CURRICULUM VITAE (C.V.)

Personal Information

Name (First/Last Name): Atefe Ghamar Talepoor

Date of Birth: 16.09.1990

Birth Place: Shiraz, Iran

Email Address:
atefetalepoor@yahoo.com, atefetalepoor@gmail.com, ghamartale@sums.ac.ir

Room#322

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Academic Education

Ph.D., Medical Immunology   2016- 2021

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran
Thesis: Investigation of senescence in peripheral blood Tfh cells in patients with atherosclerosis and the effect of a senolytic drug, Dasatinib, on the rejuvenation of these cells
Supervisor: Professor **Mehrnoosh Doroudchi**

Master of Science, Medical Immunology   2013-2016

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran
Thesis: Defining the effects of oxidative stress on the expression of microRNA10a, 33a, 21, 221 in monocytes before and after co-culture with endothelial cells
Supervisor: Professor **Mehrnoosh Doroudchi**

Bachelor of Laboratory sciences   2009-2013

Department of Laboratory Science, School of Paramedical sciences, Shiraz University of Medical Sciences, Shiraz, Iran

HONORS

First ranked among the Ph.D. student of immunology in 2016-2021
Second ranked among the master graduates of immunology in 2013-2016
Second ranked among the bachelor graduates of Laboratory Sciences in 2009-2013

Professional Experiences

Assistant professor
- Department of Immunology, Shiraz University of Medical Sciences, Faculty of Medicine, Shiraz, Iran, 2022
- Autoimmune Diseases Research Center, Shiraz University of Medical Sciences, Shiraz, Iran, 2023

Teaching Experiences

Immunology for Dental students   **2016-Present**

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran

Immunology for Medical students   **2017- Present**

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran

Immunology (undergraduate course)   **2018-Present**

School of nursing, Shiraz University of Medical Sciences, Shiraz, Iran

Immunology (undergraduate course)   **2019- Present**

School of nutrition sciences, Shiraz University of Medical Sciences, Shiraz, Iran

Immunology (undergraduate course)   **2019- Present**

School of midwifery, Shiraz University of Medical Sciences, Shiraz, Iran

Immunology (graduate course)   **2021-present**

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran

Immunity to Infectious Diseases (graduate course)   **2021-present**

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran

Cellular and Molecular Biology (graduate course)   **2021-present**

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran

Techniques in Immunology (graduate course)   **2021-present**

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran

Immunopathology (graduate course)   **2021-present**

Department of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran

Practical Experiences

- Primary Cell Culture, Tissue Culture
- Real-time PCR, PCR-RFLP
- Gel Electrophoresis, SDS-PAGE, Western Blotting
- Flow-cytometry, MACS, CFSE dilution test
- ELISA, Multiplex fluorescent assay, Agglutination, IFA, MTT assay
- PBMC isolation, DNA extraction, RNA Isolation
- Fluorescent Microscopy
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Computer Skills

- Various Internet Based Searches and Using Data Base
- Photoshop
- FlowJo, End Note, Graphpad prism, SPSS, BioRender
- Microsoft Office

PUBLICATIONS

1. **Ghamar Talepoor, A**., and Doroudchi, M. Regulatory RNAs in immunosenescence. Immunity, Inflammation and Disease, 2024.

2. Rastegari, B., **Ghamar Talepoor, A**., S., Khosropanah, Sh., and Doroudchi, M. In Vitro Targeted Delivery of Simvastatin and Niacin to Macrophages Using Mannan-Grafted Magnetite Nanoparticles. ACS Omega, 2023

3. Kalantar,K., **Ghamar Talepoor, A**., Eshkevar Vakili, M., Karami, N., Kalani, M., Ghandehari, F., Kabalitz, D., Meri, S., Moattari, A. Th-1, Th-2, Th-9, Th-17, Th-22 type cytokine concentrations of critical COVID-19 patients after treatment with Remdesivir. ImmunoBiology, 2023.

4. Nasrollahi, H., **Ghamar Talepoor, A.**, Saleh, Z., Eshkevar Vakili, M., Heydarinezhad, P., Karami, N., Noroozi, M., Meri, S., Kalantar, K. Immune responses in mildly versus critically ill COVID-19 patients. Frontiers in Immunology 2023.

5. Fazeli, P., **Ghamar Talepoor, A.**, Faghih, Z., Gholijani, N., Ataollahi, MR., Hassanzadeh, MA., Moravej, H., Kalantar, K. The frequency of CD4+ and CD8+ circulating T stem cell memory in type 1 diabetes. Immunity, Inflammation and Disease 2022; 10:e715.

