

*In the name of God*

## **CV(Curriculum Vitae)**

**Azar shokri**

**Associate professor at vector-borne diseases research center,north khorasan university of medical sciences**

### **A. Personal Information:**

**Name:** Azar

**Family:** Shokri

**Sex:** Female

**Date of Birth:**1969

**Marital Status:** Single

**Tel:** 09122681354

**Fax:** (+98 58)32297182

**E-mail :**azar\_sh1969@yahoo.com

### **B.Education**

<b>Degree</b>	<b>Field</b>	<b>Institution</b>	<b>City</b>	<b>Country</b>	<b>Date</b>
<b>PhD</b>	<b>Parasitology</b>	<b>MUMS</b>	<b>Sari</b>	<b>Iran</b>	<b>2012</b>
<b>M.Sc</b>	<b>Parasitology</b>	<b>KMUS</b>	<b>Kerman</b>	<b>Iran</b>	<b>2008</b>
<b>B.Sc</b>	<b>Entomology</b>	<b>HUMS</b>	<b>Hamedan</b>	<b>Iran</b>	<b>2003</b>

### **C.Academic Appointments**

<b>Year</b>	<b>Academic Rank</b>	<b>Institution</b>
1) 2016	PhD in parasitology	Mazandaran university of Medical sciences

### **D. Trainings passed**

Cell culture and parasite culture

MTT assay

Molecular method (polymerase chain reaction, PCR)

Drug treatments on cells and parasite

Cloning and western blotting

### **D.I. Courses**

**As a participant in following courses:**

2019        6 hours in seminar: Research in the promotion of faculty members

2015        4 hours workshop: Nano drug delivery system: basic concepts.

2014        2 hours workshop: Introduction to Nanoscopy.

2013        2 days : congress of nanotechnology in health sciences. mazandaran university of medical sciences

2013 1day workshop: using of nano golds for PCR

2013 2days: DHPLC workshop.

2013 1day workshop: Nanoscopy in medical science with using scanning electron microscopy (SEM).

2012 2 weeks : workshop for powerfulness of PhD students for scientific researches and teaching methodology.

2012 1day workshop: Patent writing.

2011 1day workshop: paper analysis and multiple assay

2011 2day workshop: clinical teaching and student Arianism teaching.

2011 3 hours workshop: Web of knowledge.

2011 1day workshop: Syllabus design.

2011 1day workshop: Internet safety.

2011 1day workshop: Critical thinking.

2011 1day workshop: Ouran research in medicine.

2010 3days ; Medical journalism.

2010 3days ;Publication writing.

2010 3days; 7 th National congress of parasitology and parasitic disease

2009 4 hours workshop "Digital laboratory.

2009 1day workshop; How to judge a publication.

2009 1day workshop; Sample size .

2009 1day workshop;How to find references?

2009 1day workshop ; Use of statistics in SPSS software.

2009 1day workshop ; Advance methodology of research.

2009 1day workshop; Evaluating of students.

2009 1day workshop; Evaluating of students by MCQ method.

2009 2days workshop:Action Research.

2009 1day workshop:PBL(problem base learning)

2009 1day workshop ;Skillful faculty

2009 4days ; 2th National congress on Quality Improvement In Clinical Laboratories

2008 1day;Swin flu congress

2008 4days ; 3th National congress on Quality Improvement In Clinical Laboratories

2008 1day:Blood transfusion and new techniques

2008 6<sup>th</sup> Congress of parasitology and parasitic disease

2007 3days: National congress of zoonotic disease

2006 4days:Laboratory and clinic congress(Iranian laboratory society )

2006 2days: Medical entomology congress

2005 3days:5 th National congress of parasitology and parasitic disease

## **E.Publications**

### **E.I. Articles**

E.I.1 English,published in: Journal of Parasitology research:

The effect of verapamil on in vitro susceptibility of promastigote and amastigote stages of *Leishmania tropica* to meglumine antimoniate **(MS THESIS)**

