



Fatemeh Faryadras

Nationality: Iranian

LinkedIn: <https://www.linkedin.com/in/fatemeh-faryadras-402724218/>

WORK EXPERIENCE

SUPERVISOR: Dr. Bahman Akbari, PhD – Kermanshah University of Medical Sciences, Kermanshah, Iran

City: Kermanshah University of Medical Sciences, Kermanshah | Country: Iran | Website: <https://www.kums.ac.ir/en/home> | Email address: bahman.akbari@kums.ac.ir | Name of unit or department: Medical Biotechnology

University research assistant

[05/01/2023 – Current]

- Assisted Associate Professor Bahman Akbari in his research focusing on **expressing potential protein structures in bacterial systems** in the Medical Biotechnology lab at Kermanshah University of Medical Sciences (KUMS).
- Analyzed bioinformatics data and designed different protein structures by using various databases and bioinformatic applications.
- Gained expertise in advanced biotechnological techniques such as **PCR, Cloning, ELISA and Microbial Culturing**.
- Enhanced ongoing research projects by preparing samples, conducting experiments, and analyzing data.
- Participated in regular research meetings to discuss findings and contribute to the development of research strategies.



Website: [ScienceCodons.com](https://www.sciencecodons.com) | Email address: info@sciencecodons.com

Link <https://sciencecodons.com/author/fateme-faryadras/>

Scientific Author at ScienceCodons

[03/01/2023 – Current]

- Authored over **100** articles about various scientific topics including *molecular biology, genetics, and biotechnology* published on www.sciencecodons.com
- Conducted extensive research by checking the most recent and valid articles to guarantee the accuracy and reliability of the scientific information presented.
- Collaborated with a network of authors to exchange knowledge and discuss interdisciplinary articles.

Geniranlab – Geniran laboratory, Tehran, Iran

City: Geniran laboratory, Tehran | Country: Iran | Website: <https://www.geniranlab.ir/english-geniran/> | Email address: genirann@gmail.com

Translator and content creator

[01/08/2021 – 15/09/2024]

- Authored over **400** scientific articles in Persian published on www.geniranlab.ir, covering diverse topics related to *Biotechnological techniques, different types of Cancer and Rare Diseases* that increased website visits by **40%** annually.
- Carried out rigorous research and literature reviews to produce evidence-based content.
- Collaborated with fellow researchers, editors, and peer reviewers to ensure the accuracy and quality of published work.

EDUCATION AND TRAINING

BSc Biotechnology

Amol University of Special Modern Technologies [23/11/2019 – 28/02/2023]

City: Amol | Country: Iran | Website: <https://eng.ausmt.ac.ir/> | Final grade: Grade: A (18.55 out of 20)

- Studied the basics of **Molecular and Cellular Biology, Biochemistry, Microbiology, Genetics, Immunology, Tissue culture, Virology, Biophysics, and different fields of Biotechnology.**

Authored and presented a conference article entitled "[Microplastics in environment: Future threats to human health](#)" in the [third international conference on modern technologies in science](#) under supervision of Associate Professor Somayeh Rahaiee (S.rahaiee@ausmt.ac.ir).

- Certified documents on participating and learning different skills in workshops about tissue culture, Skills of working with laboratory animals, SPSS software, MEGA software and bioinformatic tools.

Internship in Pasteur Institute

Pasteur Institute of Iran [01/03/2022 – 06/2022]

City: Tehran | Country: Iran | Website: <https://en.pasteur.ac.ir/>

- Promoted various technical skills in **Cloning, PCR, HPLC, Western Blotting and Microbial Culturing** by assisting in a project focused on *expressing and purifying a pharmaceutical protein in E.coli* under the supervision of Associate Professor Yeganeh Talebkhan Garoosi

LANGUAGE SKILLS

Mother tongue(s): Persian

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Python Language - Basic knowledge / Linux (Linux Mint, Arch Linux, Ubuntu)

laboratory skills

DNA/RNA extraction and PCR / Gene Cloning and Expression / Cell Culture (cell freezing, cell thawing, cell passage and cell counting) / HPLC-MS/MS / ELISA (Enzyme Linked Immunosorbent Assay) / PCR and RT-qPCR / Microbial Culture Techniques / 2D-gel electrophoresis

bioinformatic skills

Bioinformatics Tools and Databases (UniProt, ProtParam, PDB, Clustal Omega, BLAST) / Knowledge bioinformatic software BIOEDIT, DNAsp, TSC, GENE BANK, STRUCTURE / DNA & Protein Sequence Analysis, BLAST, FASTA, Protein Visualization Tools, Ras Mol & Chimera / R Programming / NGS data analysis / Primer designing (GeneRunner, OLIGO7, NCBI Primer-BLAST) / ExPASy