

## **Curriculum Vitae(Resume)**



**Department: Parasitology, Faculty: Medicine, University: Ilam**

**Personal information: Asad mirzaei**

Date of Birth: 31/05/1973 (1352/03/10)

Fax number:

Place of Birth: **Ilam-Iran**

Marital status: **Married**

Contact address:email: **amirzaeii@yahoo.com**

Tel:+989188416653

### **Academic education:**

-Ph.D. year    kind of PhD/University, Faculty, city

Medical Parasitology, 2011, Parasitology Department, Faculty of Medicine Shahid Beheshti University of Medical Science, Tehran-Iran.

Advisor: Dr. sohaila Rouhani, Dr. Parviz Parvizi

**-MSc. :** Medical Parasitology 2003, Parasitology Department, Faculty of Medicine, Joundi Shahpour University, Ahvaz-Iran.

**Advisor:** Dr. Abdollah Rafiei

**Thesis / Dissertations:**

PhD thesis entitle: Detection and determination of *Leishmania* species in rodents in endemic areas of Iran by molecular tools.

**Membership in societies:** Iranian Parasitology Society

**Current position:**

Assistant professor

Scientific member of Ilam University of Medical Science

**Work experience:**

Head of EDO of faculty of Medicine

Head of Ilam references laboratory.

Head of laboratory of Ilam Blood transfusion organization

**Research interests:**

Leishmaniasis and *Leishmania* reservoirs host, genetic polymorphism of *Leishmania*, Hydatid Cyst.

**Research projects:**

۱: بررسی فون میزبانان مخزن لیشمانیا ماژور و تعیین میزان آلودگی آنها در مناطق اندمیک ایران

2: Molecular tools for investigating leishmaniasis emergence in Fars province, Iran

This research project is funded by the WHO, involving Dr Paul Ready (NHM) and Dr. Parvin Afsar Kazerooni (Manager of Centre of Disease Control, Health Department, Shiraz University of Medical Science, Fars Province, Iran).

۳: اپیدمیولوژی مولکولی بیماری لیشمانیوز جلدی روستایی در کانون اندمیک ترکمن صحرا در استان

گلستان

**Research visits:**

6 month Scholarship for research and scientific visit in Institut für Mikrobiologie und Hygiene, Charite, Universität Medizin, Berlin, Germany.

**Workshop attendance:****Publications(Journals):****Domestic Journals:**

1. A Mirzaei, S Rouhani, PA Kazerooni, M Farahmand, P Parvizi. Molecular detection and conventional identification of Leishmania species in reservoir hosts of Zoonotic Cutaneous Leishmaniasis in Fars Province, South of Iran. Iranian Journal of Parasitology 2013, 8(2): 280-288.
2. J Abdi, S Shojaee, A Mirzaei, H Keshavarz. Seroprevalence of Toxoplasmosis in pregnant women in Ilam province, Iran. Iranian J. parasitology 2008:Vol 3, NO 2, PP.34-37.
3. Rafiei A, **Mirzaei A**, Jahanshahi AH, Talaeizadeh AH and Maraghi S. Evaluation of Echinococcus granulosus protoscolex antigen in human cystic echinococcus detection using ELISA and Western Blotting. Scientific Medical Research Journal. The seasonal medical research journal of Ahwaz Joundi Shahpur University of Medical Sciences 2005, 3;4:331-340.
4. Rafiei A, Lorgard Dezfulinehad M, **Mirzaei A**. Evaluation and comparison of hydatid cyst fluid and protoscolex antigens from different intermediate hosts and human by SDS-PAGE gelelectrophoresis and Western blotting. Journal of Ilam University of Medical Sciences.Spring 2005;13:1

۵. محمد رضا محمودی، جلیل توکلی افشار، مسعود مهاجری، عبدالمجید فتی، محمد جواد یزدان پناه، محمد تقی شاکری، اسد میرزائی. تعیین عامل لیشمانیازیس جلدی به روش مولکولی در شهر مشهد. مجله علمی دانشگاه علوم پزشکی ایلام ۱۳۸۹، دوره ۱۸ شماره ۲.

