

Curriculum Vitae

PERSONAL INFORMATION

Surname(s): Saberi
Given Name(s): Sedigheh
Date of Birth (mm-dd-yyyy): 23-07-1966
Sex: Female
Place of Birth: Isfahan, Iran
Citizenship: Iranian
Marital status: Married, 1 Child
Present mailing address: No.23, Kian Building, Shemshad blind, Bahar alley, Bagheziar Ave.,
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Academic Qualifications

Degree title: Ph.D

Field of study: Medical Parasitology

City/Country: Isfahan University of Medical Sciences, Isfahan, Iran

Dates of education (mm-dd-yyyy): from 03-02-2009 until 03-08-2014

Dissertation: *The evaluation of gene expression of predominant cytokines in Glucantime resistant Zoonotic Cutaneous Leishmaniasis in vitro and Balb/c model. 2012-2014 (Proj No: 391041)*

Degree title: Master's degree

Field of study: Medical Parasitology

City/Country: Isfahan University of Medical Sciences, Isfahan, Iran

Dates of education (mm-dd-yyyy): from 04-02-1995 until 12-11-1997

Thesis: Prevalence of cutaneous leishmaniasis in Zeinabieh area of Isfahan.1996-1997

Degree title: Bachelor's degree

Field of study: Public Health

City/Country: Isfahan University of Medical Sciences, Isfahan, Iran

Dates of education (mm-dd-yyyy): from 04-02-1989 until 22-09-1991

Degree title: Associate degree

Field of study: Public Health

City/Country: Jondishapour university of medical sciences, Ahvaz Iran

Dates of education (mm-dd-yyyy): from 23-09-1985 until 09-06-1987

Employment History

Title of position: Assistant professor
Dates of Employment (mm-dd-yyyy): from from 23-06-2018 until Now
Employer: Isfahan University of Medical Sciences
Street Address 1: Hezar Jerib Street
Street Address 2:
City: Isfahan
State/Province: Isfahan
Postal Zone/Zip Code: 8174673461
Country/Region: Iran
Telephone Number: +98 (31) 37923131

Title of position: Laboratory expert (senior)
Dates of Employment (mm-dd-yyyy): from from 13-05-2007 until 23-06-2018
Employer: Isfahan University of Medical Sciences, (Faculty if Medicine, Department of Parasitology & Mycology)
Street Address 1: Hezar Jerib Street
City: Isfahan
State/Province: Isfahan
Postal Zone/Zip Code: 8174673461
Country/Region: Iran
Telephone Number: +98 (31) 37923131

Title of position: Laboratory expert
Dates of Employment (mm-dd-yyyy): from from 19-03-2006 until 11-05-2007
Employer: Isfahan University of Medical Sciences(Skin Diseases and Leishmaniasis Research Center)
Street Address 1: Khorram St., Hazrat Sedigheh Tahereh Comprehensive Rehabilitation and Medical Center.
City: Isfahan
State/Province: Isfahan
Postal Zone/Zip Code: 81876-98191
Country/Region: Iran
Telephone Number: +98 (31) -33373736

Title of position: Lboratory expert
Dates of Employment (mm-dd-yyyy): from from 12-06- 2002 until 18-03-2006
Employer: Isfahan University of Medical Sciences (Health and treatment network of Lanjan town)
Street Address 1: Lanjan town (Shariati St)
Street Address 2:
City: Esfahan
State/Province: Isfahan
Postal Zone/Zip Code:
Country/Region: Iran
Telephone Number: +98(031)52232545

Title of position: Health expert
Dates of Employment (mm-dd-yyyy): from from 06-01-1992 until 23-09-1997
Employer: Isfahan University of Medical Sciences (Health and treatment network of Lanjan town)
Street Address 1: Lanjan town (Shariati St)
Street Address 2:
City: Isfahan
State/Province: Isfahan

Postal Zone/Zip Code:
Country/Region: Iran
Telephone Number: +98(031)52232545

Title of position: Family Health Associate
Dates of Employment (mm-dd-yyyy): from from 01-01-1991 until 05-01-1992
Employer: Isfahan University of Medical Sciences (Health and treatment network of Lanjan town)
Street Address 1: Lanjan town (Shariati St)
Street Address 2:
City: Isfahan
State/Province: Isfahan
Postal Zone/Zip Code:
Country/Region: Iran
Telephone Number: +98(031)52232545

