

## PERSONAL INFORMATION

## Nazila Ariaee

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 Skype ID Nazila Ariaee

Sex Female | Date of birth 3 March 1983 | Nationality IRAN

## WORK EXPERIENCE

From July 2020 till now

Co editor in chief in Report of Biochemistry and Molecular Biology, a Pub-Med journal

From Nov 2014 to Dec 2018

Associate editor in "Report of Biochemistry and Molecular Biology". Reading the submission, assigning reviewers, evaluating the reviews, and making recommendations for rejection or acceptance were part of my responsibilities. I had a pivotal role in improving the quality, and indexing the journal in Scopus, ESI, and Pub-Med.

From Oct 2013 to Oct 2014

Journal Assistant in "Future of Medical Education Journal" and "Asian Pacific Journal of Medical Toxicology"

From Oct 2011 to Oct 2013

Research Assistant. Inflammation and inflammatory diseases Research Centre, Medical School, Mashhad University of Medical Science, Mashhad, Iran.

- Worked in different projects on HLV1 virus and HIV
- Became familiar with immunology of inflammatory diseases including HAM/TSP, Arthritis rheumatoid, and Systemic lupus erythematosus

From Nov 2008 to Oct 2011

Research Assistant. Microbiology and Virology Research Centre, Avicenna Research Institute, Mashhad University of Medical Science, Mashhad, Iran.  
 Worked in different projects on Tuberculosis and Legionella.

## EDUCATION AND TRAINING

From Sep 2021 till Now

Postdoctoral researcher, designing FC subunit vaccine for Tuberculosis and HTLV1,  
 Supervisor: Abdolrahim Rezaee

From Sep 2014 to June 2020

PhD degree of Medical Immunology in Mashhad University of Medical Sciences, Mashhad, Iran.  
 Allergy Research Centre, Mashhad University of Medical Sciences, Iran  
 Thesis: Design skin pick test for some local common allergens. Supervisor: Farahzad Jabbari

From Sep 2005 to Jan 2008

MSc of Biology in Department of Biology, University of Mohaghegh Ardebili, Iran  
 Thesis: Study effect of Collagen Type 1 on Neural Progenitors Cells. Supervisor: Fatemeh Vahedi

From Sep 2000 to Sep 2004

BSc in Biology from Department of Biology, Azad University of Mashhad, Iran

## PERSONAL SKILLS

Mother tongue(s)	Persian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Deutsch & Arabic	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

**Communication skills** Good communication skills gained through my experiences as a research assistant and working with master/PhD students and principal investigators.  
 Cooperating with Addiction research centre (Mashhad University of Medical Sciences)  
 Collaboration with research deputy of Mashhad University of Medical Sciences.

**Organisational / managerial skills** Good experience of managing gained while be a member of executive committee in the

- third International Congress of Immunology, Asthma and Allergy & the first symposium of food and drug allergy in Iran (3-6 May 2016).
- second congress on applied biology (international approach) in Iran (20 Sep 2004),
- first international congress on HTLV-I and Associated diseases in Iran (18-20 Feb 2010).
- forth seminar of sterilization and disinfection (15-16 Sep 2010)
- first international congress of Alcohol abuse in Iran (21-23 May 2014)

Good managing skills in Holding and running workshops on

- theoretical and practical of PCR (2011)
- methods of diagnosing genitourinary tract infectious diseases (2010)
- methods of diagnosing gastrointestinal infectious diseases (2010)

Head of editors for abstract book of third International Congress of Immunology, Asthma and Allergy

**Job-related skills** Good command of research laboratory quality control processes, lecture and presentation, RNA and DNA extraction, gel electrophoresis, protein extraction, SDS-PAGE, western blotting, dot blotting, chromatography, primer and probe design, PCR, Real-time PCR, cell culture, MTT assay, fungi culture techniques, basic of flowcytometry, ELISA, data analysis with Graph-pad prism.

Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user [Digital competences - Self-assessment grid](#)

Good command of office suite (word, PowerPoint, excel, access, outlook, internet), other computer basics. ICDL certificate, 2014. Technical and Vocational Training Organization, Mashhad, Iran  
 Website: <http://www.irantvto.ir/>

**Other skills**

- Modelling (from 2010)
- Persian Calligraphy (from 2001)

**Driving licence** B

## ADDITIONAL INFORMATION

**Workshops and Certificates**

Discover Golden Ideas to Start Your Own Business (Jan 2020)  
 Step by step wealth creation from ideas in the business environments of these days (Dec 2019)  
 Miracles in Implementing Ideas and Innovation in Model Business Design (Nov 2019)  
 Isolation and Culture of Cancer Stem Cells (Feb 2019)  
 Chemical Safety Program (July 2018)  
 Biological Safety Program (July 2018)  
 Principals of intellectual property and Patent (Nov 2014)

**Scholar visiting researcher**

Department of immunology, University of Manitoba, Canada (6 June 2018 till 6 December 2018)  
 By financial support of Mashhad University of Medical Sciences.  
 Supervisor: Prof Abdelilah Soussi Gounni, PhD in Immunology.

