



In the Name of God

Curriculum Vitae
Morteza Shams, PhD

Zoonotic Diseases Research Center, Ilam University of Medical Sciences, Ilam, Iran

General Information

- *First name* : Morteza
 - *Surname* : Shams
 - *Birth Date*: 15.09.1976
 - *Nationality*: Iranian
 - *Religion* : Islam
 - *Marital status*: Married
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Address & Current Position

Zoonotic Diseases Research Center, Ilam University of Medical Sciences, Ilam, Iran

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Education

B.SC Tabriz University in Laboratory Science at 1995

M.SC Hamadan University of Medical Sciences in Medical Parasitology at 2010

Ph.D Tarbiat Modares University in Medical Parasitology at 2016

Referees

Dalimi Abdolhossien, Ph.D. Professor of parasitology (Direct Supervision of my Ph.D. dissertation)
Department of Parasitology & Mycology, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran. *E-mail*: Dalimi4@yahoo.com

Languages

Farsi - native, English - fluent

Experimental Skills (Research experience)

- ELISA (Enzyme Linked Immunosorbent Assay)
 - Gel agarose and acrylamid electrophoresis, SDS Page
 - Western Blotting
 - Molecular parasitology
 - Extraction and purification of DNA, Plasmid, and RNA
 - PCR and PCR-based analysis, for example: RT-PCR, Multiplex-PCR, PCR-RFLP, Nested-PC
 - Protein Purification (affinity chromatography)
 - DNA Sequencing
 - Bioinformatics
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Teaching experience

- Protozoology
- Helminthology
- Epidemiology of parasites and parasitic disease
- Veterinary Parasitology
- Artropodology

Publications

Book (Writing)

Morteza Shamsi, Alimohammad Bahrami. The Comprehensive of Arthropoda in Veterinari. Ilam University Publication. 2009

Sayed Hussain Mosawi, Zabih Zarei, **Morteza Shams**, Khanali Mohammadi, Sayed Abdulqayum Sajjadi. Environmental Health and Leishmaniasis by Indication on Afghanistan: A Review. Encyclopedia of Environmental Health, 2nd Edition. 2019 Elsevier Inc. Publication. <https://doi.org/10.1016/B978-0-12-409548-9.11740-3>

Membership of Scientific Organizations

Since 2009: Member of Writers Association, an Iranian reporter (Tehran)

Since 2007: Member of Iranian Society of parasitology (Tehran)

Since 2013: Member of writing Scientific Journal of Ilam University of Medical Sciences (Ilam)

Papers

1. Baba Ahmadi E, Khosravi A, **Shamsi M**, Hooshmandfar R. The anti coccidial evaluation of quim coccid, pharm coccid amprolium and monensia against Eimeria tenella in vitro. J Ilam Uni Med Sci 2010; 2:37-43. **(ISC)**

2. Ali Mohammad Bahrami, **Morteza Shamsi**, Reza Hoshmandfar. Evaluate the Contamination of respiratory syncytial virus (RSV) in dairy herds in Ilam Province. Iranian J Med Microbiol 2010; 4(1, 2):80-6. **(ISC)**

3. Afra Khosravi, **Morteza Shamsi**, Noorkhoda Sadeghifard, Ghafourian Sobhan. Evaluation of mice, sheep and human IgG and IgE antibody responses against the mice Crude Hydatid Cyst Fluid (HCF) antigens. J Cell Animal Biolo 2012; 6(5): 66-72.

4. Afra Khosravi, Sobhan Ghafourian, **Morteza Shamsi**, Nourkhoda Sadeghifard, AbbasMaleki, Ebrahim Babaahmadi. Cross reaction between the crude hydatid cyst fluid antigens of human and animals origin in response to human IgG class and subclasses. **(Pubmed)**

5. Ali Mohammad Bahrami, Alizaman Doosti, Hossein Nahrevanian, **Morteza shamsi**. Pathological study on parasitism in Racing Pigeons an indication of its effects on community health. Advances in Environmental Biology 2012; 6(2):726-732. **(Scopus)**