Title of position: Family Health Associate
Dates of Employment (mm-dd-yyyy): from from 22-02-1988 until 22-02-1989
Employer: Isfahan University of Medical Sciences (Health and treatment network of Falavarjan town)
Street Address 1: Falavarjan town
Street Address 2:
City: Isfahan
State/Province: Isfahan
Postal Zone/Zip Code:
Country/Region: Iran
Telephone Number: +98(031)3742 1101

Teaching Experiences

Medical Parasitology, Working with laboratory animals

Dates of teaching (mm-dd-yyyy): from 23-09-2007 until now
Employer: Isfahan University of Medical sciences, Isfahan, Iran
Students of: Medicine, Dentistry, Pharmacology, Nursery, Medical laboratory sciences, Midwifery, operating room, Environmental & Public health, medical emergencies, MSc students (Medical Parasitology, Medical Mycology Anatomy and dissection sciences) and PhD students (Medical Parasitology, tissue engineering, Anatomy and dissection sciences).

Professional Skills

Preparation of culture medium, preparation of laboratory samples, Preparation of direct smear laboratory sample from Leishman's ulcer and microscopic diagnosis of Leishman's body, culture of parasites such as Leishmania, cell culturing, working with the laboratory mouse model of BALB/ C, Types of injections such as intradermal, subcutaneous, intramuscular and intravenous (in humans and the laboratory model of BALB/ C), DNA extraction, PCR, Real-time PCR.

Research experiences

A- Reviewing articles: in scientific journals such as Journal of Parasitic Diseases, Tarbiat Modares university journal, Jundishapur journal of Microbiology, Research in Pharmaceutical Sciences, Dental research journal, Research journal of Pharmacognisys, Journal of Dermatological Treatment, Journal of Isfahan Medical School

B- Thesis Supervisor

B-1- Doing

1. Saeid Rahim (Ph.D of Medical Parasitology), (Thesis number...) Title: Design, manufacture and validation of Leishmania major transgene parasite by removing the trypanothione reductase gene and replacing the expression cassette of thymidine kinase.2023
2. Mahsa Alemomen. (General Doctor of Pharmacy), (Thesis number: 399358) Title: Preparation and evaluation of nanofibers containing sorafenib for topical treatment of cutaneous leishmania. 2023
3. Elham Maleki (MSc of Medical Parasitology), (Thesis number: 3991035), Title: Survey and comparison of antileishmaniasis effect of hydroalcoholic extracts of leaves, roots and seeds of Arctium lappa .2023

B-2- Finished

1. Sara Shahriyar (General Doctor of Pharmacy), (Thesis number: 398152) Title: Preparation of dextran nanomicelles containing itraconazole and evaluation their effects on promastigote and amastigote of cutaneous Leishmania. 2021
2. Behnaz Jeddi charvadeh (General Doctor of Pharmacy), (Thesis number: D28-98/11) Title: Design, synthesis and evaluation of antileishmanial effects of novel six-membered heterocyclic nitrogen compounds(Jointly with Ardabil University of Medical Sciences).2020.
3. Mahdiah Khalilzadeh (General Doctor of Pharmacy), (Thesis number: D41-99/4) Title: synthesis and evaluation of antileishmanial effects of new 1,4-dihydropyridin derivatives. (Jointly with Ardabil University of Medical Sciences).2020
4. Mahsa Heydari (General Doctor of Medicine), (Thesis number: 3991035), Title: Evaluating and comparing of the Cutaneous Leishmaniasis situation in six main focus of disease in Isfahan province during 2008 to 2018. 2019
5. Mojgan Saeedi (General Doctor of Pharmacy), (Thesis number: 397308). Synthesis and investigation of anti-leishmanial effect of thiadiazole derivatives substituted in region 2 and 5. 2019
6. Sakineh Akbari (MSc of Medical Parasitology), (Thesis number: 396592), Title: The Study of theantileishmanial effectof Ganoderma lucidum ethanol extract on Leishmania major compared with Glucantime In vitro and In vivo. 2018
- 7- Mahtab Babei (MSc of Medical Parasitology), (Thesis number: 315), Title: The study on effect of Matthiola incana and Menta pulegium hydroalcoholic extracts on Leishmania major in vitro condition and BALB/c mice. (Jointly with Shahrekord University of Medical Sciences). 2018

