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Date and place of Birth: 1954, Shiraz, Iran

**Educational Background:**

1. D.V.M, 1984, from Shiraz University, Shiraz, Iran.
2. Ph.D in Parasitology, Mycology 1989, from School of Public Health, Tehran University of Medical Sciences, Tehran Iran.
3. Certificate in Molecular Diagnosis of infectious diseases, 1994, from Liverpool School of Tropical Medicine, University of Liverpool, UK
- 4-Six months training on Cloning and Sequencing, 2003, in Queensland Institute of Medical Research Center, Brisbane, Australia.
- 5- Eight months (2011-2012) sabbatical duration on Drug development and Bioinformatics in Seattle Biomedical Research Institute, USA

**Teaching Experience:**

Teaching Parasitology and Mycology to undergraduate, postgraduate students such as:  
(Medical, Dentistry, Pharmacy, Para clinical, Nursery, Nutrition, MSc and PhD)

**Academic and professional experience**

**Professor of Parasitology, Mycology** Department from 2006

**Head of Department** from 2006 till 2010 and from 2016 till now

**Registrar of Admission and Record Office**, Shiraz University of Medical Sciences. From 1990-1993

**Assistance educational** of Department of Parasitology, Mycology for Four Years (2004-2008)

**Member of Editorial Board** of Iranian Veterinary Research Journal for three years (2005-2008)

**Members of** Editorial Board of integration in basic medical sciences of Shiraz School of Medicine from may 2009 till now

**Members of** Editorial Board of Postgraduate of Shiraz University of Medical Sciences from 2008 till 2010 and 2013 till now

**Director of Research center** for Parasitology, Mycology from 2008 till 2010

**Director of Laboratory Scientists Association** of Fars Province of Iran from June 2008 till now

**Member of Medical Council, IR. Iran** from 17years ago

**Director of Academic Staff Association** of Shiraz University of Medical Sciences from 2005 till now

## Laboratory and Research Experience:

- 1-Diagnosis and Identification of parasitic diseases
- 2-application of Molecular methods such as PCR, RFLP-PCR and Real Time for Diagnosis and gene amplification in Protozoan diseases especially Leishmaniasis, Amoebiasis, Giardiasis, toxoplasmosis and Malaria
- 3-Studies on genomic diversity among Leishmania parasites.
- 4-Search on Iran Traditional Medicine for treatment of Mycosis, Giardiasis and Leishmaniasis
- 5-Studies on Genomic characterization of Leishmania parasites
- 6-Research on mechanisms of drug resistance in leishmania parasites.
- 7-Study on leishmania genome using Next Generation Sequencing

## Publication:

Book: Gholamreza Hatam GHR, Ardehali S, Motazedian MH, Sadjjadi SM, Fakoorziba MR. The methods of isolation and characterization of Leishmania parasites. 2006. published by Shiraz University of Medical Sciences.

1-**H.Motazedian** H.Noys R.Maingon: Leishmania and sauroLeishmania: The use of Random Amplified Polymorphism DNA for the identification. Experimental parasitology: 1996, No.1, p.150-154

2-Sharifi, I.Ardehali, S.**Motazedian**, **H**: Diagnosis, Identification and characterization of Leishmania isolates in school children in Bam, southeastern Iran. Iranian J Medical Sciences, 1997:23, No1&2, p.82-88

3-**H.Motazedian** and M.Rezaein: studies on extraintestinal amebiasis by IFA, Iranian J of Public Health. 2000. 29(4), 60-65

4-H.Jazayeri, **H.Motazedian** and Emami, M: Genomic linkage of Iranian clinical isolates of Dermatophytes Fungi using the RAPD-PCR, Iranian Biomedical Journal. 2000, 4 (4) p123-128

5-Y.Rassi, M.Jallali, E.Javadian, **MH Motazedian**: Conformation of Meriones libicus (Rodentia, Gerbillidae) as the Main Reservoir Host of zoonotic cutaneous leishmaniasis in Arsanjan. Iranian J Publ Health. 2001, V(30)N(3-4)P:143-144

6-**H.Motazedian** B.Noamanpoor,S.Ardehali:Characterization of Leishmania Parasites isolated from different provinces of Iran: Eastern Mediteranian Health Journal, 2002 ,Vol 8,No 2/3 ,p338-344

