

IN THE NAME OF GOD

Educational and research background information and professional

Curriculum Vitae June 2019



PERSONAL INFORMATION

Full name: Mohsen Najjari

Date of birth: May 22, 1966

Place of birth: **Torbat-e Jam** (Khorasan razavi)

Marital status: Married

Course of study: **Msc, Ph.D in Medical Parasitology**

Position: Assistant Professor (Ph.D)

English Language certification: MHLE, Score max: 69 UP to 100; May, 16, 2013

Last Academic Address:

Dept. Parasitology and Mycology, School of Medicine

Mashhad University of Medical Sciences

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EDUCATION

- 1- Ph.D. in Medical Parasitology, Shiraz University of Medical Sciences, Shiraz, Iran, 2017. GPA: 17.40 and thesis final score has been assist (**Excellent**) 19.70 (out of 20).
- 2- M.S. in Medical Parasitology, Shahid Beheshti (National) University, Tehran, Iran, 2003. GPA: 16.25 (out of 20)
- 3- B.S. in Clinical Laboratory Sciences, Mashhad University of Medical Sciences (MUMS), Mashhad, Iran, 1998.GPA: 17.62 (out of 20)
- 4- A.S. in Clinical Laboratory Sciences, Mashhad University of Medical Sciences (MUMS), 1991.GPA: 17.08 (out of 20)
- 5- Diploma in Experimental Sciences, Torbat-e Jam (Khorasan razavi), 1984. GPA: 17.48 (out of 20)

EDUCATIONAL EXPERIENCES

2017 to June 2021 Assistant Professor in Mashhad Medical University, Mashhad, Iran

2012 to August 2017

PhD Candidate in Shiraz University of Medical Sciences – Teaching practical and general parasitology to medical and paramedical student.

2007 to 2012

MUMS, Mashhad, full-time laboratory assistant in Parasitology & Mycology ward, Teaching practical courses to medical and other science students

1998-2007 Azad University (AU), Mashhad, full-time in charge of Microbiology, Biochemistry and Hematology wards as well as assisting the students for apprenticeship courses and executing student's thesis in Microbiology ward of 22-Bahamn Hospital.

1992-1996 Azad University (AU), Zahedan, full-time laboratory assistant and teaching the students of Clinical Laboratory Sciences, Nursing, Obstetrics , and other Basic sciences , Biochemistry, Hematology, and Microbiology.

PUBLICATION

- 1- Evaluating the effect of two methods of virtual and traditional education on parasitology course scores of laboratory science students in Mashhad.(2023). [HTTPS://HMED.MUMS.AC.IR/ARTICLE_22131.HTML.DOI.10.22038/HMED.2022.65419.1221](https://hmed.mums.ac.ir/article_22131.html.doi.10.22038/hmed.2022.65419.1221)