Azar Shokri & Iraj Sharifi & Ali Khamesipour & Nozar Nakhaee & Majid Fasihi Harandi & Jafar Nosratabadi & Maryam Hakimi Parizi & Mohammad Barati

2- E.2.2. English published in :Asian pacific journal of tropical biomedicine : **Prevalence of *Strongyloides stercoralis* and other intestinal parasitic infections among mentally retarded residents in central institution of southern Iran.**

Azar Shokri, Khojasteh Sharifi Sarasiabi\*, Saeed Hosseini Teshnizi, Hamid Mahmoodi

3- E.1.3. publicatio in English in Journal of: Parasitolgy Research: **Toxoplasma gondii infection among sheep and goats in Iran: A systematic review and meta-analysis**

M. Sharif, Sh. Sarvi , A. Shokri , S. Hosseini Teshnizi ,M. T. Rahimi , A. Mizani , E. Ahmadpour , A. Daryani

4- E.1.4. publicatio in English in Journal of: Acta tropica: **Seroprevalence of *Toxoplasma gondii* in Iran general population: A systematic Review and Meta-analysis .**

Ahmad Daryani, Shahabeddin Sarvi, Mohsen Aarabi, Azadeh Mizani, Ehsan Ahmadpour, Azar Shokri, Mohammad-Taghi Rahimi, Mehdi Sharif

5- E.1.5. publicatio in English in: Asian Pacific Journal of Tropical Medicine: **Cattle Toxoplasmosis 1 in Iran: A Systematic Review and Meta analysis from 1978 to 2012.**

Shahabeddin Sarvi, Ahmad Daryani, Mohammad Taghi Rahimi, Mohsen Aarabi, Azar Shokri, Ehsan Ahmadpour, Azadeh Mizani, Mahdi Sharif

6- E.1.6. publicatio in English in Journal of: Parasitolgy Research: **Trichomonas vaginalis infection among Iranian general population of women: a systematic review and meta-analysis**

Hajar Ziaei Hezarjaribi , Mahdi Fakhar , Azar Shokri , Saeed Hosseini Teshnizi , Azita Sadough , Mahbobeh Taghavi

7- E.1 .7. publicatio in English in Journal of : Anti-infective agents: **Anti-Leishmanial activity of *Gossypium hirsutum* L., *Ferula assa- foetida* L, and *Artemisia aucheri* Bioss extracts by colorimetric assay**

Mohammad Barati, Iraj Sharifi, Fariba Sharififar, Maryam Hakimi Parizi, Azar Shokri

**8- E.I.8. publicatio in English in: OJVR: Cats and Toxoplasma gondii: A systematic review and meta-analysis in Iran**

Mohammad T. Rahimi, Ahmad Daryani, Shahabeddin Sarvi, Azar Shokri, Ehsan Ahmadpour, Saeed H. Teshnizi, Azade Mizani, Mahdi Sharif

**9- E.I.9. publicatio in English in Brazilian Journal of: Infectious Diseases: Toxoplasmosis in immunocompromised patients in Iran: a systematic review and meta-analysis**

Ehsan Ahmadpour, Ahmad Daryani, Mahdi Sharif, Shahabeddin Sarvi, Mohsen Aarabi, Azadeh Mizani, Mohammad Taghi Rahimi, Azar Shokri

**10- E.I.10. publication in English in(speciall issue) Journal of: Acta Tropica(2016): Canine visceral leishmaniasis in Iran: a systematic review and meta-analysis**

Azar Shokri, Mahdi Fakhar, Saeed Hosseini Teshnizi

**11. E.I.11. publicatio in English in: Korean Journal of parasitology(2016): Isolation and genotyping of Acanthamoeba spp from water sources in Mazandaran province, Northern Iran in 2013**