C- Thesis Advisor

C-1- Doing

1. Zahra Roholamini (MSc of Biothechnology), (Thesis number), Title: Evaluation of Trehalose and Niclosamide, alone and in combination against *Leishmania major* in vitro. 2023
2. Tayebe Karimi (Ph.D of Medical Parasitology), (Thesis number: 58600) Title: Investigation of the frequency of senescent CD8+ T cells in the peripheral blood of cases with cutaneous leishmaniasis and the effect of dasatinib rejuvenating on these cells.
3. Hajar Shabandoust (Ph.D of Medical Parasitology), (Thesis number: 3400769) Title: Evaluation of inhibitory and therapeutic effect of hydroalcoholic extract of soft coral *Sinularia polydactyla* and its

four fractions on *Leishmania major* in vitro and animal models.

4. Sanaz Tavakoli (Ph.D of Medical Parasitology), (Thesis number: 399433) Title: Evaluation of the effect of titanium dioxide nanoparticles loaded with glucantime on *Leishmania major* (MRHO /IR /75/ER) in vivo . 2023

5. Nahal Najafi (General Doctor of Pharmacy), (Thesis number: 199300) Title: Bioassay guide Isolation, purification and determination of phytochemicals from *padina pavonica* based on in-vitro antileishmanial effects of fractions against *Leishmania major*. 2023

C-2- Finished

1. Sara Abdeyazdan (General Doctor of Pharmacy), (Thesis number: 198249) Title: Bioassay guide Isolation, purification and determination of phytochemicals from *Artemisia khorasanica* based on in-vitro antileishmanial effects of fractions against *Leishmania major* 2022.

2. Mahsa Esmailifalah (Ph.D of Medical Parasitology), (Thesis number: 397783) Title : Evaluation and comparison of rabbit antisera effects against infected murine macrophages with standard *Leishmania major* plus Pep3 in vitro and in vivo. 2022

3. Ghazaleh Mahabadi (MSc of Medical Parasitology), (Thesis number: 397255) Title: A Survey on effects of Mometasone and Prednisolone on IL-12 and IL-4 levels in BALB/c mice infected by *Leishmania major*. 2020

4. Behzad Zahed (MSc of Medical Mycology), (Thesis number:394635) Title: Detection causes of vaginal candidiasis and determine the dominant species using molecular methods compared with conventional in Kermanshah city. 2017

5. Zeynab Zarabi (General Doctor of Pharmacy), (Thesis number: 395497) Title: Synthesis and comparison of anti *leishmania major* activity of antimony and iron complexes of 3-hydroxy pyran-4-one and 3-hydroxy pyridine-4-one as bi-dentate ligands. 2019

6. Hamidreza Mardani (MSc of Medical Parasitology), (Thesis number307) Title: A Study on the effect of hydroalcoholic extract of *Cornus mas* and *Punica granatum* peel and linn on *Leishmania major* invitro condition and wounds in BALB/c mice. 2018

7. Vafa Sheikmoradi, (MSc of Medicinal Chemistry), (Thesis number: 395939). Synthesis and anti-leishmanial evaluation of some NO releasing antimony organometallic derivatives. 2017

8. Bahar Arbabi (General Doctor of Pharmacy), (Thesis number:). Title: Preparation and in vitro evaluation of titanium dioxide nanoparticles loaded with glucantime on Promastigote and Amastigote Forms of *Leishmania major*. 2016

9. Zahra Moosavi (General Doctor of Medicine), (Thesis number: 387182), Title: Study on Inhibitory Activity of Propolis Alcoholic Extrat on Opportunistic Fungi In-vitro. 2007

10. Shaghayegh Sayareh (General Doctor of Medicine), (Thesis number: 385529), Title: The incidence of palpebral leishmaniasis and its ocular effects in the patients who were referred to the Skin Disease and Leishmaniasis Research Center of Isfahan,Iran. 2008

D- Free research project

D-1- As a Principal Researcher

1. **Saberi Sedigheh**. (Project number: 288264) Title: The evaluation of fauna and probable infection of rodents with cutaneous Leishmaniasis in northern Baraan region in Isfahan. 2009-2010. 2011

D-2-- As a Participant:

