
Ghazaleh Fahimian

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Educational Qualifications**MSc 2015 - 2018**

MSc in Biophysics, Tarbiat Modares University, Faculty of Biological Sciences, Department of Biophysics, Tehran, Iran.

- MSc thesis title: “*Prediction of drug repositioning via network methods*”
Supervisor: Dr. Javad Zahiri
Total GPA: 17.90/20

BSc 2011-2015

Bachelor of Science in Cellular and Molecular Biology, Islamic Azad University, Central Tehran Campus, Faculty of Science, Tehran, Iran.

- Total GPA: 16.75/20

Research Interests

- ❖ Drug repositioning
- ❖ Protein-protein interaction
- ❖ Structural bioinformatics

- ❖ biological network analysis
- ❖ Gene enrichment analysis

Skill Summary

- ❖ Machine Learning - Weka
- ❖ Python/ R/ familiar with Android Programming and Linux
- ❖ Docking Protein Ligand
- ❖ Sytoscape
- ❖ Gephi
- ❖ PCR
- ❖ Real Time
- ❖ MTT test
- ❖ Bioinformatics tools and Databases: NCBI, Uniprot, Drug Bank
BLAST, CTD, Intact, Daily med, YASARA, OMIM, Gendisnet,
weka, sytoscape, Gephi, David, repoDB, Sider, KEGG, Dssp, PDB
STRING

Language Proficiency

- ❖ Persian: Native
- ❖ English: Good

Conferences

G. Fahimian, J. Zahiri, S. Sh. Arab, R. Hasan sajedi, A Network-Based Drug Repositioning Approach, 7th National Conference of Iranian Bioinformatics, Tehran, Iran, January 2018

G. Fahimian, J. Zahiri, S. Sh. Arab, R. Hasan sajedi, Computational Drug Repositioning: A Review on Databases and Approaches, 7th National Conference of Iranian Bioinformatics, Tehran, Iran, January 2018

Awards

Special award for premier poster in, Symposium of systems, 7th National Conference of Iranian Bioinformatics, Tarbiat Modares University, Tehran, Iran, Jan. 2018.

References

Dr. Javad Zahiri Tarbiat Modares University zahiri@modares.ac.ir

Dr. Seyed Shahriar Arab Tarbiat Modares University sh.arab@modares.ac.ir