Zeynab mori

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A computational biologist Research Professional with +4 years of experience in numerical modelling who wants excel and achieve professional growth in the fields of education, specifically in biology and programming, while also pursuing a passion for sports. Proactive and self- motivated, with valuable problem solving and decision-making skills and the ability to implement change, capturing requirements, developing solutions and delivering outcomes. Well versed within working in fast paved environments. Both a team player and independent thinker with a creative and innovative approach to solving problems. A creative, scientific thinker, with a strong experimental and analytical background and teaching skills.

EDUCATION

2008-2012   **B.Sc. : chemical engineering**
Mahshahr-Iran   University: Islamic Azad University of Mahshahr

2015-2017   **M.Sc.: biotechnology**
Tabriz-Iran   University: Islamic Azad University of Tabriz>

2021   **PhD student: pharmaceutical biotechnology**
tabriz-Iran   University: Tabriz university of medical sciences

WORK EXPERIENCE

Jan 2018 – Dec 2019   Researcher in research & development complex Tabriz University of Medical sciences

Tabriz-Iran   **Research Fellow**

Missions or tasks realized:
Researcher in research & development complex Tabriz University of Medical sciences

LANGUAGES

English: IELTS score: n/a

SOFTWARE AND SOFT SKILLS including CPDs

Bioinformatics

- Experience in R (programming language) and using R packages
- Experience in windows and linux environments
- Experience in working with TCGA, GEO, SRA datasets, Array express dataset, protein databases
- System biology: RNA sequencing (bulk RNA-seq), Next-Generation Sequencing (NGS), Network analysis in biology, Meta-analysis of RNA-Seq, WGCNA (Weighted gene co-expression network analysis), primer design for pcr and real time pcr
- Skilled structural and molecular modeling (Autodock, chimera and …)

Laboratory

- Pcr (Real Time pcr, RT)
- Cell culture
- Gene cloning

PUBLICATIONS

Zeynab Mori and Navideh Anarjan, Preparation and characterization of nanoemulsion based β-carotene hydrogels, J Food Sci Technol. 2018 Dec; 55(12): 5014–5024.
Application of hydrogels in biological sciences (in Persian)

HONORS AND AWARDS
First place in the Aerobic Sports Olympiad
3rd place in the sports Olympiad in rope jumping

ACTIVITIES AND INTERESTS
Biologist, Sports (coach- player),