CURRICULUM VITAE



Mohammad Zare-Bidaki

PERSONAL INFORMATION

First Name: Mohammad
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Sex: Male
Place of Birth: Anar, Rafsanjan, Kerman province, Iran
Date of Birth: 25 December 1964
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ACADEMIC PROFILE

- **Academic Degree:** Associate Professor
- **University:** Rafsanjan University of Medical Sciences (http://www.rums.ac.ir)
- **Research Center:** Immunology of Infectious Diseases Research Center (IIDRC), Research Institute of Basic Medical Sciences (RIBMS), Rafsanjan University of Medical Sciences, Rafsanjan, Iran
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- **ResearchGate Profile:** https://www.researchgate.net/profile/Mohammmad_Zare-Bidaki
- **Scopus Profile:** http://www.scopus.com/authid/detail.url?authorId=57194776503
- **Google Scholar Profile:** https://scholar.google.com/citations?user=XaRK56UAAAAJ&hl=en
- **PubMed Articles:** https://www.ncbi.nlm.nih.gov/pubmed/?term="Zare-Bidaki M"[author]
- **ISID Profile:** http://isid.research.ac.ir/Mohammad_Zarebidaki
- **RPIS Profile (research projects):** https://rpis.research.ac.ir/Researcher.php?id=3027427

EDUCATIONS

- **High school diploma:** 1979-1983, Natural Sciences, Anar, Kerman province, Iran

- **BSc in Public Health:** 1989-1992, Kerman University of Medical Sciences, Kerman, Iran
- **MSc of Medical Parasitology**: 1993-1996, Tarbiat Modares University, Tehran, Iran
    - **Thesis: "**Biochemical and Hematological Alterations in Vivax Malaria in Kahnouj City"; *supervised by Dr AH Dalimi AsL*
- **PhD of Medical Parasitology:** 2004- 2009, Tehran University of Medical Sciences, Tehran, Iran
    - **Thesis: "**A study on the prevalence rate of Echinococcus multilocularis infection in definitive hosts in Moghan plain using two methods of Copro-PCR and CA-ELISA"; *supervised by Dr Iraj Mobedi and Dr Mohammadreza Siavashi*

SKILLS

- **Computer Sciences**: Microsoft Office, HTML, ICDL
- **Research Knowledge**: Endnote, SPSS, Medical Informatics, Search Skills
- **Laboratory Techniques**: PCR, ELISA, Parasitological diagnostic techniques

PROFESSIONAL MEMBERSHIPS

- 1999-Present: Member of "Iranian Society of Parasitology"
- 2004-Present: Member of "Iranian Society of Microbiology"
- 2005-Present: Member of "Islamic Republic of Iran Medical Council"; (IRIMC Number: 2453)
- 20112-Present: member of "Iranian Scientific Association of Clinical Laboratory"
- 2012-present: member of "World Federation of Parasitlogists"
- 2009-2014: member of Research Council of Rafsanjan University of Medical Sciences, Rafsanjan, Iran

ADMINISTERATIVE EXPERIENCES

1. 2009-2014: Research Deputy, School of Medicine, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
2. 2014-2025: Head of "Immunology of Infectious Diseases Research Center", Research Institute of Basic Medical Sciences, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
3. 2017-2023: Director of Research Development & Evaluation, Vice Chancellery for Research and Technology, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
4. 2025-present: Head of Research Institute of Basic Medical Sciences, Rafsanjan University of Medical Sciences, Rafsanjan, Iran

TEACHING EXPERIENCES

1. Medical Protozoology, 1997 to date, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
2. Medical Helminthology, 1997 to date, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
3. Medical Entomology, 1997 to 2015, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
4. Medical Informatics, 2014 to date, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
5. Medical Research Ethics, 2014 to date, Rafsanjan University of Medical Sciences, Rafsanjan, Iran

WORKSHOPS AND TRAINING COURSES

1. Elementary research methods, 1999, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
2. Advanced research Methods, 2000, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
3. Educational strategies and teaching techniques, 2004, Tehran University of Medical Sciences, Tehran, Iran
4. Scientific Writing, 2004, Tehran University of Medical Sciences, Tehran, Iran
5. How to review articles, 2009, Rafsanjan University of Medical Sciences, Rafsanjan, Iran