7-**H.motazedian**,M..Karamian,H.Noys,S.Ardehali:DNA extraction and amplification of leishmania from archived, Giemsa-stained slides, for the diagnosis of cutaneous leishmaniasis by PCR Annals of Tropical Medicine and Parasitology. 2002,96(1),p31-34

8-A.Safaei, **H.Motazedian**, **M.Vasei**: Polymerase chain reaction for diagnosis of Cutaneous Leishmaniasis in histologically positive, suspicious and negative skin biopsies.2002, *Dermatology* 205 (1), pp. 18-24

9-Mohebali M, **Motazedian MH**, Parsa F, Hajjaran H, Yaghoobi Ershadi MR:Identification of Leishmania species from different parts of Iran using a random amplified polymorphic DNA in humans, animal reservoirs and vectors.Medical Journal of the Islamic Republic of Iran. 2002,15(4) p243-246

10- Haghghi MA, **Motazedian MH**, Alyasin F, Ghane Shirazi R:Molecular epidemiology of Tuberculosis using RAPD-PCR in Fars province, Iran ,Iranian South Medical Journal 1381;2(5): 111-103

11- Moaddeb A, Alborzi AV, Behbahani AB, Shahian Jahromi F, **Motazedian MH**Early diagnosis of visceral Leishmaniasis by using polymerase chain reaction method on whole blood. Scientific Journal of Hamadan University of Medical Sciences & Health Services 1382;(10): 21-16

12-Bahrinienajafi R, **Motazedian MH**, Azadbakht M. In Vitro study of some plant essential oils on Giardia cyst comparison with metronidazol.Isfahan university research bulletin.2003, No (2), P199-206

13- **Motazedian MH**, Karamian M, Ardehali S, Handjani F:Characterization of Leishmania parasites from archived Giemsa-stained slides using nested polymerase chain reaction Journal of Medical Research.1383;4(2): 9-1

14-Sarkari B, Reza Nejad H, Hatam Gh.R, **Motazedian MH**, Mir Jalili A. An in vitro study on virulence of Leishmania parasite isolated from cutaneous Leishmaniasis patients.

15- Rassi Y, Javadian E, Nadim A, Zahraei A, Vatandoost H, **Motazedian H**, Azizi K, Mohebbi M: *Phlebotomus (larroussius) kandelakii* the principal and proven vector of visceral leishmaniasis in North West of Iran. *Pakistan J of Biological Sciences*, V8, 2005

16- Sahebani N, Akhlaghi L, Urmazdi H, Hatam GH, **Motazedian MH**: Examination and separation of zymodemes of *Entamoeba histolytica* and *Entamoeba dispar* in the south of Iran. *Iranian South Medical Journal*, 2005, 2(7), 107-112

17- Sahebani N, Akhlaghi I, Urmazdi H, Hatam GR, **Motazedian MH**: The survey about accuracy of diagnostic methods of *Entamoeba histolytica* from *E. dispar* in paraclinical laboratories. Accepted for publication in: *Iranian south Medical Journal*

18- **Motazedian MH**, Mehrabani D, Oryan A, Asgari Q, Karamian M: Life cycle of cutaneous leishmaniasis in Larestan, southern Iran. *Iranian Journal of Clinical Infectious Disease* 2006, 1(3), 137-143

19- Jafari Shourijeh, S., Tamadon, A., Fakhar, M., **Motazedian, M.H.**, Bigham, A., Asghari, Q. First report of visceral leishmaniasis in a German shepherd dog in Fars Province, Southern Iran. 2006, *Comparative Clinical Pathology* 15 (4), pp. 267-269

20- Asgari, Q., Fakhar, M., **Motazedian, H.** **Nomadic Kala-azar in South of Iran.** 2006 *Iranian Journal of Public Health* 35 (3), pp. 85-86

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- 44- Rassi Y., Ghassemi MM., Javadian E., **Motazedian H.**, Rafizadeh S., Aghaie Afshar A., Rafinejad J., Jalali M. Determination of Reservoir(s) and Vector(s) of Cutaneous Leishmaniasis by Nested-PCR in Marvdasht District, Fars Province, Southern Iran *JOURNAL OF KERMAN UNIVERSITY OF MEDICAL SCIENCES* 2007;2(14): 134-139
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*Asian Journal of Animal and Veterinary Advances*, (2011) 6 (3), pp. 255-264

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### **Presentation:**

Participation in many different congress.