

Curriculum Vitae

Marzieh Ashrafmansouri, (PhD in Medical Parasitology)

Personal Data

Name: Marzieh

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Date and place of Birth: 1976, Shiraz, Iran

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Affiliation:

- 1- Department of Medical Laboratory sciences, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.
- 2- Diagnostic Laboratory Sciences and Technology Research Center, Faculty of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.

University Education:

BSc: In Medical Laboratory sciences, Shiraz University of Medical Sciences, Shiraz, Iran. (2000)

MSc: In Medical parasitology, Shiraz University of Medical Science, Shiraz, Iran (2011-2013)

PhD: In Medical parasitology, Shahid Beheshti University of Medical Science, Tehran, Iran (2013-2019)

Master Thesis: Comparison of serological methods (ELISA, IFA and Western blotting) for diagnosis of cutaneous leishmaniasis

PhD Thesis: Comparison of proteomic profiles of Iranian amastigote-like of *Leishmania tropica* and *Leishmania major* isolates

Educational Enrichments and Honors:

1. The top student of MSC in Shiraz University of Medical Sciences (2013). The average score: 18.46, Thesis score: 19
2. Brilliant talent MSC Graduate student in Shiraz University of Medical Sciences (2013).



3. The second rank Ph.D. student in Shahid Beheshti University of Medical Sciences (2019). The average score: 17.43, Thesis score: 19.25
4. Passed the MSRT English test (2011).
5. Accepted in EDC entrance exam in Shiraz University of Medical Sciences (2011).

Publication

1- **Ashrafmansouri M**, Sarkari B, Hatam G, Habibi P, Khabisi SA. Utility of Western Blot Analysis for the Diagnosis of Cutaneous Leishmaniasis. *Iranian journal of parasitology*. 2015;10(4):599-604.

2- Sarkari B, **Ashrafmansouri M**, Hatam G, Habibi P, Abdolahi Khabisi S. Performance of an ELISA and indirect immunofluorescence assay in serological diagnosis of zoonotic cutaneous leishmaniasis in Iran. *Interdisciplinary perspectives on infectious diseases*. 2014;2014. 505134.

3- Motevasel M, Zomorodian K, **Ashraf Mansouri M**, Farshad S. H , Haghghat A. R, Hadaegh M. G and Takhshid M. A. The anti-bacterial effects of Zataria multiflora extract on common pathogenic Gram positive cocci, pathogenic Gram negative bacilli and non -pathogenic bacteria. *African Journal of Microbiology Research*. 2011;5(28):4993-6.

4- **Marzieh Ashrafmansouri**, Fatemeh Sadat Sadjjadi, Seyyed Javad Seyyed Tabaei, Ali Haghghi, Mostafa Rezaei-Tavirani , Nayebali Ahmadi. Comparative Two-dimensional Gel Electrophoresis Maps for Amastigote-like Proteomes of Iranian Leishmania tropica and Leishmania major Isolates. *Galen medical journal*. 2019;8:e1520. [DOI:10.31661/gmj.v8i0.1520]

5- Aliyar Mirzapour, Alireza Badirzadeh, **Marzieh Ashrafmansouri**, Hamed Behniafar, Maryam Norouzi, Hakim Azizi, Mahmoodreza Behravan, Seyyed Javad Seyyed Tabaei. Super infection of cutaneous leishmaniasis caused by Leishmania major and L.tropica to Crithidia fasciculata in Shiraz, Iran. *Iranian Journal of Public Health*. Iran J Public Health. 2019; 48(12): 2285–2292.

6- **Marzieh Ashrafmansouri**, Nasrin Amiri-Dashatan, Nayebali Ahmadi, Mostafa Rezaei-Tavirani, Seyyed Javad Seyyed Tabaei, Ali Haghghi. Quantitative proteomic analysis to determine differentially expressed proteins in axenic amastigotes of Leishmania tropica and Leishmania major. *IUBMB life Wiley*. 2020; 1-10.

7- Malihe Nourollahpour Shiadeh, Sahar Esfandyari, **Marzieh Ashrafmansouri**, Aliyar Mirzapour, Ali Taghipour, Adel Spotin, Nasir Arefkhah, Ray Gamble, Amin Safa, Ali Rostami k.

The prevalence of latent and acute toxoplasmosis in HIV-infected pregnant women: A systematic review and meta-analysis. *Microbial Pathogenesis*. 2020; 149.

8- Nasrin Amiri-Dashatan , **Marzieh Ashrafmansouri**, Mostafa Rezaei-Tavirani, Mehdi Koushki, Nayebali Ahmadi. Prediction of potential drug targets for cutaneous leishmaniasis by *Leishmania major* and *Leishmania tropica*: a quantitative proteomics and bioinformatics approach. *Current Science*. 2021; 120(6).

9- Nasrin Amiri-Dashatan , Mehdi Koushki, **Marzieh Ashrafmansouri** , , Nayebali Ahmadi. Identification of Agents with Potential *Leishmania* Malate Dehydrogenase Inhibitor Activity: A Proteomic and Molecular Docking Approach. *J Mazandaran Univ Med Sci* 2022; 31 (204): 49-61 (Persian).