- 2- Morphological and Molecular Descriptions of *Macracanthorhynchus ingens* (Acanthocephala: Oligacanthorhynchidae) Collected from Hedgehogs in Iran.(2022). <https://doi.org/10.1155/2022/8418752>
- 3- Evaluation of the Prevalence of Malaria and Cutaneous Leishmaniasis in the Pre-and Post-Disaster Years in Iran.(2022). DOI: <https://doi.org/10.1017/S1049023X22000942>(Q1)
- 4- A Review of Ethical Issues Related to Laboratory-Based Diagnostics.(2022) URL: <http://mlj.goums.ac.ir/article-1-1457-en.html>
- 5- Impact of a health educational interventional program on reducing the head lice infestation among pupils in an elementary school of a sub-tropical region: a quasi-experimental.(2022). <https://doi.org/10.1186/s12887-022-03492-y>
- 6- Anisakis spp, DNA detection in paraffin-embedded tissue biopsies recovered from patients with gastritis using real-time PCR in Bushehr, Persian Gulf, Iran. (2022).<https://doi.org/10.1016/j.molbiopara.2022.111494>(Q2)
- 7- Spatio-Temporal Variability of Malaria Infection in Chahbahar County, Iran: Association with the ENSO and Rainfall Variability. DOI: [10.21203/rs.2.24532/v1](https://doi.org/10.21203/rs.2.24532/v1) (Q1)
- 8- An abattoir survey of hydatid and liver fluke disease in slaughtered cattle in Alborz Province, Iran. Motazedian, M, Najjari, M., Zarean, M. et al. Comp Clin Pathol (2018). <https://doi.org/10.1007/s00580-018-2800-8>.
- 9- Molecular Studies on Cystic Echinococcosis of Camel (*Camelus dromedarius*) and Report of *Echinococcus ortleppi* in Iran. Mohammad Ebrahimipour, Seyed Mahmoud Sadjjadi, Hossein yousofi darani, Mohsen Najjari. Iranian Journal of Parasitology. 2017 Jul-Sep; 12(3): 323–331.(ISI)
- 10- Surgically managed human cystic echinococcosis in north-eastern Iran: a single center's experience from 2001 to 2008. Mohammad Ebrahimipour, Christine M Budke, **Mohsen Najjari**, Kambiz Yaghoobi. Journal of Parasitic Diseases. 2017; 41(3), pp 883–887.(PMC)
- 11- Bayesian spatial analysis of the surgical incidence rate of human cystic echinococcosis in north-eastern Iran. Mohammad Ebrahimipour, Christine M Budke, **Mohsen Najjari**, Rudi Cassini, Naeimehossadat Asmarian. Acta Tropica., 2016 November ; 163, Pages 80-86.(ISI)
- 12- *Hysterothylacium amoyense* in *Platycephalus indicus*: a Persian Gulf fish and its experimental infection of mouse model. **M Najjari**, SM Sadjjadi, A Derakhshanfar. Mohammad Ebrahimipour. Comp Clin Pathol 2016; 25:1143–1149.(Scopus)

- 13- *Macracanthorhynchus hirudinaceus*: the most common helminthic infection of wild boars in southwestern Iran. Sarkari, B., Mansouri, M., **Najjari, M.** et al. *Journal of Parasitic Diseases* (2016) 40: 1563.(PMC)
- 14- Disseminated Strongyloidiasis in an Immunodeficient Patient (*Pemphigus Vulgaris*) Due to Corticosteroid Therapy: A Case Report. **Mohsen Najjari**, Mohammad Ebrahimipour, Amir Kaheh, Mohammadreza Karimazar. *Iranian Journal of Parasitology*. 2016 Jul-Sep; 11(3): 411–416.(ISI)
- 15- Severe diarrhea due to *Cystoisospora belli* infection in an HTLV-1 woman. Reza Shafiei, **Mohsen Najjari**, Ali Kargar Kheirabad, Golamreza Hatam. *Iranian Journal of Parasitology*. 2016 Jan-Mar; 11(1): 121–125.(ISI)
- 16- Prevalence of intestinal parasites among food-handlers in Shiraz, Iran. Mohammad Hossein Motazedian, **Mohsen Najjari**, Mohammad Ebrahimipour, Qasem Asgari, Sousan Mojtavavi, Majid Mansouri. *Iranian Journal of Parasitology*. 2015;10(4): 652–8. (ISI)
- 17- The Oldest Recorded Case of Acromegaly and Gigantism in Iran. Mohsen Najjari. *Archives of Iranian Medicine (AIM)*. **Mohsen Najjari**. 2015 Oct;18(10):734-6. (ISI)
- 18- Nosocomial Myiasis with *Lucilia Sericata* (Diptera: Calliphoridae) in an ICU patient in Mashhad, Northeastern of Iran. **Mohsen Najjari**, Reza Shafiei, Mohammad Reza Fakoorziba *Arch Iran Med*. 2014; 17(7): 523 – 525. (ISI)
- 19- “Leech bite a rare cause of postmenopausal Bleeding”. Hasanzadeh M, Shafiei R, Bolandi S. **Najjari M**, Hatam GH . *Iran Red Crescent Med J*. 2012 June; 14(6): 384–385. (ISI)
- 20- “Detection of *Plasmodium* parasites in Healthy Blood Donors Using Polymerase Chain Reaction”. Bahram Kazemi, **Mohsen Najjari**, Esmaeel Saneimoghaddam, Mojgan Bandehpour, Negar Seyed and Khojasteh Sharifi. *Arch Iranian Medical* 2005; 8 (2): 135 – 138. (ISI) (extracted from my Msc thesis)
- 21- Comparison study of PCR-RFLP and Direct Microscopy Smear in diagnosis of *Plasmodium* parasites in patients with suspected malaria in endemic regions of south Iran". "Khojasteh Sharifi, Mojgan Bandeh Pour, Mahin Jamshidi, Negar Seyed, **Mohsen Najjari**, Shahram Asadi, Bahram Kazemi. 2009; *Journal of Microbial Biotechnology: the first year of issue, first Number, 1-5.*(Persian)