**Patent**

Stabilizer for mould allergenic extract to design related skin prick tests

**Publications**

1. Abbasnia S, Hajimiri S, Jafari Rad M, **Ariaee N**, Mosavat A, Hashem Asnaashari AM, Derakhshan M, Amel Jamehdar S, Ghazvini K, Mohammadi FS, Rezaee SA. Gene Expression Study of Host and *Mycobacterium tuberculosis* Interactions in the Manifestation of Acute Tuberculosis. *Applied Biochemistry and Biotechnology*. 2023 Jan 18:1-2.
2. **Ariaee N**, Yadegari Y, Shabestari M, Asili J, Panahi M, Ghorbani J, Jabbari F. Interleukin-4 can play a role in allergic rhinitis patient during treatment with *Zataria multiflora*. *Clinical and Molecular Allergy*. 2022 Dec;20(1):1-6.
3. **Ariaee N**, Panahi M, Bakhshaei M, Ghorbani J, Ravanshad Y, Hosseini R et al. Shirazi thyme (*Zataria multiflora*) extract can alleviate allergic rhinitis: a randomized clinical trial. *Advances in Dermatology and Allergology/Postępy Dermatologii i Alergologii*. 2021;38(3):520-525. doi:10.5114/ada.2020.102295.
4. Abbasnia S, Hassannia T, **Ariaee N**, Sabet F, Razavi Pashabayg K, Keyvani H, Sarv-Ghad M, Ziaemehr A, Fakor F, Valizadeh N. Immunovirological Assessment of HIV-Infected Patients and Phylogenetic Analysis of the Virus in Northeast of Iran. *Jundishapur Journal of Microbiology*. 2021 Mar 31;14(3).
5. Amirabadi A, Alami A, Ahanchian H, **Ariaee N**, Moazzen N. Epidermal growth factor receptor inhibitor in advanced basal cell carcinoma. *Clinical Case Reports*. 2021.
6. Moazzen N, Jabbari F, Norooziasl S, **Ariaee N**, Amirabadi A. Kimura Disease: Report of a Rare Case. *Middle East Journal of Cancer*. 2021 Mar 13.
7. Sahebari M, Salimi J, Shalchian Tabrizi P, Khodabandeh M, **Ariaee N**, Salari M. Skin reaction to capsaicin in patients with Systemic Lupus Erythematosus compared to that in healthy controls. *Caspian Journal of Internal Medicine*. 2021 Mar 10;12(2):4-0.
8. Navashenaq JG, Shabgah AG, Hedayati-Moghadam M, **Ariaee N**, Mohammadi H, Hemmatzadeh M, Azhdari S, Jamialahmadi T, Sathyapalan T, Sahebkar A. The role of myeloid-derived suppressor cells in rheumatoid arthritis: An update. *Life Sciences*. 2021 Jan 20:119083.
9. Asadian S, Moallem SA, Moshiri M, Mansouri M, **Ariaee N**, Ghadiri A, Shahbazi N, Etemad L. Evacuation the Effect of Single-and Multi-dose Administration of Ethanolic Extract of *Pinus eldarica* Pollen Against Acetaminophen-induced Rat Liver Injury. *International Journal of Basic Science in Medicine*. 2020 Dec 30;5(4):160-5.
10. **Ariaee N**, Panahi M, Bakhshaei M, Ghorbani J, Ravanshad Y, Farid Hosseini R, Ranjbar A, Jabbari F. Effect of Shirazi Thyme (*Zataria multiflora*) Extract Can Alleviate Allergic Rhinitis; A Randomized Clinical Trial. Accepted in *Advances in Dermatology and Allergology*
11. **Ariaee N**, Sankian M, Varasteh A, Moghadam M, Jabbari F. Introducing a Stabilizer Formulation for Allergenic Mold Extracts. *Reports of Biochemistry and Molecular Biology*.:106-14.
12. **Ariaee N**, Sankian M, Varasteh A, Hosseinpour M, Jabbari F. Determining the Effect of Amino Acids on the Allergenic Activity of Pollen Extracts. *Reports of Biochemistry & Molecular Biology*. 2020 Jan;8(4):394.