10- Mehdi Kian, Somayeh Mirzavand, Sedigheh Sharifzadeh, Tahereh Kalantari, **Marzieh Ashrafmansouri**, Fatemeh Nasri. Efficacy of Mesenchymal Stem Cells Therapy in Parasitic Infections: Are Anti-parasitic Drugs Combined with MSCs More Effective? *Acta Parasitologica*. 2022; 1-13.

11- **Marzieh Ashrafmansouri**, Nasrin Amiri-Dashatan, Nayebali Ahmadi. Identification of protein profile in metacyclic and amastigote-like stages of *Leishmania tropica*: a proteomic approach. *AMB Express*. 2022; 12(1): 1-13.

12- Nasrin Amiri Dashatan, **Marzieh Ashrafmansouri**, Mehdi Koushki, Nayebali Ahmadi. Effect of Resveratrol and Its Derivatives on *Leishmania* Viability: A Meta-Analysis. *Journal of Advances in Medical and Biomedical Research*.2023; 31(144): 1-13.

Conferences and Workshops:

Paper presented in congress:

1. **Ashrafmansouri M**, Sarkari B, Hatam G, Habibi P, Khabisi SA. Utility of Western Blot Analysis for the Diagnosis of Cutaneous Leishmaniasis. (NICOPA-9) 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran. Langroud Iran 20-22 May 2015.
2. **Ashrafmansouri M**, Sarkari B, Hatam G. A comparative performance of promastigotes and amastigotes-like antigens of *Leishmania major* for the diagnosis of cutaneous leishmaniasis in an ELISA system. (NICOPA-10) 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran. Shiraz Iran 1-3 November 2017.

3. **Ashrafmansouri M**, Haghghi A, Hatam GR. Study of intestinal parasites in primary school students of region-3, Shiraz city, Iran. Iranian Scientific Association of Clinical Laboratory. Tehran Iran 6-8 February 2016.
4. **Ashrafmansouri M**, Sadjjadi FS, Ahmadi NA. Proteome Assessment of Amastigote-like form of *Leishmania tropica* and *Leishmania major* from Iranian Isolates by Using 2-Two Dimensional Gel Electrophoresis. The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories. Tehran Iran 18-21 April 2019.
5. **Ashrafmansouri M**, Amiri-Dashatan N, Ahmadi NA. Proteomic Analysis Reveals Differentially Expressed Proteins in Metacyclic and Amastigote-Like Stages of *Leishmania tropica* in Iranian Isolates. The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories. Tehran Iran 18-21 April 2019.

Attended in congress and workshop:

- 1st International and 8th National Congress of Parasitology and Parasitic Disease in Iran, Kerman, Iran (NICOPA-8). 16-18 October 2012.
- 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran. Langroud Iran (NICOPA-9) 20-22 May 2015.
- 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran. Shiraz Iran (NICOPA-10) 1-3 November 2017.
- Iranian Scientific Association of Clinical Laboratory. Tehran Iran 6-8 February 2016.
- The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories. Tehran Iran 18-21 April 2019.
- SDS-Page and Immunoblotting Workshop in summer school in Shiraz University of Medical Sciences (2012).
- PCR Workshop in Paramedical University in Shiraz University of Medical Sciences (2011).
- Methodology of research Workshop in Shahid Beheshti University of Medical Science, Tehran, Iran (2016).
- Writing articles with focus on Parasitology Workshop in NICOPA-10 in Shiraz(2017).
- Attended in Scientific Writing Workshops in RCC in Shiraz University of Medical Sciences (2018-2019) including:
 - How to write a good paper?
 - How to Read and Understand a Scientific Paper?
 - Peer Review in Biomedical Sciences
 - English For Academic Writing
 - Advanced Scientific Writing
 - Translation Strategies
 - How to Write a Credible Letter and How to Prepare a Convincing Curriculum Vitae?

Work experience and responsibilities:

➤ **Professional experience (2019-2023):**

- 1- Chief of Internship of Department of Laboratory Science, School of Paramedical Sciences.
- 2- Teaching of clinical Parasitology to Laboratory of sciences Students in Shiraz, Estahban and Darab university.

➤ **B.S. of laboratory sciences in paramedical university (2009-2019):**

- 1- Practical training courses for the students of laboratory sciences.
- 2- Holding workshops for the deputy health department.

➤ **Technician of laboratory sciences in Hafez hospital (1997-2009):**

- 1- Working in Hematology and Blood bank, Biochemistry, Serology and Immunology, Microbiology, Urine analysis and Parasitology department.
- 2- The responsible of training the Laboratory of sciences Students.
- 3- Training the laboratory colleagues and nurses.
- 4- Set up the new tests and preparation the lab solution.

➤ **Experiences:**

1. Cultivation of *Leishmania*
2. Differentiation of *Leishmania*
3. ELISA
4. IFA
5. SDS-Page and Immunoblotting
6. Two-dimensional Gel Electrophoresis
7. PCR
8. Diagnosis of intestinal parasites