6. Theoretical and clinical evaluation of Students, 2009, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
7. Nanotechnology workshop, 2009, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
8. Endnote Workshop, 2010, Shiraz University of Medical Sciences, Shiraz, Iran
9. Efficient Research methods, 2010, Shiraz University of Medical Sciences, Shiraz, Iran
10. Practical laboratory diagnostic methods for visceral and cutaneous Leishmaniasis, 2010, Tehran University of Medical Sciences, Tehran, Iran
11. Electronic resources (Ovid & EBSCO), 2010, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
12. SPSS Workshop, 2011, Rafsanjan University of Medical Sciences, Rafsanjan, Iran
13. DNA vaccines, 2012, Kerman University of Medical Sciences, Kerman, Iran
14. GIS applications in parasitic diseases, 2012, Kerman University of Medical Sciences, Kerman, Iran
15. Summer School of ethics in biomedical research, 2017, National Research Ethics Committee, Shiraz, Iran
16. "Pre-clinical studies in the drug production cycle: opportunities and challenges", July 4, 2018, Rafsanjan University of Medical Sciences, Rafsanjan, Iran.
17. "Special workshop for educating the lecturers of knowledge translation and transfer", December 13, 2018, Ministry of Health, Vice-chancellery for research and technology, Tehran, Iran.
18. "Ethics in publication of research works", January 17, 2019, National Research Ethics Committee & Bam University of Medical Sciences, Bam, Iran.
19. "Ethical principles for using laboratory animals", January 23-24, 2019, National Research Ethics Committee & Kerman University of Medical Sciences, Kerman. Iran.
20. "Ethics in Clinical Trial", January 31, 2019, National Research Ethics Committee & Jiroft University of Medical Sciences, Jiroft, Iran.
21. "How to read a systematic review", March 9-10, 2019, held by National Institute for Medical Research Development (NIMAD) & Cochrane Iran, hosted by Rafsanjan University of Medical Sciences, Rafsanjan. Iran.
22. "Necessities and Priorities of Internationalozation", December 8, 2019, held by "National Secretariat of WHO Collaboratiing Centers" & "Kerman University of Medical Sciences", Rafsanjan, Iran.
23. "Professional Ethics, level 4", February 6-8, 2021 (16 hours), held by Rafsanjan University of Medical Sciences, Rafsanjan, Iran.

REFEREE

1. Journal of Rafsanjan University of Medical Sciences
2. Iranian Journal of Basic Medical Sciences
3. Jundishapur Journal of Microbiology
4. Iranian Journal of Parasitology
5. Pistachio and Health Journal
6. BMC Infectious Diseases
7. Biomedicines
8. Iranian Journal of Medical Sciences

MEETINGS AND CONGRESSES

1. Congress of Blood and Related Diseases, 1996, Pasteur Institute of Iran, Tehran, Iran, Oral: "Biochemical and Hematological Alterations in Vivax Malaria in Kahnouj City"
2. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases in Iran (NICOPA 7), 2010, Imam Khomeini Hospital, Tehran University of Medical Sciences, Tehran, Iran, Oral: "Prevalence of Echinococcus spp. Infection Using Coproantigen ELISA among Canids of Moghan Plain, Iran"
3. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases in Iran (NICOPA 7), 2010, Imam Khomeini Hospital, Conferences Hall, Tehran University of Medical Sciences, Tehran, Iran, Poster: "Prevalence of Zoonotic Intestinal Helminths of Canids in Moghan Plain, Northwestern Iran"
4. 1st International and 8th National Congress of Parasitology in Iran (NICOPA 8), 2012, Kerman University of Medical Sciences, Kerman Iran, Poster: "Differential Detection of Echinococcus Spp. Copro-DNA by Nested-PCR

in Domestic and Wild Definitive Hosts in Moghan Plain, Iran"

5. 1st International and 8th National Congress of Parasitology in Iran (NICOPA 8), 2012, Kerman University of Medical Sciences, Kerman Iran, Poster: "Usefulness of the quiz-based case reports for medical parasitology learning"

PUBLISHED ARTICLES

1- Bahramabadi, R., Hakimi, H., Zare-Bidaki, M. et al. Survey on the antibacterial effects of tracheal tubes coated with silver nanoparticles. 3 Biotech 16, 100 (2026). https://doi.org/10.1007/s13205-026-04710-5

2. Azarm A, Ayoobi F, Zare-Bidaki M, Taheri M, Zarandi ER. Antibacterial and antibiofilm activities of tribulus terrestris methanolic extract against Streptococcus mutans, Streptococcus sobrinus, and Lactobacillus acidophilus: An in vitro study. Dental Research Journal. 2024;21(1):57.

