

## Curriculum Vitae

### Personal Information

**First Name:** Behroz

**Sure Name:** Mahdavi Poor

**Date of Birth:** 1979

**Nationality:** Iranian

**Gender:** Male

**Address:** Department of Laboratory Science, Faculty of Paramedicine, Tabriz University of Medical Sciences, Tabriz, I.R.Iran.

**E-Mail:** [Behroz.mahdavi@gmail.com](mailto:Behroz.mahdavi@gmail.com)

### Education:

2013-2017                      PhD in Medical Parasitology, Department of Medical Parasitology, School of Medical Sciences, Tarbiat Modares University, Tehran, I.R.Iran.

2005-2008                      Masters in Medical Parasitology, Department of Parasitology, Faculty of Medicine, Tabriz University of Medical Sciences.

2000- 2003                      BSc in Laboratory Science, Faculty of Paramedicine, Tabriz University of Medical Sciences.

**Telephone:** (0098) 9144021126, (0098) 41-33392633

**Fax:** (0098) 41-33371971

## Research Interests:

- Medical Parasitology
- Opportunistic Parasites
- Molecular Microbiology
- Biology of Microorganisms
- Drug Delivery
- Mycobacteriology
- Immunology of Parasitic Diseases
- Parasites Proteomics

## Research Experiences and Skills

***In vitro***: Cell culture, Parasite culture (*Acanthamoeba*, *Leishmania*), DNA and RNA extraction, PCR, Nested-PCR, RFLP, Sequencing, SDS-PAGE, Zymography, protein purification, ELISA, proteases activity assay.

***In vivo***: Working with laboratory animals (handling, injection, dissection).

**Computing**: Office software, Molecular biology software (MEGA, Sequencher, BioEdit, ...), EndNote, ... .

## Publications:

1. Ozma MA, Rashedi J, **Mahdavi Poor B**, Vegari A, Asgharzadeh V, Kafil HS, Kazemi A, Sahebi L, Asgharzadeh M. Tuberculosis and Diabetes Mellitus in Northwest of Iran. Infectious disorders drug targets. 2019 Jul.
2. Barac A, Karimzadeh-Esfahani H, Pourostadi M, Rahimi MT, Ahmadpour E, Rashedi J, **Mahdavi Poor B**, Kafil HS, Spotin A, Abate KH, Mathioudakis AG. Laboratory Cross-Contamination of Mycobacterium tuberculosis: A Systematic Review and Meta-analysis. Lung. 2019 Jun 15:1-1.
3. Pourostadi M, Rashedi J, **Mahdavi Poor B**, Kafil HS, Kazemi A, Ahmadpour E, Asgharzadeh M. Role of Molecular Epidemiology on Tuberculosis Control in the Middle East Countries: a Systematic Review and Meta-Analysis. Tanaffos. 2018 Oct;17(4):223.

4. Fadaee M, Rashedi J, Arabi S, **Mahdavi Poor B**, Kafil HS, Pourostadi M, et al. Stopping of the downtrend of Tuberculosis in Iran, a systematic review of associated risk factors. **Infectious disorders drug targets**. 2018 Dec.
5. Raoufinia R, Balkani S, Keyhanvar N, **Mahdavipor B**, Abdolalizadeh J. Human albumin purification: a modified and concise method. **Journal of Immunoassay and Immunochemistry**. 2018 Nov 2;39(6):687-95.
6. **Mahdavi Poor B**, Asgharzadeh M, Hajibonabi F, Rashedi J, Pourostadi M, Bahador TN, et al. Genotyping of Mycobacterium tuberculosis isolates from northwest Iran for determination on the mechanism of transmission. **Tropical Biomedicine**. 2018 Sep 1;35(3):619-26.
7. Pourostadi M, Rashedi J, **Mahdavi Poor B**, Kafil HS, Hariri-Akbari M, Asgharzadeh M. Frequency of Smear-Negative Tuberculosis in Northwest Iran. **Iranian journal of medical sciences**. 2018 May;43(3):269.
8. **Mahdavi Poor B**, Dalimi A, Ghafarifar F, Khoshzaban F, Abdolalizadeh J. Contamination of swimming pools and hot tubs biofilms with Acanthamoeba. **Acta parasitologica**. 2018 Mar 26;63(1):147-53.
9. Nikanfar S, Rashedi J, **Mahdavi Poor B**, Asgharzadeh M. Vitamin D and Tuberculosis Patients. **EC Pulmonology and Respiratory Medicine**. 2018;7:466-76.
10. **Mahdavi Poor B**, Dalimi A, Ghafarifar F, Khoshzaban F, Abdolalizadeh J. Characterization of extracellular proteases of Acanthamoeba genotype T4 isolated from different sources in Iran. **Parasitology research**. 2017 Dec 1;116(12):3373-80.
11. Baghi HB, Aghazadeh M, Rashedi J, **Mahdavi Poor B**. Hiv/AIDS in Iran. **Clinical Infectious Diseases**. 2017 Feb 11;64(6):820-1.
12. Pourostadi M, Rashedi J, **Mahdavi Poor B**, Kafil HS, Kazemi A, Asgharzadeh M. Tuberculosis Control and Role of Molecular Epidemiology Studies in Iran: A Systematic Review. **Tanaffos**. 2017;16(3):190.
13. Karimi N, Rashedi J, **Mahdavi Poor B**, Arabi S, Ghorbani M, Tahmasebpour N, et al. Cytotoxic effect of rosemary extract on gastric adenocarcinoma (AGS) and esophageal squamous cell carcinoma (KYSE30) cell lines. **Gastroenterology and Hepatology from bed to bench**. 2017;10(2):102.
14. Dalimi A, **Mahdavi Poor B**, Rashedi J, Asgharzadeh M, Abdolalizadeh J. Is hair lice still a public health problem?. **Iranian journal of public health**. 2016 Dec 27;45(12):1671-2.