6. Baba Ahmadi E, **Shamsi M**, Khosravi A , Sayehmiri K, Saki k. Human IgG class and subclass against Crude Hydatid Cyst Fluid (HCF) antigens of human compared to antigen B. J Ilam Uni Med Sci 2011;19(1):37-43. **(ISC)**

7. Afra Khosravi, **Mortaza Shamsi**, Ebrahim Babaahmadi, Kourosh Salyemiri, Kourosh Saki. Cross reaction of human antibody to Hydatid Cyst Fluid antigens of human and mice. J Health System 2011; 7(2):236-46. **(ISC)**

8. Fallah M, Khosravi A, **Shamsi M**, Maghsood H, Bahrami A, Hoshmandfar. Evaluation of human IgE and IgG class and subclass antibody responses against the sheep, mice, cattle and antigen B crude hydatid cyst fluid antigens using ELISA. Vet J Islamic Azad Uni Sanandaj Branch 2013; 6(3):45-54. **(ISC)**

9. Fallah M, Khosravi A, **Shamsi M**, Maghsood H, Bahrami A, Sayemiri K, Doosti A. Effectiveness of sheep Crude Hydatid Cyst Fluid (CHCF) antigen for serodiagnosis of human, sheep, mice and cattle hydatidosis. Adv Res Agri Vet Sci 2014; 1(1)4: 12-7.

10. Mostafa Nemati, **Morteza shamsi**. Detection of mecA, eta, etb and tst-1 genes from staphylococcal isolates. J Bas Res Med Sci 2015; 2(2):13-17. **(ISC)**

11. Ali Mohammad Bahrami, **Morteza Shamsi**. Zoonotic Parasitic infections of cats in human community: A histopathological Study. J Bas Res Med Sci 2015; 2(3):49-56. **(ISC)**

12. Ali Louei Monfared1, Aaref Nooraii, **Morteza Shamsi**. Placental histomorphology and morphometry in the pregnant mice treated with cell phone radiation. J Bas Res Med Sci 2015; 2(4):51-60. **(ISC)**

13. Shamsi M, Dalimi A, Khosravi A, Ghafarifar F1 Determination of Genotype Isolates of Human and Sheep Hydatid Cyst in Ilam. J Ilam Uni Med Sci 2015; 23(2):111-9. **(ISC)**

14. Laila Aabasian, Shahnaz Shirbazou, **Morteza Shamsi**, Sara Damghani, Ali Delpisheh. Hormonal changes in women with breast cancer infected with Toxoplasma gondii. J Bas Res Med Sci 2016; 3(1):16-21. **(ISC)**