3. Bahramabadi R, Hakimi H, Saljooqi A, Barani M, Razmjoue D, Zare-Bidaki M, Mohamadi M. The essential oil of rocket seeds maintains its antibacterial effects after encapsulation in nanoliposomes. Journal of Herbal Medicine. 2024;47:100924.

4. Kazemi Arababadi M, Abdollahi SH, Ramezani M, Zare-Bidaki M. A Review of Immunological and Neuropsychobehavioral Effects of Latent Toxoplasmosis on Humans. Parasite Immunology. 2024;46(7):e13060.

5. Zarandi ER, Hakimi H, Bahramabadi R, Zare-Bidaki M, Ramezani M, Shojaei A, et al. Frequency of Extended-Spectrum Beta-Lactamases-Producing Escherichia coli Among Out-and In-patients in Rafsanjan City, Iran. Jundishapur Journal of Microbiology. 2023;16(3).

6. Vakilian A, Ahmadi AM, Heidari M, Jalali N, Nazer M, Bidaki MZ, Hashemi SM, Mirabzadeh M, Rezaei A, Amirteimoury M, Najmaddini P. Vitamin B12 Administration Facilitates The Antipsychotic And Pain-Relieving Effects Of Quetiapine, In The Alzheimer Patients With Psychotic Symptoms. J Ayub Med Coll Abbottabad. 2021 Oct-Dec;33(Suppl 1)(4):S744-S751. PMID: 35077620.

7. Jebali A, Noroozi Karimabad M, Ahmadi Z, Khorramdel H, Kaeidi A, Mirzaei M, Zare-Bidaki M, Ahmadinia H, Vakilian A, Darekordi A, Hassanshahi G. Attenuation of inflammatory response in the EAE model by PEGlated nanoliposome of pistachio oils. J Neuroimmunol. 2020 Oct 15;347:577352. doi: 10.1016/j.jneuroim.2020.577352. Epub 2020 Jul 30. PMID: 32781342.

8. Ramezani M, Zainodini N, Hakimi H, Rezazadeh Zarandi E, Bagheri V, et al. Cell-Free Culture Supernatants of Lactobacilli Modify the Expression of Virulence Factors Genes in Staphylococcus aureus, Jundishapur J Microbiol. 2019 ; 12(12):e96806. doi: 10.5812/jjm.96806.

9. Mohammadi Shahrokhi V, Ravari A, Mirzaei T, Zare-Bidaki M, Asadikaram G, Arababadi MK. IL-17A and IL-23: plausible risk factors to induce age-associated inflammation in Alzheimer's disease. Immunological investigations. 2018:1-11.

10. Rafiei R, Zare-Bidaki M, Bakhtar M, Rezaeian M. Evaluation of Critical Thinking Disposition in Faculty Members of Rafsanjan University of Medical Sciences in 2013. Journal of Rafsanjan University of Medical Sciences. 2017;15(12):1161-72.

11. Nosratabadi R, Alavian SM, Zare-Bidaki M, Shahrokhi VM, Arababadi MK. Innate immunity related pathogen recognition receptors and chronic hepatitis B infection. Molecular immunology. 2017; 90:64-73.

12. Nosratababadi R, Bagheri V, Zare-Bidaki M, Hakimi H, Zainodini N, Arababadi MK. Toll like receptor 4: an important molecule in recognition and induction of appropriate immune responses against Chlamydia infection. Comparative immunology, microbiology and infectious diseases. 2017; 51:27-33.

13. Hassanabadi M, Zare-Bidaki M, Mohsen R. Medical Students' Perceptions of the Educational Environment in Rafsanjan University of Medical Sciences in 2016. Journal of Rafsanjan University of Medical Sciences.

2017;16(5):465-78.

14. Zare-Bidaki M, Assar S, Hakimi H, Abdollahi SH, Nosratabadi R, Kennedy D, et al. TGF-β in Toxoplasmosis: Friend or foe? Cytokine. 2016; 86:29-35.

15. Shariati-Kohbanani M, Zare-Bidaki M, Taghavi MM, Taghipour Z, Shabanizadeh A, Kennedy D, et al. DNA Methylation and microRNA patterns are in association with the expression of BRCA1 in ovarian cancer. Cellular and Molecular Biology. 2016;62(1):16-23.

