

# Curriculum Vitae

**Leila Masoori**



**Degree:** Ph. D of Medical Parasitology

**Academic status:** Assistant Professor

**Address:** Department of Laboratory Sciences, Lorestan University of Medical Sciences, Khorramabad - Lorestan (Iran)

**Email:** [Leilamasoori96@gmail.com](mailto:Leilamasoori96@gmail.com)

## **Educational Status:**

✧ 2014 - 2019: Ph. D, Medical Parasitology;

Department of Parasitology and Mycology, School of Medicine, Iran University of Medical Sciences (IUMS), Tehran, Iran.

### **Thesis Title:**

Producing recombinant protein from the main immunogenic component of *Strongyloides stercoralis* and designing ELISA kit for diagnosis of strongyloidiasis.

(Grade: 20)

Supervisors: **Prof. Ahmad Reza Meamar** (Parasitologist) AND **Dr. Reza Falak** (Immunologist)

◇ 2011-2014: MSc, Medical Parasitology;

Department of Parasitology and Mycology, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

**Thesis Title:**

Sero-epidemiological study of Visceral Leishmaniasis in Delphan district (Lorestan province) by DAT. (Grade: 20)

**Supervisor: Dr. Vahideh Moin-Vaziri**

**Publications:**

1- **Leila Masoori**, Ahmad Reza Meamar, Mojgan Bandehpour, Andrew Hemphill, Elham Razmjou, Kobra Mokhtarian, Mona Roozbehani, Alireza Badirzadeh, Nahid Jalallou, Lame Akhlaghi, Reza Falak. Fatty acid and retinol-binding protein: a novel antigen for immunodiagnosis of human strongyloidiasis. **PLOS ONE**. <https://doi.org/10.1371/journal.pone.0218895> July 22, 2019

2- **Leila Masoori**, Reza Falak, Kobra Mokhtarian, Mojgan Bandehpour, Elham Razmjou, Nahid Jalallou, Farzane Jafarian, Lame Akhlaghi, Ahmad Reza Meamar. Production of recombinant 14-3-3 protein and determination of its immunogenicity for diagnosis of strongyloidiasis. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. 113(6); 326–331,2019.

3- Ahmad Reza Meamar, Nahid Jalallou, **Leila Masoori**, Maryam Alipour. Disseminated and Hyperinfection Fatal Strongyloidiasis in Two Patients on Immunosuppressive Therapy: A Case Report. **Medical Laboratory Journal**. Nov-Dec, 2019; Vol 13: No 6.

4- Mino Tasbihi, Faezeh Shekari, Homa Hajjarian, **Leila Masoori**, Ramtin Hadighi. Mitochondrial Proteome Profiling of *Leishmania tropica*. **Microbial Pathogenesis**. Available online 21 May 2019. [doi.org/10.1016/j.micpath.2019.103542](https://doi.org/10.1016/j.micpath.2019.103542).