15. Ali Louei Monfared, Aaref Nooraii, **Morteza Shamsi**. Histological and biochemical changes of kidney in the mice exposed to mobile phone radiation. *J Bas Res Med Sci* 2016; 3(3):45-51. **(ISC)**
16. Saeed Nafisi, Leila Rezazadeh, Ehsan Hosseini, **Morteza Shamsi**, Anwar Bahrami Mousavi, Ali Mohammad Bahrami. Citrullus colocynis fruit extract as an anti-depressant in mice. *J Bas Res Med Sci* 2016; 3(4):49-55. **(ISC)**
17. Bahrami A, **Shamsi M**, Bahrami A, Soltani S, Shokri A, Ahmadi M, Talebimaymand F, Abasian L. Staphylococcus aureus Isolated from Bovine Mastitis Milk Livestock and the Study of Antibiotic Resistance. *J Ilam Uni Med Sci* 2016; 24(2):18-26. **(ISC)**
18. **Morteza Shamsi**, Abdolhossein Dalimi, Afra Khosravi, Fatemeh Ghafarifar. The phylogenetic similarity of hydatid cyst isolated from humans and sheep in Ilam Province southwest of Iran. *Comp Clin Pathol* 2016; 25:1221-6. **(Scopus)**
19. Talebimaymand F, Abasian L, **Shamsi M**, Rashnavadi M, Sharifinia N. Investigating the Prevalence of Intestinal Parasites in Ilam City in 2014. *J Ilam Uni Med Sci* 2016; 24(2):1-7. **(ISC)**
20. Ali Louei Monfared, **Morteza Shamsi**. The effect of lansoprazole administration during pregnancy on the placenta. *J Bas Res Med Sci* 2017; 4(2):24-28. **(ISC)**
21. **Shamsi M**, Dalimi A, Khosravi A, Ghafarifar F, Pourahmad F. Determination and sequencing of genotypes of Echinococcus granulosus from stray dogs isolates with cox1gen in Ilam, West of Iran. *J Ilam Uni Med Sci* 2016; 24(6):97-106. **(ISC)**
22. Shamsaei N, Abdi H, **Shamsi M**. The effect of a continuous training on necrosis and apoptosis changes in the hippocampus of diabetic Rats. *J Ilam Uni Med Sci* 2017; 25(1):1-11. **(ISC)**
23. Mahmoud Bahmani, Razi Naserifar, **Morteza Shamsi**, Amin Karimi, Ali Jalilian, Shahriyar Rasouli, Seyed Hossein Adineh, Mahmoud Rafieiankopaei, Somayeh Shahsavari. A case report of a patient with 15 acute local wet wounds in the legs and its treatment process. *Int J Adv Biotechnol Res* 2017; 8(3):1743-1746. **(ISI)**
24. Mahmoud Bahmani, **Morteza Shamsi**, Razi Naserifar, Hemat Karami, Ali Jalilian, Shahriyar Rasouli, Seyed Hossein Adineh, Elham Sahraei, Mahmoud Rafieiankopaei, Somayeh Shahsavari. A rare case report of extensive cutaneous Leishmaniasis lesions on ear from Dehloran city, West of Iran and the treatment process. *Int J Adv Biotechnol Res* 2017; 8(3): 1747-1749. **(ISI)**
25. **Morteza Shamsi**, Naser Abbasi, Asadollah Mohajer, Masih Hoseini, Mahmoud Rafieiankopaei. The most important native medicinal plants effective against cutaneous Leishmaniasis in Mouse. *Int J Life Sci Pharma Res* 2018; 8(2): 1-7. **(ISI)**
26. **Morteza Shamsi**, Somayeh Shahsavari, Sara Abbasi. A Review of the most important medicinal herbs affecting Leishmaniasis and ulcers in Iranian pharmacy knowledge. *J Pharm Sci Res* 2017; 9(12):i. **(Scopus)**
27. Nasrin Rezaee, **Morteza Shamsi**, Elhame Damani, Sina Sekandarpour, Nasrin Ranjbar, Azad Mohamdi, Fariba Faizei. Prevalence and epidemiologic profile of acute cutaneous Leishmaniasis in an endemic focus in Southeast Iran. *Hormozgan Med J* 2018; 22(4):e89444. **(ISC)**
28. Mohamad Reza Nazer, Saber Abbaszadeh, Khatereh Anbari, **Morteza Shamsi**. A review of the most important medicinal herbs affecting giardiasis. *J Herbmed Pharmacol* 2019; 8(2): 78-84. **(Scopus)**
29. Gholamreza Kalvandi, **Morteza Shamsi**, Gholamali Nourmohammadi, Saber Abbaszadeh, Parastoo Baharvand, Afshin Hasanvand, Nasser Abbasi. Epidemiology of Brucellosis in Dehloran Ilam province between 2015 and 2019 A cross sectional epidemiologic study. *Egypt J Vet Sci* 2019; 50(2):107- 112 **(ISI)**

Honors and Awards

2009: Selected as one of the Top Writers Book of the Iran.

Abstracts

1. Babaahmadi E, Khosravi A, Hoshmandfar R, Syfi T, **Shamsi M**, Taherian S. Microbiological diagnose of poultry litters in Ilam poultry field. 10th Iranian Congress of Microbiology. Ilam Uni Med Sci 2009; Ilam, Iran
2. **Shamsi M**, Sayfi T, Hoshmanfar R. Study and survey the causes factors of bacteria abortion on sheep in Ilam province. 11th Iranian Microbiology Congress and 1st East Mediterranean Microbiology Congress. Guilan Uni Med Sci 2010; Guilan, Iran
3. Babaahmadi E, Taherpour K, **Shamsi M**. Prevalence of gastrointestinal nematodes in nursing calves. The 1st International Congress of large animal practitioners 2011; Tehran, Iran
4. Babaahmadi E, Alipour M, **Shamsi M**. Prevalence of liver confiscation and economic losses due to Fasciola hepatica in bovine slaughterhouse during 3 years. 2th International Congress of Food Hygiene 2011; Tehran, Iran
5. **Shamsi M**, Babaahmadi E. Diagnosis of aleolar Echinococcosis in cattle slaughter Ilam industrial slaughterhouse. *Iranian J Publ Health* 2011; 40(1). **(ISI)**

