MARJAN GOLABI

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EDUCATION

M.Sc. in Medical Immunology | Shahid Sadoughi University of Medical Sciences, Yazd, Iran
GPA: 18.28/20 (reported equivalent: 3.84/4.00)

B.Sc. in Cellular and Molecular Biology (Microbiology) | Islamic Azad University, Falavarjan Branch, Isfahan, Iran

PROFESSIONAL EXPERIENCE

Laboratory Technician | Core Research Facilities, School of Medicine, Isfahan University of Medical Sciences
May 2026 – Present

- Assist researchers with experimental procedures, troubleshooting, and day-to-day laboratory activities.
- Manage laboratory supplies and monitor inventory.
- Maintain an organized, efficient, and safe laboratory environment

Journal Reviewer | Advanced Biomedical Research

- Reviewed scientific manuscripts as part of the journal's peer-review process

Researcher | Isfahan University of Medical Sciences, Isfahan, Iran
September 2023 – Present

- Contribute to the design and planning of research projects.
- Prepare research proposals and scientific manuscripts.
- Coordinate the procurement of essential equipment and laboratory supplies.
- Collect biological samples and conduct research-related data collection.
- Perform statistical analyses and interpret research findings.
- Prepare monthly progress reports summarizing key findings for supervisors.

Medical Laboratory Technician / Supervisor | Clinical Diagnosis and Pathology Laboratories
Khorshid Hospital Clinical Diagnosis and Pathology Laboratory
Sajjad Clinical Diagnosis and Pathology Laboratory
Nazim Al-Atteba Clinical Diagnosis and Pathology Laboratory
Kasaei Clinical Diagnosis and Pathology Laboratory

- Collected and prepared biological samples for laboratory testing.
- Performed clinical laboratory tests across multiple diagnostic areas.
- Operated and maintained laboratory equipment.
- Implemented quality-control procedures to support accurate and reliable results.

TECHNICAL SKILLS

- Molecular biology: RNA and miRNA isolation, cDNA synthesis, real-time PCR (RT-qPCR).
- Immunology and cell biology: PBMC isolation, flow cytometry, ELISA, cell culture, MTT assay, immunofluorescence, Western blotting (familiar).
- Data analysis: Statistical analysis using SPSS and GraphPad Prism; R-based bioinformatics (familiar).
- Other: Animal models (familiar); laboratory quality control; teamwork; communication; detail-oriented.

EDUCATION AWARDS & HONORS

- Ranked first among graduates in the Department of Immunology, Shahid Sadoughi University of Medical Sciences.
- Awarded a full-tuition scholarship by Shahid Sadoughi University of Medical Sciences.

RESEARCH INTERESTS

- Immunology; cancer immunology; transplantation; epigenetics; targeted therapy.

BOOK TRANSLATION & PUBLICATIONS

1. Golabi M, Keshavarz A, Mardi A, Khashei Varnamkhasti K, Fathi F, Aghebati-Maleki L, Mohammadi MH. Prediction of transplant rejection using non-coding RNAs. Molecular Biology Reports. 2026;53(1):122. https://doi.org/10.1007/s11033-025-11201-y

2. Golabi M, Fathi F, Samadi M, et al. Identification of Potential Biomarkers in the Peripheral Blood Mononuclear Cells of Relapsing Remitting Multiple Sclerosis Patients. Inflammation. 2022;45:1815–1828. https://doi.org/10.1007/s10753-022-01662-9
3. Hesamian MS, Shaygannejad V, Golabi M, et al. The Role of Cobalamin on Interleukin 10, Osteopontin, and Related MicroRNAs in Multiple Sclerosis. Iranian Journal of Allergy, Asthma and Immunology. 2022;21(3):332. https://doi.org/10.18502/ijaai.v21i3.9806
4. Rayati Damavandi A, Zolfaghari Baghbadorani P, Kardideh B, Fouladseresht H, Golabi M, et al. The Association of Programmed Death 1 Gene Polymorphisms PD1.3 G/A and PD1.5 C/T with Risk of COVID-19 in an Iranian Population: A Case-Control Study. Viral Immunology. 2022. https://doi.org/10.1089/vim.2022.0030
5. Lotfi N, Yousefi Z, Golabi M, et al. The potential anti-apoptotic and anti-cancer effects of quercetin: An update. Frontiers in Immunology. 2023. https://doi.org/10.3389/fimmu.2023.1077531
6. Ebrahimi N, Yousefi Z, Khosravi G, Malayeri FE, Golabi M, et al. Human papillomavirus vaccination in low- and middle-income countries: Progression, barriers, and future perspectives. Frontiers in Immunology. 2023;14. https://doi.org/10.3389/fimmu.2023.1150238
7. Golabi M, et al. The Role of Cobalamin in Multiple Sclerosis: An Update. Inflammation. 2024:1–16. https://doi.org/10.1007/s10753-024-02075-6
8. Golabi M, Yousefi Z, Jafarinia M, Montazeri M, Bastan S, Ghezelbash B, et al. miRNAs as the important regulators of myasthenia gravis: Involvement of major cytokines and immune cells. Immunologic Research. 2023. https://doi.org/10.1007/s12026-022-09342-4
9. Jamali S, Jamali B, Golabi M, et al. Exploring the therapeutic potential of polyphenols in managing thalassemia: A comprehensive review. Avicenna Journal of Phytomedicine. 2025.
10. Ghezelbash B, Golabi M, Tavakol N, Mesgari A, Shamsfar R, Sami R, Eskandari N. Effects of Plasma Therapy on Laboratory Factors and Clinical Improvement of COVID-19 Patients. Acta Biochimica Iranica. 2024;2(1):36–44.
11. **Advanced Gene Transfer Methods.** Scientific book translation by Khashei Varnamkhasti K, Golabi M. and et al .2025

RESEARCH PROJECTS IN PROGRESS

- Investigating the effects of the diterpenoid 7,13-diacetyl-5-angeloyl-20-nicotinoyl-3-propionyl-premyrsinane (DANPP) on apoptosis induction in the BT-474 breast cancer cell line.
- Liver resection increases Th1-cell frequency and reduces regulatory T-cell (Treg) frequency in patients with hepatocellular carcinoma.

ADDITIONAL INFORMATION

- Languages: Persian (Farsi); English (B2).
- Interests: Dancing, meditation, and walking.

REFERENCES

Nahid Eskandari — Professor, Department of Immunology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran. Email: neskandari@med.mui.ac.ir

Hamed Fouladseresht — Assistant Professor, Department of Immunology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran. Email: fouladseresht@med.mui.ac.ir

Farshid Fathi — Postdoctoral Research Scientist, Department of Medicine, Columbia University, New York, USA. Email: ff2495@cumc.columbia.edu