16. Mobini M, Mortazavi M, Nadi S, Zare-Bidaki M, Pourtalebi S, Kazemi Arababadi M. Significant Roles Played by Interleukin-10 in Outcome of Pregnancy. Iranian Journal of Basic Medical Sciences. 2016;19(2):119-24.

17. Zavari T, Mirzaei S, Rezaeian M, Zainodini N, Zare-Bidaki M. A Study of the Seroprevalence of IgG and IgM Immunoglobulins Against Toxoplasma Gondii in Pregnant Women Referred to Niknafs Maternity Ward of Rafsanjan City and in Umbilical Cord of their Infants in 2013. Journal of Rafsanjan University of Medical Sciences. 2015;14(6):507-18.

18. Zare-Bidaki M, Karimi-Googheri M, Hassanshahi G, Zainodini N, Arababadi MK. The frequency of CCR5 promoter polymorphisms and CCR5 Δ 32 mutation in Iranian populations. Iranian journal of basic medical sciences. 2015;18(4):312.

19. Rezaeian M, Zare-Bidaki M, Bakhtar M, Hadimoghadam M. A Survey of Research Self-Efficacy in Internship Medical Students of Rafsanjan University of Medical Sciences in 2013. Journal of Rafsanjan University of Medical Sciences. 2015;14(2):111-24.

20. Rezaeian M, Zare-Bidaki M, Bakhtar M, Afsharmanesh K. Comparison of the critical thinking skills among medical students in different educational levels in Rafsanjan University of Medical Sciences in 2013. Journal of Rafsanjan University of Medical Sciences. 2015;13(8):715-24.

21. Rezaeian M, Mohammad Z-B, Bakhtar M, Kargar S. A Survey on Communication Skills of Rafsanjan University of Medical Sciences Faculty Members in 2013. Journal of Rafsanjan University of Medical Sciences. 2015;14(5):417-26.

22. Masoudpour N, Zare-Bidaki M, Sedighi E, Bakhtar M. Frequency and Related Factors of Methadone Poisoning in Children Aged under 15 Years Attending Children Emergency Center of Rafsanjan Ali-Ebne-Abitaleb Hospital In 2013. Journal of Rafsanjan University of Medical Sciences. 2015;14(7):561-74.

23. Manshoori A, Mirzaei S, Valadkhani Z, Arababadi MK, Rezaeian M, Zainodini N, et al. A diagnostic and symptomatological study on trichomoniasis in symptomatic pregnant women in Rafsanjan, South Central Iran in 2012-13. Iranian journal of parasitology. 2015;10(3):490.

24. Ghasemikhah R, Shahdoust M, Sarmadian H, Rezaei M, Ghorbanzadeh B, Gorji A, et al. Echinococcosis in Livestock Slaughtered in Arak Industrial Abattoir in Central Iran During 2006 to 2012. West Indian Medical Journal. 2015: DOI: 10.7727/wimj.2015.153.

25. Abdollahi SH, Ayoobi F, Khorramdelazad H, Ahmadabadi BN, Rezayati M, Arababadi MK, et al. Levels of transforming growth factor-beta after immunization of mice with in vivo prepared Toxoplasma gondii excretory/secretory proteins. Jundishapur journal of microbiology. 2015;8(5).

26. Zare-Bidaki M, Tsukiyama-Kohara K, Kazemi Arababadi M. Toll-like receptor 4 and hepatitis B infection: molecular mechanisms and pathogenesis. Viral immunology. 2014;27(7):321-6.

27. Zare-Bidaki M, Hakimi H, Abdollahi SH, Zainodini N, Arababadi MK, Kennedy D. TLR4 in Toxoplasmosis; friends or foe? Microbial pathogenesis. 2014; 69:28-32.

28. ZARE-BIDAKI M, AYOOBI F, HASSANSHAHI G, ARABABADI MK, MIRZAEI T, DAREHDORI AS, et al. Mutations within the HBc Gene of the Hepatitis B Virus: A Study on Iranian Patients. Clin Lab. 2014;60(1):9-21.

29. ZAINODINI N, ZARE-BIDAKI M, ABDOLLAHI SH, ZIAALI N, EBRAHIMIAN M, ARABABADI MK. Molecular and Serological Detection of Acute and Latent Toxoplasmosis Using Real-Time PCR and ELISA Techniques in Blood

Donors of Rafsanjan City, Iran, 2013. Iranian Journal of Parasitology. 2014;9(3):336-41.