6. Morteza Shamsi, Mosa Yaghoobizadeh, Alimohamad Bahrami, Farzad Mohamadi, Sahar hamounnavard. Comparative serological study of brucellosis among workers and animals of the industrial slaughter house in Ilam. The 5th International Congress of Clinical Laboratory and Clinic 2013; Tehran, Iran
7. Mohammad Fallah, Morteza Shamsi, Afra Khosravi, Amirhossin Maghsood, Alimohamad Bahrami, Reza Hoshmandfar. Effectiveness of sheep crude hydatid cyst fluid antigen for serodiagnosis of human, sheep, mice and cattle hydatidosis. The 6th International Congress of Clinical Laboratory and Clinic 2014; Tehran, Iran
8. Shamsi M, Bahrami A. Effect of Matricaria chamomilla plant extraction on experimental infected lamb with *Ostertagia ostertagi* parasites. The 6th International Congress of Clinical Laboratory and Clinic 2014; Tehran, Iran **(Oral)**
9. Fallah M, Shamsi M, Khosravi A, Maghsood AH, Bahrami AM, Hoshmandfar R. A study Serological response intensity the human IgG class and subclasses and IgE against antigen B, cattle, sheep and mice crude hydatid cyst fluid antigens to find common antigen. The 7th International Congress of Laboratory and Clinic 2015; Tehran, Iran
10. Shamsi M, Bahrami A, Hoshmandfar R. A study ectoparasite infestations in stray dogs of Ilam, Southwest of Iran. The 7th International Congress of Laboratory and Clinic 2015; Tehran, Iran
11. Shamsi M, Dalimi A, Khosravi A, Ghafarifar F. Genotyping *Echinococcus granulosus* from stray dogs and golden Jackals from Southern Western Iran. The Second Experts and Students Laboratory Sciences Symposium. The 7th Congress of Laboratory and Clinic 2015; Tehran Iran
12. Valadbeigi T, Bahrami A, Shamsi M, Moallembandani H, Falahzhabi Z. Antimicrobial activity of silicon carbide-nZVI composites. 1th National Congress of basic Medical Sciences and the Knowledge Based Production 2016; Tehran, Iran
13. Shamsi M, Dalimi A, Khosravi A, Ghafarifar F. Genotyping of Hydatid cyst isolated from human and sheep in Ilam Province Southwest of Iran. The 8th International Congress of Clinical Laboratory and Clinic. 1th National Congress of Basic Medical Sciences and the Knowledge based production 2016; Tehran, Iran
14. Shamsi M, Hossieni E, Bahrami A. Study *Citrullus colocynthis* extraction as an anti depressant in mice: A model for human. The 8th International Congress of Clinical Laboratory and Clinic. 1th National Congress of Basic Medical Sciences and the Knowledge based production 2016; Tehran, Iran **(Oral)**
15. Shamsi M, Ghafarifar F, Alirahmi H. Comparative assay of glutathione S transferase activity of excretory secretory materials and somatic extract of *fasciola hepatica* parasites. 1th International and 8th National Congress of Parasitology and parasitic diseases in Iran Kerman. Iran J Parasitol 2012. **(ISI)**
16. Shamsi M, Dalimi A, Khosravi A, Ghafarifar F, Sadraie J. Genotype determination of hydatid cysts isolated from animal and human in Ilam by PCR-RFLP method. The 2th International and 9th National Congress of Parasitology and parasitic diseases of Iran Guilan. Iran J Parasitol 2015. **(ISI)**
17. Fallah M, Shamsi M, Khosravi A, Maghsood AH. A study serological response of IgG class and subclass antibody in sera of mice, sheep and human against the cattle crude hydatid cyst fluid antigens. The 2th International and 9th National Congress of Parasitology and parasitic diseases of Iran Guilan. Iran J Parasitol 2015. **(ISI)**
18. Bahrami A, Shamsi M, Babaahmadi E, Hoshmandfar R. Comparative study of brucellosis serological tests in staff and livestock of Ilam slaughterhouse. The 1th National Congress of Laboratory Sciences Veterinary 2009; Tehran, Iran
19. Rashnavadi M, Rostamzad A, Lavaeimofared A, Shamsi M. Investigating the effect of total body volume changes on serum progesterone levels using principal components analysis P.C.A in native cattle of Ahwaz. The 4th Veterinarians Clinical Sciences Congress 2004; Urmia, Iran
20. Bahrami A, Shamsi M, Hoshmandfar R, Hamonnavard S, Alidokhti S. Comparative testing of serological tests for brucellosis in sheep and goat herds in Mehran and Dehloran cyti. The 16th Iranian Veterinary Congress 2010; Tehran, Iran
21. Khosravi A, Shamsi M. Trace amount of IgG antibody in Sera of mice sheep and human against the human crude hydatid cyst fluid antigen. 15th ICID 2012; Bangkok, Thailand
22. Dalimi A, Shamsi M, Khosravi A, Ghafarifar F. Genotyping of hydatid cyst isolate from human in Ilam province West of Iran. World Congress on Echinococcosis and 11th International Conference 2015; Romania
23. Bahrami A, Fathinia B, Shamsi M, Hoshmandfar R. Study and treatment of cutaneous Leishmaniasis using a combination of aqueous extract of onion, leek and sheep. The 1th National Congress of Laboratory Sciences Veterinary 2009; Tehran, Iran
24. Lavaeimofared A, Shamsi M. Study of the effect of adding probiotic alone and with antibiotics or enzyme to diet on some of the serum biochemical parameters and also the counting of the white blood cells. The 4th Veterinarians Clinical Sciences Congress 2004; Urmia, Iran.
25. Bahrami A, Shamsi M, Hoshmandfar R. Study of the Effective Effects of Medicinal Herbs on Creams on Poultry and livestock in cattle sheep and goats. The 14th Iranian Veterinarians Congress 2005; Tehran, Iran
26. Morteza Shamsi. Effect of Aloe vera extract on cutaneous leishmaniasis in human wound healing compared to glucantime. The 5th Paramedical Students Congress 2010; Tehran, Iran **(Oral)**