### **International journals:**

1. Mohammad-Reza Mahmoudia,b,c, Bahram Kazemib,d, Anita Mohammadihad, **Asad Mirzaei** and Panagiotis Karanis. Detection of Cryptosporidium and Giardia (oo)cysts by IFA, PCR and LAMP in surface water from Rasht, Iran. *Trans R Soc Trop Med Hyg* 2013;
2. Mohammad Akhoundi, Mehdi Mohebali, Mina Asadi, Kamyar Amraei, **Asad Mirzaei**. Molecular characterization of *Leishmania* spp. infection in animal reservoir hosts in endemic foci of zoonotic cutaneous leishmaniasis in Iran. *Folia Parasitologica* 2013
3. Mohammad Akhoundi<sup>1</sup>, **Asad Mirzaei**, Ahmad Baghaei, Bulent Alten, Jerome Depaquit Sand flies composition in the endemic and non-endemic foci of visceral leishmaniasis in north-western Iran. *Journal of Vector Ecology*. 2013;38:1, 97-104
4. **A. Mirzaei**, S. Rouhani, H. Taherkhani, M. Farahmand, B. Kazemi, M. Hedayati, A. Baghaei, B. Davari, P. Parvizi. Isolation and detection of *Leishmania* species among naturally infected *Rhombomis opimus*, a reservoir host of zoonotic cutaneous leishmaniasis in Turkmen Sahara, North East of Iran. *Experimental Parasitology* 2011; 129:375-380.

### **Papers presented in Symposiums or Congresses:**

#### **Domestic congress:**

1. **Mirzaei Asad\***, Rouhani Soheila, Parvizi Parviz. Detection and determination of *Leishmania* parasite in reservoir hosts of Leishmaniasis in Isfahan province using routine laboratory methods and molecular tools. 1<sup>st</sup> international and 8<sup>th</sup> national congress of Parasitology and parasitic diseases in Iran, 16-18 Oct, 2012, Kerman, Iran
2. Parvizi P\*, Najafzadeh N., **Mirzaei A.**, Baghaei A., Roshanghalb M., Rohani S., Taherkhani H. Identifying at least three *Leishmania* species in vectors, reservoirs and suspected patients of zoonotic cutaneous leishmaniasis in Turkmen Sahara, Iran, by

trgeting ITS-rDNA and microsatellite genes and phylogenetic analysis. Iran J Med Sci, September 2012, Vol 37, No 3, Supplement 1. Mashhad, Iran.

3. **Mirzaei A.** SchÖnian G, Rouhani S, Parvizi P. Identification of geographically distributed sub-populations of *Leishmania major* by Multilocus microsatellite analysis. 4<sup>Th</sup> Congresses of laboratory and Clinic, 21-23 December 2011, Tehran, Iran.
4. **A.Mirzaei**, P.Parvizi, S. Rouhani, A., HA. Taherkhani, M.Hedayati. Evaluation of *Leishmania* infection in *Rhombomis opimus* as a main reservoir host of Cutaneous leishmaniasis in Turkemen sahra, Iran. 11th Iranian Microbiology Congress & 1th East Mediterranean Microbiology Congress, 10-13 May 2010. Guilan University of Medical Science- Iran.
5. P. Parvizi , M. hedayati , S. Rouhani, **A. Mirzaei**, M. Asmar. First detection of *Leishmania* parasite in *M. lybicus* reservoir of Zoonotic Cutaneous Leishmaniasis in Turkemen Sahara,(Golastan province). 11th Iranian Microbiology Congress & 1th East Mediterranean Microbiology Congress, 10-13 May 2010. Guilan University of Medical Science.
6. Parviz Parvizi, Fereshte Ahmadpour, Elnaz Alae Novin , **Asad Mirzaei**, Mojtaba Hedayati.(2010). Detection process of *Leishmania* parasite in reservoir host o f leishmaniasis in Fers Province using three routine laboratory methods and by Nested PCR of ITS-DNA gene. 11th Iranian Microbiology Congress & 1th East Mediterranean Microbiology Congress, 10-13 May 2010. Guilan University of Medical Science.
7. P. parvizi, E. Alae Novin, M. Akhoundi, **A. Mirzaei**, F. Fardid and M. Hedayati.(2009).Detection and Identification of three *Leishmania* species, *L. major*, *turanica* and *gerbilli* using Nested-PCR and sequencing of ITS-rDNA in Iranaia sand flies.the 6th National Biotechnology Congress of Iran. 13-15 aug, 2009, Milad Tower Conference HALL, Theran-Iran. Poster Presentation.
8. M. Hedayati, p.parvizi, **A.Mirzaei**, F.Fardid. Isolation of *Leishmania major* parasites from reservoirs of Zoonotic cutaneous leishmaniasis in Turkaman Sahra foci, using kDNA and ITSr-DNA Gene. the 6th National Biotechnology Congress of Iran. 13-15 aug, 2009, Milad Tower Conference HALL, Theran-Iran. Poster Presentation.