30. Yousefidaredor H, Zare-Bidaki M, Hakimi H, Assar S, Bagheri V, Kazemi M. IL-17A plays an important role in induction of type 2 diabetes and its complications. Asian Pacific Journal of Tropical Disease. 2014;4(5):412-5.

31. Shabani Z, Bagheri M, Zare-Bidaki M, Hassanshahi G, Arababadi MK, Mohammadi Nejad M, et al. NK cells in hepatitis B virus infection: a potent target for immunotherapy. Archives of virology, epub ahead of print, DOI 101007/s00705-013-1965-3. 2014.

32. Karimi-Googheri M, Daneshvar H, Nosratabadi R, Zare-Bidaki M, Hassanshahi G, Ebrahim M, et al. Important roles played by TGF-β in hepatitis B infection. Journal of medical virology. 2014;86(1):102-8.

33. Hakimi H, Zare-Bidaki M, Zainodini N, Assar S, Kazemi Arababadi M. Significant Roles Played by IL-10 in Chlamydia Infections. Inflamation. 2014: [Epub ahead of print].

34. Arababadi M, Bidaki M, Kennedy D. IL-17A in hepatitis B infection: friend or foe? Archives of Virology. 2014;159(8):1883-88.

35. Mobedi I, Zare-Bidaki M, Siavashi M, Naddaf SR, Kia EB, Mahmoudi M. Differential Detection of Echinococcus Spp. Copro-DNA by Nested-PCR in Domestic and Wild Definitive Hosts in Moghan Plain, Iran. Iranian Journal of Parasitology. 2013;8(1):107-13.

36. Ghorban K, Dadmanesh M, Hassanshahi G, Momeni M, Zare-Bidaki M, Arababadi MK, et al. Is the CCR5 Δ 32 Mutation Associated with Immune System-Related Diseases? Inflammation. 2013;36(3):633-42.

37. Eftekhari Y, Rezaeian M, Zare Bidaki M, Arabshahi A. A Survey on the Status of Article Publication from Defended Medical Theses in Rafsanjan University of Medical Sciences, School of Medicine During 1993-2007. Journal of Rafsenjan University of Medical Sciences. 2013;12(7):531-44.

38. Zare-Bidaki M, Rezaein M, Ali-Abasi P. A Review on the Ethical Issues of Animal Research. Journal of Rafsenjan University of Medical Sciences. 2012;11(6):575-98.

39. Zare-Bidaki M, Mobedi I, Sadeghieh Ahari S, Habibizadeh S, Naddaf S, Siavashi M. Prevalence of zoonotic intestinal helminths of canids in Moghan plain, Northwestern Iran. Iranian Journal of Parasitology. 2010;5(2):42-51.

40. Zare-Bidaki M, Mobedi I, Naddaf S, Kia E, Mahmoudi M, Piazak N, et al. Prevalence of Echinococcus spp. Infection Using Coproantigen ELISA among Canids of Moghan Plain, Iran. Iranian Journal of Public Health. 2009;38(1):112-8.

41. Hami M, Mobedi I, Naddaf S, Zare-Bidaki M, Athari SS, Hajimohammadi B, et al. Prevalence of Linguatula serrata infection in domestic bovids slaughtered in Tabriz abattoir, Iran. Iranian Journal of Parasitology. 2009;4(3).

42. Mohammadi GA, Mobedi I, Ariaiepour M, Pourmohammadi Z, Zare-Bidaki M. A case report of nasopharyngeal linguatuliasis in Tehran, Iran and characterization of the isolated Linguatula serrata. Iranian Journal of Parasitology. 2008;3(1):53-5.

43. Zare-Bidaki M, Dalimi Asl A. Biochemical and Hematological Alterations in Vivax Malaria in Kahnouj City. Journal of Rafsanjan University of Medical Sciences. 2004;3(1):17-24.

BOOKS

1. Zare-Bidaki M, Abdollahi SH. A review on Medical Entomology. Kerman, Iran: Ista Publications; 2012. [in Persian]
2. Abdollahi SH, Zare-Bidaki M. Laboratory diagnosis of human parasitic diseases: theory and practice. Kerman, Iran: Ista Publications; 2012. [in Persian]
3. Zare-Bidaki M. A review on Medical Protozoology, Ranfsanjan, Iran: Publication of Rafsanjan University of Medical Sciences; 2025. [in Persian]

(Last Edited: November 3, 2026)