of Tehran, Iran, where he leads the Laboratory of Bioinformatics and Drug Design (LBD). He received his Ph.D. in Chemoinformatics from Isfahan University of Technology in 2013. His research lies at the intersection of artificial intelligence, bioinformatics, chemoinformatics, computational drug discovery, and computer-aided drug design. His work focuses on drug–target interaction prediction, systems pharmacology, drug repurposing, and the application of machine learning and deep learning to drug discovery.

His recent research explores knowledge graph-based approaches for drug repurposing, the prediction of synergistic drug combinations, and generative artificial intelligence for molecular design, with an emphasis on integrating chemical, structural, and biological information to address complex challenges in therapeutic discovery. Through the development and application of computational methods, his research aims to improve the identification, prioritization, and optimization of potential drug candidates and to advance data-driven approaches to drug discovery and development.

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