- 5- Mona Roozbehani, Jebreil Shamseddin, Maryam Moradi, **Leila Masoori**. Myiasis of Mandible Due to *Lucilia sericata*, in Diabetic Woman Patient: A Case Report. **Archive of Clinical Infectious Diseases**. 2019; 14(1): e59824.
- 6- Maryam Heidari-Kharaji, Vahid Fallah-Omrani, Alireza Badirzadeh, Behnam Mohammadi-Ghalehbin, Mohammad Ali Nilforoushzadeh, **Leila Masoori**, Hossein Montakhab-Yeganeh, Mehrak Zare. *Sambucus ebulus* extract stimulate cellular responses in cutaneous leishmaniasis. **Parasite Immunology**. 2019 Jan;41(1): e12605. doi: 10.1111/pim.12605.
- 7- Mona Roozbehani, Reza Falak, Mohsen Mohammadi, Andrew Hemphill, Elham Razmjou, Ahmad reza Meamar, **Leila Masoori**, Majid Khoshmirsafa, Maryam Moradi, Mohammad Javad Gharavi. Characterization of a multi-epitope peptide with selective MHC-binding capabilities encapsulated in PLGA nanoparticles as a novel vaccine candidate against *Toxoplasma gondii* infection. **Vaccine**. 36 (2018) 6124–32.
- 8- **Leila Masoori**, Farnaz Kheirandish, Behnaz Akhouni, Ali Haghighi, Latif Gachkar, Alireza Abadi, Ali Chegeni Sharafi, Mehdi Mohebbali, Vahideh Moin-Vaziri. Molecular-based Detection of *Leishmania infantum* in Human Blood Samples in a New Focus of Visceral Leishmaniasis in Lorestan Province, Iran. **Arthropod born disease**. 2018, 12(1): 67–75.
- 9- Kobra Mokhtarian; Ahmad Reza Meamar, Majid Khoshmirsafa, Elham Razmjou, **Leila Masoori**, Majid Khanmohamadi, Lame Akhlaghi, Reza Falak. Comparative assessment of recombinant and native immunogenic forms of *Fasciola hepatica* proteins for serodiagnosis of sheep Fasciolosis. **Parasitology Research**. 2018,117(1): 225-32.
- 10- **Leila Masoori**, Shaghayegh Yazdani, Faranak Rezaei, Mansour Amraei. Phytotherapy for *Streptococcus viridans*. **Journal of Pharmaceutical Sciences and Research**. 9(7), 2017, 1205-208.
- 11- Nahid Rezaei, **Leila Masoori**, Faranak Rezaei, Somayeh Shahsavari. Phytotherapy for *Enterococcus faecalis*. **International Journal of Advanced Biotechnology and Research (IJBR)** 8(3), 2017, 2059-64.

12- **Leila Masoori**, Vahideh Moin-Vaziri, Farnaz Kheirandish, Behnaz Akhouni, Ali Haghghi, Latif Gach-kar, Alireza Abadi, Ali Chegeni Sharafi, Mehdi Mohebali. Sero-prevalence study of *visceral leishmaniasis* using direct agglutination test (DAT) in children up to 12 years old in Delphan city, Lorestan province: Introduce a new focus of VL in Iran. 2015. **Medical Journal of Tabriz University of Medical Sciences and Health Services**. 2015, 36(6).68-73. (Full text in Persian).

13- **Leila Masoori**, Mehdi Mohebali, Farnaz Kheirandish, Behnaz Akhouni, Ali Haghghi, Latif Gach-kar, Ali Chegeni Sharafi, Vahideh Moin-Vaziri. Sectional study on *visceral leishmaniasis* in Dowreh Chegeni county, Lorestan, province by serological and molecular methods. **Research quarterly PAJOUHA**, 1392: 8 (26). (Full text in Persian).

#### Abstracts in Scientific Meetings:

1- **Masoori L**, Jafarian F, Meamar AR. *Strongyloides stercoralis* and Its Risk Factors in Immunocompromised Patients. 10<sup>th</sup> Iranian congress and 3<sup>th</sup> international congress of Medical Parasitology, Shiraz, Iran (2017).

2- Jafarian F, **Masoori L**. Prevalence and Risk Factors of *Strongyloides Stercoralis* Infection in Patients Referred Therapeutic Centers of Babol, Northern Iran. 10<sup>th</sup> Iranian congress and 3<sup>th</sup> international congress of Medical Parasitology, Shiraz, Iran (2017).

3- Tasbihi M, Jafarian F, **Masoori L**. Seroprevalence of Toxoplasmosis in Babol, Iran. 10<sup>th</sup> Iranian congress and 3<sup>th</sup> international congress of Medical Parasitology, Shiraz, Iran (2017).

4- Asali A, **Masoori L**, Ahmadi F, Meamar AR. A case of *Strongyloides Stercoralis* hyper infection in a patient undergoing coronary artery bypass graft. 10<sup>th</sup> Iranian congress and 3<sup>th</sup> international congress of Medical Parasitology, Shiraz, Iran (2017).

5- Jafaryan F, **Masoori L**. Prevalence and Risk Factors of *Strongyloides Stercoralis* Infection in Babol City and suburbs, Iran. 8<sup>th</sup> congress of Clinical Laboratory and Clinic, Tehran. (2017).

6- Vahideh Moin-Vaziri, **Leila Masoori**. Visceral leishmaniasis in Delphan city, Lorestan province: Introduce a new focus of VL in Iran. 3<sup>rd</sup> International Conference on Clinical Microbiology & Microbial Genomics September 24-26, 2014 Valencia, Spain.