۹. محمدرضا محمودی، علی حقیقی، نیلوفر تقی پور، آیتا محمدیها، اسد میرزائی(۱۳۸۳). آمیبیازیس: شناسائی انتاموبا هیستولیتیکا در منابع آبی. بیست و یکمین کنگره بیماری های گرمسیری و عفونی ایران. ۳۰ دی ماه لغایت ۴ بهمن ۱۳۹۱، تهران، ایران.
۱۰. دکتر رفیعی عبدالله، میرزائی اسد، دکتر جهانشاهی عبدالهادی، دکتر طلایی زاده عبدالحسین، دکتر مراغی شریف و پروفیسور کریج(۱۳۸۳). تشخیص سرولوژیکی کیست هیداتیک و کاربرد آنتی ژن های متفاوت. کنگره آزمایشگاه های گذشته، حال، آینده. ۲۸-۲۳ خردادماه ۱۳۸۳، تهران مرکز همایش های رازی. سخنرانی.

11. Rafiei A., **Mirzaei A.**, Jahanshahi AH., Talaeizadeh AH., and Maraghi

S.Criag(2004).serologic diagnosis of Hydatid cyst and different antigens applied. Past, present & future laboratory congress. Spring 2004. Razi Hall, Tehran-Iran. Oral presentation.

#### **International congress:**

1. P. Parvizi, M. Hedayati, E. Alae Novin, A. Mirzaei, P. Afsar Kazerooni, F. Ahmadipour(2010). Detection process of *Leishmania* parasite in reservoir host of leishmaniasis in Fers Province using three routine laboratory methods and by Nested PCR of ITS-DNA gene. XII International Congress of Parasitology, ICOPA 15-20 August, 2010 - Melbourne, Australia.
2. P. Parvizi, M. Hedayati, **A. Mirzaei**, H. Taherkhani, M. Farahmand (2010). First detection of *Leishmania* parasite in *M. lybicus* reservoir host of zoonotic cutaneous leishmaniasis in Turkemen Sahara( Golestan province). XII International Congress of Parasitology, ICOPA 15-20 August, 2010 - Melbourne, Australia.
3. **A. Mirzaei**, P. Parvizi, S Rouhani, M. Hedayati, H. Taherkhani.E. Alae Novin(2010). Evaluation of *Leishmania* infection in *Rhobomis opimus* as a main reservoir host of zoonotic cutaneous leishmaniasis in Turkemen sahara, Iran. XII International Congress of Parasitology, ICOPA 15-20 August, 2010 - Melbourne, Australia.
4. E. Alae Novin, P. Parvizi, **A. Mirzaei**, M. Hedayati, P. Afsar Kazerooni, S. Rouhani(2010). Detection process of *Leishmania* parasite in reservoir host of

leishmaniasis in Fers Province using three routine laboratory methods and by Nested PCR of ITS-DNA gene. International Journal of Infectious Diseases, Vol. 14, Suppl. 2, July 2010

5. M. Hedayati, E. Alaei Novin, P. Parvizi, **A. Mirzaei**, H. Taherkhani, S. Rouhani(2010). First detection of *Leishmania* parasite in *M. lybicus* reservoir host of zoonotic cutaneous leishmaniasis in Turkemen Sahara( Golestan province). International Journal of Infectious Diseases, Vol. 14, Suppl. 2, July 2010
6. P. Parvizi, **A. Mirzaei**, S Rouhani, M. Hedayati, H. Taherkhani(2010). Evaluation of *Leishmania* infection in *Rhobomis opimus* as a main reservoir host of zoonotic cutaneous leishmaniasis in Turkemen sahara, Iran. International Journal of Infectious Diseases, Vol. 14, Suppl. 2, July 2010
7. S. Maraghi, **A. Mirzaei**, M. Lorgard Dezfulinejad, A. Hemadi (2004). study the parasitic infection of Bat in Ahvaz city south-west part of iran. 1X European Multicolloquium of Parasitology, Valencia Congress. Valencia-Spain.Oral Presentation.
8. Rafiei A., **Mirzaei A.**, Jahanshahi AH., Talaeizadeh AH., and Maraghi S.(2004).Evaluation of Echinococcus granulosus protoscolex Antigen in serodiagnosis of human Hydatidosis using ELISA and Westerblot.The XXIst International Congress of Hydatidology. 16-21 Aug 2004. Nairobi-Kenya. Oral presentation.

**Book:**

**Awards:**

**Foreign languages proficiency:**

- Persian
- English

**Hobbies:**