RESEARCH PROJECTS

- 1- Co-worker on the project: An Investigation of Abundance of Worm Infection in HTLV1 Vectors affected by HMS-TSP in Khorasan Province (research proposal No: 462 July(2008).
- 2- Co-worker on the project: comparative study of Floconazol and Terbinafin in treatment of *Tinea corporis* and *Tinea capitis* research proposal No: 87245 November 2009.
- 3- Co-worker on the project: comparative study of Grizovin and Terbinafin in treatment

of Tinea corporis and Tinea capitis research proposal No: 89449 November 2010.

4 Co-worker on the project: The role of atmospheric phenomena (Monsoon) in the incidence of malaria in south east of Iran- proposal No:90-2424 (Shiraz) November 2011.

5-Co-worker on the project: Seroprevalence of Antibodies against Anisakids Larvae among Healthy- Residents in Persian Gulf, Dylam port No:96-2315 (Shiraz) August 2017.

6- Co-worker on the project: The heterogeneity of cutaneous leishmaniasis isolated from patients in northeast Iran. No : 961177 (Mashhad) November 2017.

7- Co-worker on the project: Identification of blastocyst sub-types in patients with IBS using PCR-sequencing No : 961420 (Mashhad) December 2017.

8- Co-worker on the project: Leishmania RNA Virus identification in patients with resistance to treatment in patients admitted to research centres.No : 961633 (Mashhad) December 2017

9- Co-worker on the project: Identification of leishmania RNA virus in rural cutaneous leishmaniasis. No : 961637 (Mashhad) December 2017

10-Serologic study of anti-toxoplasmosis anti-bodies in patients with cryptogenic epilepsy.No : 961658 (Mashhad) February 2018.

11-Serologic study of anti-toxocariasis anti-bodies in patients with epilepsy No : 961659 (Mashhad) February 2018.

WORK EXPERIENCE

September 2017 to present

MUMS, Mashhad, full-time laboratory assistant Professor in Parasitology & Mycology ward – (Ghaem Hospital), through practical courses to medical and other sciences students.

2012- August 2017

Dept.Parasitology and Mycology, School of Medicine, Shiraz University of Medical Sciences
PhD candidate and laboratory assistant.

2007 to 2012

MUMS, Mashhad, full-time laboratory assistant in Parasitology & Mycology ward – (Ghaem Hospital), teaching practical courses to medical and other science students.

1998-2007

Azad University (AU), Mashhad, full-time in charge of Microbiology, Biochemistry, Hematology wards as well as assisting the students for apprenticeship
Courses and executing student's thesis in Microbiology ward of 22-Bahamn Hospital.

1998-2000

Part-time Laboratory Supervisor in Pascal Laboratory, supervised by Dr. Mohajerin. Mashhad, Tel: +98-511-8428789

1992-1996

Azad University (AU), Zahedan, full-time laboratory assistant and teaching the students of Lab. Sciences, Nursing & Obstetrics other science students , Biochemistry, Hematology, and Microbiology.