15. Rashedi J, Asgharzadeh M, **Mahdavi Poor B**, Baghi HB. How to Get Rid of Calculi?. **Iranian journal of public health**. 2016 Oct;45(10):1386.
16. Pourmand M, Rashedi J, **Mahdavi Poor B**, Asgharzadeh M, Moosavi SS. Sexual Disorders in Men and Iranian Ancient Medicine. **Archives of sexual behavior**. 2016 Oct 1;45(7):1599.
17. Pourostadi M, Rashedi J, **Mahdavi Poor B**, Kafil HS, Shirazi S, Asgharzadeh M. Molecular Diversity of Mycobacterium tuberculosis Strains in Northwestern Iran. **Jundishapur journal of microbiology**. 2016 Sep;9(9).
18. Rashedi J, **Mahdavi Poor B**, Asgharzadeh M. Extreme Religious Perceptions and Vitamin D. **Iranian journal of public health**. 2016 Aug;45(8):1102.
19. Pourmand M, Asgharzadeh M, Rashedi J, **Mahdavi Poor B**. Vitiligo Treatment in Ancient Iranian Medicine. **Iranian journal of public health**. 2016;45(8):1100-1.
20. Asgharzadeh M, Ghorghanlu S, Rashedi J, **Mahdavi Poor B**, Khaki-Khatibi F, Moaddab SR, et al. Association of Promoter Polymorphisms of Interleukin-10 and Interferon-Gamma Genes with Tuberculosis in Azeri Population of Iran. **Iranian journal of allergy, asthma, and immunology**. 2016;15(3):167-73.
21. Pourmand M, Rashedi J, **Mahdavi Poor B**, Asgharzadeh M. May Inspiration from the Past Solve the Problems of the Present? **Iranian journal of public health**. 2016;45(1):118-9.
22. Khaki-Khatibi F, Rashedi J, **Mahdavi Poor B**, Reza S, Moaddab Mp. TNF-A-308 G/A Polymorphism and Susceptibility to Tuberculosis in Azeri Population of Iran.
23. Rashedi J, **Mahdavi Poor B**, Rafi A, Asgharzadeh M, Abdolalizadeh J, Moaddab SR. Multidrug-resistant tuberculosis in north-west of Iran and Republic of Azerbaijan: a major public health concern for Iranian people. **Journal of research in health sciences**. 2015;15(2):101-3.
24. Shirazi S, Rashedi J, **Mahdavi Poor B**, Asgharzadeh M, Moaddab SR. A Comparison of Multidrug Resistance Rates of Pseudomonas Aeruginosa Strains in Burn Patients in Iran in 2006 and 2015. **Analysis**. 2015;35(3):236-41.
25. Yekrang Sis H, Rashedi J, Azabdaftari F, **Mahdavi Poor B**, Asgharzadeh M, Jannati A, et al. An Innovative Method to Enhance the Modified DOTS for TB Patients. **Tanaffos**. 2015;14(3):177-81.
26. **Mahdavi Poor B**, Rashedi J, Asgharzadeh M, Fallah E, Hatam-Nahavandi K, Dalimi A. Molecular Characterization of Cryptosporidium Species in Children with Diarrhea in

- North West of Iran. **International journal of molecular and cellular medicine**. 2015;4(4):235-9.
27. Nahavandi KH, Fallah E, Asgharzadeh M, Mirsamadi N, **Mahdavi Pour B**. Glutamate dehydrogenase and triose-phosphate-isomerase coding genes for detection and genetic characterization of Giardia lamblia in human feces by PCR and PCR-RFLP. **Turkish Journal of Medical Sciences**. 2011 Mar 16;41(2):283-9.
  28. Nahavandi KH, Fallah E, Jamali R, **Mahdavi Poor B**, Asgharzadeh M. Genetic characterization of Giardia intestinalis strains from patients having sporadic giardiasis by using PCR assay. **Journal of Medical Sciences**. 2008 Apr 1;8(3):310-5.
  29. Fallah E, **Mahdavi Poor B**, Jamali R, Hatam-Nahavandi K, Asgharzadeh M. Molecular characterization of Cryptosporidium isolates from cattle in a slaughterhouse in Tabriz. northwestern Iran. **Journal of Biological Sciences**. 2008;8(3):639-43.
  30. Fallah E, Nahavandi KH, Jamali R, **Mahdavi Poor B**, Asgharzadeh M. Molecular identification of Giardia duodenalis isolates from human and animal reservoirs by PCR-RFLP. **Journal of Biological Sciences**. 2008;8(5):1-6.
  31. Asgharzadeh M, Kafil HS, Pourostadi M, Faezi NA, Rashedi J, **Mahdavi Pour B**. Strain differentiation of Mycobacterium tuberculosis for epidemiology in northwest of Iran. **Cellular and Molecular Biology**. 2016 Jul 31;62(8):15-20.