27. Bahrami A, [Shamsi M](#), Hoseeinirad H, Bokhatmosawi M. Evaluation of microbial contamination status in 200 pasteurized cheeses samples compared to 80 traditional cheeses in terms of total coliforms, *Shigella* and *Staphylococcus aureus* in Ilam city in summer 2005. The 9th Food Congress 2006; Tabriz, Iran
 28. [Shamsi M](#), Doosti A, Bastaminejad S. Study of *Giardia*, *Cryptosporidium*, *Anatomoeba* and *Isospora* in protozoan infection stray dogs in Ilam City. 7th National and 2th Regional Congress of Parasitology and parasitic diseases of Iran Tehran 2010; Tehran, Iran
 29. Bahrami A, [Shamsi M](#), Hoshmandfar R, Hamoonavard S. Effect of *Somnifreus papvera* extract on the treatment of cutaneous Leishmaniasis compared to Glucantime. 16th Iranian Veterinari Congress 2010; Tehran, Iran
 30. [Shamsi M](#), Bahrami A, Hoshmandfar R, Hamoonavard S. Effect of honey on the treatment of cutaneous leishmaniasis in laboratory animal samples mice and human samples compared to glucantime. 7th National Congress Zoonotic Diseases 2011; Yasuj, Iran
 31. [Shamsi M](#), Bahrami A, Hoshmandfar R, Effect of Aloe vera plant extract on wound healing of cutaneous leishmaniasis in mice. 7th National Congress Zoonotic Diseases 2011; Yasuj, Iran
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