1992-1993

Part-time Laboratories Supervisor in Zahedan Ebn-e-Sina Lab supervised by Dr. Mohammadzadeh, Tel: +98-541-3226616

1991-1992

Zahedan, Hospital for Infants, serving obligatory medical services after Graduation in AS.

PRESENTATIONS AND LECTURES

1- Oral presentation on: Evidence of presence ascaroid *Hysterothylacium amoyense* in *Saurida tumbil* in Persian Gulf, Iran.in the 6th National Conference of Ichthyology, Kerman Agust 2018.

2- Presenting a scientific lecture in 12th International Infectious & Tropical Diseases Congress and receiving the diploma, 2004-Tehran-Iran

3- Presenting scientific lectures in Ghaem Hospital – MUMS (2009) (*Blastocystis hominis*, Mechanisem of Apotosis in parasites...)

4- Presenting scientific lecture in MUMS continues education office (2010) and receiving the diploma (Quality Control in Parasitology and Mycology lab)

5- Presenting scientific lecture in MUMS continues education office (2010) and receiving the diploma (PCR and Related usage in Lab)

6-Presenting scientific lectures in Medical Parasitology for nursing and midwifery students in Shiraz University Sciences 2015-2017

7- Presenting scientific lectures in practical Medical Parasitology for Medical students in Shiraz University Sciences 2012-2015

ABSTRACTS PRESENTED AT CONGRESSES OR SEMINARS

- 1- Experimental Gastritis due to *Anisakid Hystertylacium amoyense* in mouse model. National congress of Animal model in experimental researchers, Iran, Shiraz April 2016.

- 2- Severe diarrhea due to *Isospora belli* infection in a HTLV1 woman. International Journal of Infectious Diseases , Thailand,Bangkok April 2012..
- 3- Nosocomial myiasis with *Lucilia sericata* In a Hospitalized ICU patient in Mashhad 7 national congress of zoonotic Diseases Yasuj, Iran, 17-19 May 2011
- 4- “On the Role of Monsoon in the Prevalence of Malaria in South East of Iran (Chahbahar area)” in NICOPA6, Karaj, Iran, 2008.- Iranian J parasitology Supplementary Issue. Vol .3 , No .1. 2008
- 5- Investigation of Babesiosis in sheep and cattle in Torbat-e-Heydariyeh and Importance of economic and sanitation sides from April 2007 up to December 2009 7 national congress of zoonotic Diseases Yasuj,Iran ,17-19 May 2011
- 6- Leech bite:”A case report of an unusual post-menopausal vaginal bleeding in a patient suspected to cancer “.Seventh National and the Second Regional Congress of Parasitology and Parasitic Diseases in Iran Tehran, Iran; 19-21 Oct, 2010
- 7- Investigation of pollution to Hydatid cyst of slaughtered Cattle In Torbat-e-Heydariyeh from April 2007 up to December 2009^V National congress of zoonotic Diseases Yasuj,Iran ,17-19 May 2011
- 8- “A review on the structural and role of merozoite in pathogenesis of *Plasmodium falciparum*” Seventh National and the Second Regional Congress of Parasitology and Parasitic Diseases in Iran Tehran, Iran; 19-21 Oct, 2010
- 9- " Comparing different methods of DNA extraction of coetaneous leishmaniasis in positive smear" in Second Congress of Clinical Microbiology 9-10 Oct 2008 – Iran-Shiraz
- 10- “Detection of *Plasmodium* Parasites in Healthy Blood Donors Using Polymerase Chain Reaction” (Extracted from MS Thesis) in 9th International Parasitology Congress of Europe, Valencia, Spain 2003.