6. Anvari, E., **Ghamar Talepoor, A.**, Eshkevar Vakili, M., Karami, N., Ataollahi, MR., Najafi, G., Kabalitz, D., Ahmadi, I., Kalantar, K. Comparison of Antibody Responses Following Vaccination with AstraZeneca and Sinopharm. Iranian Journal of Immunology 2022; 19(3):321-329.

7. **Ghamar Talepoor, A**., and Doroudchi, M. Immunosenescence in atherosclerosis: a role for chronic viral infections. Frontiers in Immunology 2022; 13:945016.

8. **Ghamar Talepoor, A**., Pordel, S., Khosropanah, Sh., and Doroudchi, M. IL17F rs763780 polymorphism is associated with unhealthy BMI and diabetes mellitus in patients with acute myocardial infarction. Human Gene 2022; 34: 201089.

9. Fouladseresht, H., **Ghamar Talepoor, A.**, Eskandari, N., Norouzian, M., Ghezelbash, B., Beyranvand, MR., Nejadghaderi, A., Carson-Chahhoud, K., Kolahi, AA., and Safiri, S. Potential Immune Indicators for Predicting the Prognosis of COVID-19 and Trauma: Similarities and Disparities. Frontiers in immunology 2021; 12: 785946.

10. **Ghamar Talepoor, A**., Rastegari, B., Kalani, M., and Doroudchi, M. Decrease in the inflammatory cytokines of LPS-stimulated PBMCs of patients with atherosclerosis by a TLR-4 antagonist in the co-culture with HUVECs. Int. Immunopharmacol 2021; 101:108295.

11. **Ghamar Talepoor, A**., Khosropanah, S., and Doroudchi, M. Partial recovery of senescence in circulating follicular helper T cells after Dasatinib treatment. Int. Immunopharmacol 2021; 94: 107465.

12. **Ghamar Talepoor, A**., Khosropanah, S., and Doroudchi, M. Frequency of Efficient Circulating Follicular Helper T Cells Correlates with Dyslipidemia and WBC Count in Atherosclerosis. IBJ 2021March; 25 (2): 117-131.

13. **Ghamar Talepoor, A**., Khosropanah, S., and Doroudchi, M. Functional subsets of circulating follicular helper T cells in patients with atherosclerosis. Physiol. Reports 2020;8:e14637.

14. **Ghamar Talepoor, A**., Fouladseresht, H., Khosropanah, S., and Doroudchi, M. Immune-Inflammation in Atherosclerosis: A New Twist in the Old Tale. EMIDDT 2020; 20: 1-21.

15. **Ghamar Talepoor, A**., Dowlatshahi, E., and Doroudchi, M. Correlation of CCL18 with Levels of Adipokines in the Sera of Patients with Myocardial Infarction in a 6-Month Period: Case Series. Iran South Med J 2020; 23(3): 222-235.

16. Fouladseresht, H., **Ghamar Talepoor, A**., Farjadian, S., Khosropanah, S., and Doroudchi, M. Anti-Varicella Zoster Virus IgG and hsCRP Levels

Correlate with Progression of Coronary Artery Atherosclerosis. IJAA, 2019 October; 18(5):540-550.

17. **Ghamar Talepoor, A**., Behnamfar, N., Zibaeenezhad, M.J., Doroudchi, M. IL-17 producing CD4+CD45RO+ T-cells in atherosclerosis express GITR molecule. Artery Research 2018; 21: 20-28.

18. **Ghamar Talepoor, A.**, Kalani, M., Samsami Dahaghani, A., Doroudchi, M. Hydrogen Peroxide and Lipopolysaccharide Differentially Affect the Expression of MicroRNAs 10a, 33a, 21, 221 in Endothelial Cells Before and After Coculture With With Monocytes. Int J Toxicol 2017; 36 (2), 133-141.

19. Kalani, M., Hodjati, H., **Ghamar Talepoor, A**., Samsami Dehaghani, A., Doroudchi, M. CagA-positive and CagA-negative Helicobacter pylori strains differentially affect the expression of micro RNAs 21, 92a, 155 and 663 in human umbilical vein endothelial cells. Cell Mol Biol (Noisy-le-grand) 2017 Jan 30; 63(1):34-40.

Journal Review Activities:

Iranian Journal of Immunology (IJI)
Iranian Journal of Allergy, Asthma and Immunology (IJAAI)
Journal of Clinical Laboratory analysis (JCLA)
Frontiers in Immunology Journal
Frontiers in Ageing Journal
Frontiers in Endocrinology Journal