13. **Ariaee N**, Varasteh A, Jabbari Azad F, Sankian M. Preparation allergenic pollen extracts; the points should be considered to make high-quality products. *Journal of Immunoassay and Immunochemistry*. 2019 Jan 2;40(1):26-39.
14. Hosseini P, Khoshkhui M, Hosseini RF, Ahanchian H, Ravanshad Y, Layegh P, Bakhshoudeh B, **Ariaee N**. Investigation of the relationship between atopy and psoriasis. *Advances in Dermatology and Allergology/Postępy Dermatologii i Alergologii*. 2019 Jun;36(3):276.
15. **Ariaee N**, Ghorbani J, Panahi M, Mohamadi M, Asili J, Ranjbar A, Hoseini RF, Jabbari F. Oral administration of Zataria multiflora extract decreases IL-17 expression in perennial allergic rhinitis. *Reports of Biochemistry & Molecular Biology*. 2018 Apr;6(2):203.
16. Khoshkhui M, Alyasin S, Sarvestani EK, Amin R, **Ariaee N**. Evaluation of serum interleukin-35 level in children with persistent asthma. *Asian Pac J Allergy Immunol*. 2017 Jun 1;35:91-5.
17. **Ariaee N**, Zarei S, Mohamadi M, Jabbari F. Amelioration of patients with chronic spontaneous urticaria in treatment with vitamin D supplement. *Clinical and Molecular Allergy*. 2017 Dec 1;15(1):22.
18. Oskouei YM, Hosseini RF, Ahanchian H, Jarahi L, **Ariaee N**, Azad FJ. Report of common aeroallergens among allergic patients in northeastern Iran. *Iranian journal of otorhinolaryngology*. 2017 Mar;29(91):89.
19. **Ariaee N**, Farid R, Shabestari F, Shabestari M, Azad FJ. Trace elements status in sera of patients with allergic asthma. *Reports of biochemistry & molecular biology*. 2016 Oct;5(1):20.
20. **Ariaee N**, Vahedi Z, Vahedi F. Inhibitory effects of cinnamon-water extract on human tumor cell lines. *Asian Pacific Journal of Tropical Disease*. 2014 Sep 1;4:S975-8.
21. Movahhed T, Ajami B, Dehghani M, Kiamanesh E, Ghazvini K, **Ariaee N**. Effectiveness of Bench Top Non-Vacuum Autoclaves on Dental Turbine Chamber Sterilization. *Journal of Dental Materials and Techniques*. 2013 Sep 1;2(3):73-6.
22. Najafi MF, Zahri S, Vahedi F, Toosi LE, **Ariaee N**\*. Which form of collagen is suitable for nerve cell culture? *Neural regeneration research*. 2013 Aug 15;8(23):2165.
23. Dadpour B, Aminin Sh, **Ariaee n**, et al. Educational needs of nurses in intensive care unit for poisoned patients. *Journal of Patient Safety & Quality Improvement*. 2013;1(1):19-22.
24. Ghassemi Toussi A, Mazinani R, **Ariaee N**\*. Death of Pregnant Woman with Pemphigus Vulgaris Disease due to Strongyloides Stercoralis Infection: A Case Report. *The Iranian Journal of Obstetrics, Gynecology and Infertility*. 2013;16(80):17-9.
25. Ajami B, Ghazvini K, Movahhed T, **Ariaee N**, Shakeri MT, Makarem S. Contamination of a dental unit water line system by legionella pneumophila in the mashhad school of dentistry in 2009. *Iranian Red Crescent Medical Journal*. 2012 Jun;14(6):376.

#### Abstract and presentation

1. Poster E. Mohammad Mohammadi, Nazila Ariaee Nasab, Houshang Rafatpanah, Kiarash Ghazvini, Abdolrahim Rezaee Department of Medical Biotechnology, School of Advanced Medical Technologis, Tehran University of Medical Sciences, Tehran, Islamic Republic of Iran.
2. Poster E, Mohammadi A, Nasab NA, Rafatpanah H, Ghazvini K, Rezaee A. The results of different combination of blockers and working buffers at different pH, indicate the influence of protein composition and pH of buffer on antibody and antigen interaction.
3. Ariaee N, Ghassemi Toussi A. Psychological Effects of Alcohol Abuse. *Asia Pacific Journal of Medical Toxicology*. 2014 May 1;3(Supplement 1):18-.
4. Hoseini RF, Azad FJ, Ariaee N, Oskouei YM. Report of the most Prevalent Allergenic pol-lens in Patients with Allergic Rhinitis accord-ing to Skin Prick Test Results in Mashhad.
5. Taghiabadi M, Nazila A, Houshang RP, Rahim RS. Construction and production of Ag85B: hFcy1 recombinant protein for designing vaccine and new diagnostic methods for tuberculosis. *Clinical Biochemistry*. 2011;13(44):S30-1.
6. Mohammadi M, Nasab NA, Rafatpanah H, Ghazvini K, Rezaee A. Construction and production of ESAT6: Fcy1 chimeric protein for designation of new way of prophylaxis and diagnosis in tuberculosis. *Clinical Biochemistry*. 2011;13(44):S98.
7. Dadpour B, Vaziri SM, Malekzadeh H, Khosrojerdi H, Ghorbani H, Ariaee N. The Composition of Alcohol Samples in Mashhad and Suburbs Based On Records of Forensic Medicine Organization. *Asia Pacific Journal of Medical Toxicology*. 2014 May 1;3(Supplement 1):18.

**Memberships**

1. Member of Allergy Research centre, Mashhad University of Medical Sciences, Iran since 2017
2. Member of Iranian Society of Immunology and Allergy since 2015

**REFERENCES****Abdolrahim Rezaee**

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