Azar Shokri, Shahabeddin Sarvi, Ahmad Daryani, Mehdi Sharif

**12. E.I.12. publication in Persian in: Mazandaran journal of Medical Sciences: Nanoscopic technologies for ultra structural characterization of Leishmania parasites**

Azar Shokri, Mahdi Fakhar, Javad Akhtari, Pooria Gill

**13. E.I.13. publication in English in : Asian pacific Journal of Tropical Biomedicine: Birds and Poultries toxoplasmosis in Iran: A systematic review and meta-analysis**

Azar Shokri, Mehdi Sharif, Saeed Hosseini Teshnizi, Shahabeddin Sarvi, Mohammad - Taghi Rahimi, Azadeh Mizani, Ehsan Ahmadpour, Mahboobeh Montazeri, Ahmad Daryani

14- E.I.14. publication in English in : Asian pacific Journal of Tropical Biomedicine: **Promising antileishmanial effectiveness of doxorubicin and doxil against *Leishmania major*: an in vitro assay**

**Azar Shokri**, Javad Akhtari, Masoud Keighobadi, Mahdi Fakhar , Saeed Hosseini Teshnizi ,Saeed Emami ,Sajede Sadjjadian

15- E.I.15. publication in English in :Iranian Journal of Parasitology: **In vitro anti leishmanial effect of *Lavandula angustifolia* and *Rosmarinus officinalis* essential oils and nano-emulsions on *Leishmania major***

**Azar Shokri**, Katayoon Semnani, Mahdi Fakhar, Saeed Hosseini Teshnizi

16- E.I.16. publication in English in Journal of :Acta tropica: **In vitro antileishmanial activity of novel azoles (3-imidazolylflavanones) against promastigote and amastigote stages of *Leishmania major* (PhD.THESIS).**

**Azar Shokri**, Saeed Emami, Mahdi Fakharb,, Saeed Hosseini Teshnizi,Masoud Keighobadi

17- E.I.17. Publication in English in Journal of :Recent Patents on Anti-Infective Drug Discovery: **Ultra structural characterization of *Leishmania major* promastigotes after treating with new synthetic azole using Scanning Electron and Atomic Force Microscopes (PhD.THESIS).**

**Azar Shokri**, Pooria Gill, Mahdi Fakhar, Saeed Emami

18- E.I.18. publication in English in Journal of :Parasitology research: **Status of babesiosis among domestic herbivores in Iran: a systematic review and meta-analysis**

Mousa Motavalli Haghi , Fariborz Etemadifar, Mahdi Fakhar, Saeed Hosseini Teshnizi, Masoud Soosaraei, **Azar Shokri**, Atta Hajihhasani , Hamed Mashhadi

19- E.I.19. publication in English in Journal of: Helminthologica: **Application of multiplex PCR for the simultaneous detection of *Taenia* spp.from domestic dogs in the north of Iran**

M. T. Rahimi, S. Sarvi, A. Daryani, M. Sharif, E. Ahmadpour, A.Shokri, A. Mizani

20- E.I.20. publication in Persian in: Mazandaran journal of Medical Sciences: **Using Fast PCR Amplification in Identifying *Fasciola* Species**

Azadeh Mizani, Pouria Gill, Shahabedin Sarvi, Ahmad Daryani, Mehdi Sharif, Mohammad Taghi Rahimi, Azar Shokri, Ehsan Ahmadpour

21- E.I.21. publication in English in Journal of : Tropical Medicine and Health: **General status of toxoplasmosis seroprevalence in Iranian women and risk factors of the disease: A systematic review and meta-analysis**

Azadeh Mizani, Abas Alipour, Mehdi Sharif, Shahabeddin Sarvi, Afsane Amouei, Azar Shokri, Mohammad-Taghi Rahimi, Seyed Abdollah Hosseini, Ahmad Daryani

22- E.22. Publication in English in Journal of : Global Antimicrobial Resistance: **Potent activity of novel imidazole antifungal drug Luliconazole against promastigotes and intracellular amastigotes of *Leishmania major***