7- **Leila Masoori**, Vahideh Moin-Vaziri, Farnaz Kheirandish, Mehdi Mohebali, Ali Haghghi, Nourina Rahbarian. Isolation and characterization of *Leishmania infantum*

from blood samples of human in new hypo-endemic foci of Visceral Leishmaniasis in Delphan District, Lorestan Province, Iran. 6<sup>Th</sup> congress of Clinical Laboratory and Clinic, Tehran (1392).

8- **Masoori L**, Seyed tabaei SJ, Vaziri VM, Mollazadeh M, Chegeni A. Serological study of Toxoplasmosis in children in rural areas Delphan District of Lorestan Province by ELISA. 8<sup>th</sup> Iranian congress and 1<sup>th</sup> international congress of Medical Parasitology, Kerman, Iran (1391).

9- **Leila Masoori**, Vahideh Moin-Vaziri, Farnaz Kheirandish, Behnaz Akhoundi, Ali Haghighi, Ali Chegeni Sharafi, Mehdi Mohebali. Seroprevalence of visceral leishmaniasis in Delphan City, Lorestan Province: A cross sectional studies in 2012, 21<sup>th</sup> congress of Infectious and Tropical Diseases, Tehran (1391).

10- Saburi E, Seyed tabaei SJ, Haghighi A, Taghipour N, **Masoori L**. Evaluation of diagnostic value in identifying cases of acute and recurrent Toxoplasmosis weaving acute. 8<sup>th</sup> Iranian Congress and 1<sup>th</sup> international congress of Medical Parasitology, Kerman, Iran (1391).

11- Behravan MR, Mehran S, Joneidi Z, Memari F, **Masoori L**, Arab Z. Review in vitro preventative effect of some plants extract on *Leishmania major* in Iran. 6<sup>Th</sup> congress of Clinical Laboratory and Clinic, Tehran (1392).

#### Professional Experiences:

- RNA & DNA extraction
- SDS-PAGE
- Blotting
- Cloning
- Protein purification (by FPLC)
- Mass Spectrometry
- Primer Design
- PCR & RFLP-PCR
- Nested-PCR
- Loop-Mediated Isothermal Amplification (LAMP) Technique
- ELISA & IFA techniques
- Cell & Tissue culture techniques

#### Sequences Submitted to PubMed:

◇ Accession: LC476977.1, LC476976.1, LC476975.1 for *Strongyloides stercoralis* mitochondrial cox1.

- ✧ Accession: LC315684.1 for **Strongyloides stercoralis S8 FARP** mRNA for immunogenic fatty acid and retinol binding protein, partial cds.
  
- ✧ Accession: KJ417496.1, KJ417495.1, KJ417491.1, KJ417494.1, KJ417493.1, KJ417492.1, KJ417490.1 for *Leishmania infantum*.

#### **Organization Activities:**

- 1- Executive Committee of the 3<sup>th</sup> Congress on Novel & Innovative Laboratory Technologies, Iran University of Medical Sciences, Tehran, Iran, October 2015.
  
- 2- Executive Committee of the 4<sup>th</sup> Congress of Laboratory and Clinic, Shahid Beheshti University of Medical Sciences, Tehran, Iran, December 2012.

#### **Participation in Congresses:**

- 1- 10<sup>th</sup> Iranian congress and 3<sup>th</sup> international congress of Medical Parasitology, Shiraz, Iran (2017).
  
- 2- 3<sup>th</sup> Congress on Novel & Innovative Laboratory Technologies, Iran University of Medical Sciences, Tehran, Iran, October 2015.
  
- 3- 2<sup>th</sup> Congress on Novel & Innovative Laboratory Technologies, Iran University of Medical Sciences, Tehran, Iran, 2014.
  
- 4- 6<sup>th</sup> congress of Clinical Laboratory and Clinic, Tehran (1392).
  
- 5- 8<sup>th</sup> Iranian Congress of Parasitology (1391).
  
- 6- 4<sup>th</sup> congress of Clinical Laboratory and Clinic, Tehran (1390).
  
- 7- 2<sup>th</sup> Congress of First Aid and Rescue Management.
  
- 8- Reproductive health in disaster (1385).