CONFERENCE, WORKSHOP AND PRIVILEGES

- 1- Attending in: The 6th Iranian Conference of Ichthyology presenting oral article and receiving diploma in August 2018.
- 2- Having experience on *Anisakis typica* L3 Larvae (Nematode) cultivation. Dr.Sadjjadi Helminthology Lab. Shiraz, Iran, August 2017.
- 3- Attending the Workshop: Western blotting. Italy, Roma, Sapienza University, October 2016 and receiving diploma. During my Research Opportunity
- 4- Attending the Workshop: Design of Taqman Probe and Primers in qPCR. Italy, Viterbo, Tuscia University, November 2016 and receiving diploma. During my Research Opportunity.

- 5- Attending the Workshop: Real Time PCR (SYBER Green and Taqman). Iran, Shiraz, 20-27 August 2015 and receiving diploma.
- 6- Attending the Workshop: Primary SPSS and its usage in biostatistics. Iran, Shiraz, 20-27 August 2015 and receiving diploma.
- 7- Attending the Workshop: Principles of Primer Design, Iran, Shiraz, 20-27 August 2015 and receiving diploma.
- 8- Attending the 1st Int'l and 8th National Congress of Parasitology and Parasitic Diseases in Iran, Kerman, 16-18 October 2012
- 9- Attending the workshop: Endnote directed by Mashhad University of Medical Science– May 2010, and receiving diploma
- 10- Executive secretary of PCR Workshop directed by Society for Khorasan Razavi Clinical Laboratory Employees and Mashhad Medical University –January 2010, and receiving diploma
- 11- Attending the workshop: PCR directed by Society for Khorasan Razavi Clinical Laboratory Employees and Mashhad Medical University – Jan 2010, and receiving diploma
- 12- Lecturer In Quality Control in Parasitology and Mycology, Mashhad University of Medical Sciences, Reference Laboratory.(2008) and receiving diploma
- 13- Attending the workshop: New aspects in Parasitology directed by Ministry of Health and Medical Education - reference laboratory - March 2008, and receiving diploma.
- 14- Performing PCR & RFLP experiments, Cellular & Molecular Research Center, Shahid Beheshti University, Tehran, Iran, 2002-2003
- 15- Investigating and reporting more than 1000 blood smears for plasmodium's in malaria patients in south-eastern part of Iran. From 1991-1993
- 16- Investigating, sampling and reporting more than 1500 skin ulcer for leishmania parasites in north-eastern of Iran supervised by related specialists. From 2007-2012
- 17- Having experience on leishmania cultivation. Mashhad, Iran 2010
- 18- Having International (ICDL) computer certificate skills.
- 19- **First registration** of (8 native Isolate) COX2 gene of *Hysterothylacium* sp (MN-1-2017) in GenBank (NCBI).
- 20- Spending a study opportunity course on Real Time-PCR at the University of Sapienza in Italy in 2016.

THE EXECUTIVE RESPONSIBILITIES

Full-time laboratory Supervisor in Parasitology & Mycology Department - Ghaem Hospital – and Parasitology Dept, MUMS, Mashhad

MEMBERSHIP IN ORGANISATIONS

American Society of Microbiologist; ctieglar@allenpress.com (2015-2018)

Iranian Society of Parasitology (2010-2018)

Head Director of Education in Society for Khorasan Razavi, Clinical Laboratory Employees. (2008-2012)

RESEARCH INTERESTS

All aspects in neglected Medical parasitology by trend on Molecular diagnosis, systemic classification and phylogenic of parasites could be welcomed.

MORE ABOUT ME

I believe my creative style and strong background experience, skills, ability to establish researches in teamwork style, and desire to be a **life-long learner**, would allow me to support the department goals and to provide extensive innovative effort. I would like to inform that, my studies in all education levels mentioned above have been performed in the "A" group of governmental universities .The experiences achieved during work periods led me to be more concerned in educational fields. This personal interest helps me to be an active, hardworking, and motivated person for long period educational and learning courses. Therefore, continuous promotion and achieving higher educational degree is my main value and attention. In my believe Research and Education are life long journey. Expanding the mind is not limited to youth and brilliance is not narrowed by age. You know you will never get to the end of the journey but this so far, from discouraging, only adds to the joy and glory of the climb.