Azar Shokri, Mahdi Abastabar, Masoud Keighobadi, Saeed Emami, Mahdi Fakhar, Saeed Hosseini Teshnizi, Koichi Makimura, Ali Rezaei-Matehkolaei, Hassan Mirzaei

23- E.23. Publication in English in Journal of: Parasitology International: **Repurposing azole antifungals into antileishmanials: Novel 3- triazolylflavanones with promising in vitro antileishmanial activity against *Leishmania major***

Masoud Keighobadia, Saeed Emamib, Mahdi Fakhar, Azar Shokrid, Hassan Mirzaeia, Saeed Hosseini Teshnizi

24- E.24. Publication in English in Journal of: Parasite Epidemiology and Control: **Status of *Linguatula serrata* infection in livestock: A systematic review with meta-analysis in Iran.**

Rabeeh Tabaripour, Azar Shokri, Saeed Hosseini Teshnizi, Mahdi Fakhar, Masoud Keig

25- E.25. *Publication in English in Journal of Acute Disease: A review of Acanthamoeba keratitis in the Middle East and Iran.*

Mohammad Hossein Feiz Haddad, Azar Shokri, Habib Habibpour, Seyede Manizhe Heidar Nejadi

26- E.26. *Publication in English in Journal of infectious Disorders: First evidences of salt and pepper retinal lesions in patients with intestinal protozoan infections in Iran*

Reza Jafari, Huriyeh Gorgizadeh, Masoud Soosaraei, Azar Shokri, Zainab Bandalizadeh, Haniyeh Ahmadi, Elham Sadat Banimostafavi, Mahdi Fakhar\*

## **F.Experience**

### ***F.I.Teaching:***

From 2009 to 2012: Parasitology to students of nursing, midwifery ,operation room technician, laboratory sciences and medical emergency team workers in Hormozgan University of Medical Sciences.

2012 to 2016: Teaching Parasitology to students of medical science , pharmacology and laboratory sciences in Mazandaran University of Medical Sciences (as an assistant of my guide).

From 2019 until now: Parasitology to students of medical field and field of health.

### ***F.II.Clinical/Practical***

1993 to 1999: Work as a laboratory technician.

2014: Referee in national congress of medical science students, Mazandaran University of Medical Sciences.

2009 to 2012: As a member of **research committee** of Hormozgan university of medical sciences ( faculty of nursing and midwifery).

2009 to 2012: **Chief Manager** of laboratories in Hormozgan University of Medical Sciences( faculty of nursing and midwifery).

2011 to 2012: **Chief Manager** of students' research committee in Hormozgan university of medical sciences( faculty of nursing and midwifery).

### ***F.III.Others***

### **G. Research Projects**

1-The effect of new synthetic azoles on *Leishmania major* in vitro.

2-Evaluation of the effect of verapamil on in vitro susceptibility of *Leishmania tropica* standard strains of amastigote and promastigote to meglumine antimonate in vitro

3- Prevalence of intestinal parasites among mentally handicapped people in Bandar Abbas in 2010

5-Isolation and genotyping of *Acanthamoeba* species from municipal waters in 2014

6-Anti-leishmanial effects of a number of synthetic azoles on *Leishmania mazorum* standard amastigote and promastigote stages in vitro and their effects by atomic force microscopy(AFM)

6-Evaluation of the anti-leishmanial effects of lavender extracts and their nanoemulsions on amastigote and promastigote stages of standard *Leishmania mazorum* strain in vitro

7-Evaluation of anti-leishmanial effects of Luliconazole on *Leishmania mazorum* standard amastigote and promastigote stages in vitro

8-Evaluation of anti-leishmanial effects of doxyl and doxorubicin on amastigote and promastigote stages of standard *Leishmania mazorum* blast strains in vitro

9-Frequency of *Leishmania infantum* infection in blood donors of North Khorasan



province using serological and molecular methods during 1999-2009

10-Evaluation of the Effectiveness of Miltefosine Nanoemulsions on Leishmania Major Parasites in Vitro and Mouse Model (In Vivo)