## **Article Presented in Conferences**

1. Fallah, Esmael, **Behroz Mahdavi Poor**, Rasol Jamali, Karim Hatam Nahavandi, and Mohammad Asgharzadeh. "Molecular identification of Cryptosporidium Isolates from Cattle in Tabriz, Northwestern Iran.1th International Congress of Parasitology and Parasitic Diseases. 27-29 May 2008, Tehran, Iran.
2. **Mahdavi Poor B**, Fallah E, Asgharzadeh M, Hatam Nahavandi K. Survey of Cryptosporidium in municipal drinking water and children in North West Iran. The 6th International Congress of Clinical Laboratory and Clinic. 12-14 February. 2014, Tehran, Iran.
3. **Mahdavi Poor B**, Asgharzadeh M, Fallah E, Rashedi J, samadi A, Gheitarani N. Cryptosporidium genotypes isolated from humans and cattle in east Azerbaijan province, and assessment of zoonotic transmission. The 8th International Congress of Clinical Microbiology. Sep30- Oct 2, 2014, Tabriz, Iran.

4. Rashedi J, **Mahdavi Poor B**, Taheri A, Shirazi S, Mirgasemi Z. Multi-drug tuberculosis in republic of Azerbaijan and Nakhchivan patients, traveling to Northwest of Iran. The 6th International Congress of Clinical Laboratory and Clinic. 12-14 February. 2014, Tehran, Iran.
5. Rashedi J, Asgharzadeh M, Moaddab SR, **Mahdavi Poor B**. Ethambutol resistance in M.tuberculosis: comparison between Iranian and foreign patients. The 6th International Congress of Clinical Laboratory and Clinic. 12-14 February. 2014, Tehran, Iran.
6. Balkani S, **Mahdavi Poor B**, Keyhanvar N, Abdolalizadeh J. A modified and concise method for albumin purification.
7. **Mahdavi Poor B**, Dalimi A, Ghafarifar F, Khoshzaban F, Abdolalizadeh J. Isolation and molecular characterization of *Acanthamoeba* spp. from different environmental sources in Tabriz, northwest of Iran. 3<sup>rd</sup> International & 10<sup>th</sup> National Congress of Parasitology & Parasitic Diseases of Iran. 1-3 November. 2017, Shiraz, Iran.
8. **Mahdavi Poor B**, Dalimi A, Ghafarifar F, Khoshzaban F, Abdolalizadeh J. Identification and characterization of extracellular proteases from T4 environmental isolates of *Acanthamoeba*. 3<sup>rd</sup> International & 10<sup>th</sup> National Congress of Parasitology & Parasitic Diseases of Iran. 1-3 November. 2017, Shiraz, Iran.
9. **Behroz Mahdavi Poor**, Abdolhossein Dalimi<sup>1</sup>, Fatemeh Ghaffarifar, Fariba Khoshzaban, Jalal Abdolalizadeh, Jalil Rashedi, Majid Pirestani, Mohammad Asgharzadeh, Nazila Gheitarani. Identification and Characterization of Intracellular Proteases in Crude Extract of *Acanthamoeba* Trophozoites Isolated from Clinical and Environmental Sources. 4<sup>th</sup> International Congress and the 11<sup>th</sup> National Congress of Parasitology and Parasitic Diseases of Iran, 9-11 Oct, 2019 Urmia-Iran.
10. **Behroz Mahdavi Poor**, Abdolhossein Dalimi, Fatemeh Ghaffarifar, Fariba Khoshzaban, Jalal Abdolalizadeh, Jalil Rashedi, Majid Pirestani, Mohammad Asgharzadeh. Isolation and Molecular Characterization of *Acanthamoeba* from Soil

and Hospital Environment, North West of Iran. 4 th International Congress and the 11th National Congress of Parasitology and Parasitic Diseases of Iran, 9-11 Oct, 2019 Urmia-Iran.

11. Khosrow Hazrati-Tappeh, Masoumeh Alizadeh, Shahram Khademvatan, Adel Spotin, **Behrouz Mahdavi**, Asal Golchin. Isolation and molecular characterization of Acanthamoeba isolated from immunocompromised patients hospitalized in Tabriz hospitals. 4 th International Congress and the 11th National Congress of Parasitology and Parasitic Diseases of Iran, 9-11 Oct, 2019 Urmia-Iran.