11-Identification and Assessment of MicroRNAs (miR-15a, miR-16-1), miR-107 in Patients with Pituitary Adenoma Referred to Endocrinologists in Bojnourd, 1998-99

12-Frequency of salt and pepper ocular lesion in patients with Giardia infection and other intestinal parasitic infections in Bojnourd city in 1998-99

13-Evaluation of Artemisinin Nanoemulsions Compared to Glucantime on Leishmania Major Parasites In Vitro and In Vivo Injection

14-Evaluation of the efficacy of Nigella sativa-loaded Nigella sativa loaded with artemisinin in topical ointment formulation on leishmania lesions induced by Leishmania majoris parasite mouse model

15-Isolation of methanol extract fractions of interstitial walnut blade and evaluation of their cytotoxic and apoptogenic effects on human cancer cell lines (MCF-7, PC-3 and AGS)

16-Systematic review of the therapeutic effects of xiaoyao wan based on traditional Chinese medicine on various gynecological, mental and skin diseases

17-Prevalence of incisional hernia following laparoscopic cholecystectomy and evaluation of factors affecting it in Bojnourd city in 1984-97

18-Evaluation of cytotoxic, antibacterial and antioxidant effects of methanolic extract of Lepidium draba and purification of its compounds By HPLC

19-Identification of the defective gene involved in the development of pseudo hypoparathyroidism in three people with this disease in Bojnourd

20-Evaluation of the efficacy of gel containing nanoemulsions loaded with resveratrol and curcumin to relieve pain in patients with knee osteoarthritis

21-Evaluation of the number of cases related to organ failure and mortality due to quarrel in emergency department of Imam Ali hospital in Bojnourd between 1986 and 2010

22-Demographic survey of motorcycle accidents in Bojnourd city in 2019

#### **H. Presentations:**

**2019-** Teacher 6 hours in workshop: **advanced systematic review and meta-analysis** in North Khorasan University of Medical Sciences.

**2019-** Poster presentation at 4<sup>th</sup> international and 11<sup>th</sup> national congress of parasitology and parasitic diseases: **Giant Cerebral Hydatid Cyst in Iran; A Rare Case Report**

**2019-** Poster presentation at 4<sup>th</sup> international and 11<sup>th</sup> national congress of parasitology parasitology and parasitic diseases: **Primary Pelvic Hydatid Cyst in an Infertile Female, A Case Report**

**2017-** Poster presentation at 3<sup>th</sup> international and 10<sup>th</sup> national congress of parasitology parasitology and parasitic diseases: **In vitro anti- leishmanial effect of Lavandula angustifolia and Rosmarinus officinalis essential oils and nano-emulsions against Leishmania major.**

**2017-** Poster presentation at 3<sup>th</sup> international and 10<sup>th</sup> national congress of parasitology parasitology and parasitic diseases: **Potent activities of novel imidazole, Luliconazole against promastigote and amastigote stages of Leishmania major.**

**2014-** Poster presentation at national congress of medical students, Mazandaran university of medical sciences: **A review on comparison axenic and in vitro culture of Leishmania parasite.**

**2014-** Poster presentation at 9<sup>th</sup> national congress of parasitology parasitology and parasitic diseases, Gyllan. **Isolation and genotyping of Acanthamoeba spp from water sources in Mazandaran province, Northern Iran in 2013**

**2010-** Poster presentation at first international and 7<sup>th</sup> national congress of parasitology Tehran,Iran." **Evaluating of intestinal parasites among mentally retards institutionalized in Hormozgan province at 2010.**

**2008-** Lecture at 6<sup>th</sup> national congress of parasitology Karaj Razi institue: **The synergic effect of verapamil on *in vitro* susceptibility of promastigote and amastigote stages of *Leishmania tropica* to meglumine antimoniate.**