1. Hejazi Seyed Hossein, Khanahmad Hossein, **Saberi Sedigheh**, et al. (Project number: 55267) Title: Evaluation of the effect of phytohemagglutinin, parasite body lysates, and paraquate in *Leishmania major* (MRHO / IR / 75 / ER) mouse model.
2. Tavakoli Sanaz, Pestechian Nader, **Saberi Sedigheh**. (Project number: 53297) Title: Treatment of cutaneous leishmaniasis with a gel containing glucantime-loaded titanium dioxide nanoparticles and its comparison with injectable drug in vivo
3. Yousofi Hossein, **Saberi Sedigheh**, Mahbobeh Hadipour, et al. (Project number: 52913) Title: Rapid diagnosis of cutaneous leishmaniasis using nano particles coated with specific antibodies in patients referred to Isfahan Salak Resaerach center
4. Barouti Rashid, Pestechian Nader, **Saberi Sedigheh** (Project number: 15960) Title: Epidemiological Study of Cutaneous Leishmaniasis (CL) in Ardestan town during 1391- 1397 and detect of Vectors and Reservoir's characteristics.
5. Nilforoushzadeh Mohammad ali, Shirani-Bidabadi Leila, **Saberi Sedigheh**, et al. (Project number: 984/423/J) Title: Efficacy of Integrated Pest Management Method on Zoonotic Cutaneous Leishmaniasis in Emamzadeh Agha –Ali Abbas Foci, Natanz County, Isfahan, Iran 2006-2010. (Tehran University of Medical Science).
6. Motamedi Neda, Zamani Ahmadreza, **Saberi Sedigheh**, et al. (Project number: 386367) Title: The Evaluation of Efficacy of Health Education and Insect Replacement Stick (Deet) In Improving the Preventional Behavior About Cutaneous Leishmaniasis in Shahid Babaei Military Base. Isfahan. 2007-2008.

E- Published Papers

1. Khalilzadeh, M., **Saberi, S.**, Noori, G. *et al.* Synthesis, biological assessment, and computational investigations of nifedipine and monastrol analogues as anti-leishmanial *major* and anti-microbial agents. *Mol Divers* (2022). <https://doi.org/10.1007/s11030-022-10569-4>
2. Ali-Reza Rezaei, **Sedigheh Saberi** & Saghie Sepehri (2022) Synthesis, Antileishmanial Activity and Molecular Docking Study of a Series of Dihydropyridine Derivatives, Polycyclic Aromatic Compounds, DOI: [10.1080/10406638.2022.2092877](https://doi.org/10.1080/10406638.2022.2092877)
3. Heydari, M., Pestehchian, N., **Saberi, S***, Fadaei, R. Evaluation of the 11-Year Trend of Cutaneous Leishmaniasis in Six Main Foci of the Disease in Isfahan Province during the Years 2008 to 2018. *Journal of Isfahan Medical School*, 2022; 40(691): 818-824. doi: 10.48305/jims.v40.i691.0818
4. Alemomen, M., Taymouri, S., **Saberi, S.** *et al.* Preparation, optimization, and in vitro–in vivo evaluation of sorafenib-loaded polycaprolactone and cellulose acetate nanofibers for the treatment of cutaneous leishmaniasis. *Drug Deliv. and Transl. Res.* (2022). <https://doi.org/10.1007/s13346-022-01250-2>
5. Abdeyazdan S, Mohajeri M, **Saberi S**, Mirzaei M, Ayatollahi S A, et al. Sb(V) Kaempferol and Quercetin Derivative Complexes: Synthesis, Characterization and Antileishmanial Activities. *Iran J Pharm Res.* 2022;21(1): e128379. <https://doi.org/10.5812/ijpr-128379>.

6. Mahsa Esmailifallah, Hossein Khanahmad, Zahra Ghayour, Sedighe Saberi, Reza Kalantari & Seyed Hossein Hejazi (2022) Evaluation of the antileishmanial effect of polyclonal antibodies and cationic antimicrobial peptides, *Pathogens and Global Health*, DOI: [10.1080/20477724.2022.2101838](https://doi.org/10.1080/20477724.2022.2101838).
7. Maryam Fattahian, Mustafa Ghanadian, Behzad Zolfaghari, Sara Abdeyazdan, Sedigheh Saberi, Fazila Zulfiqar, Ikhlas A. Khan & Zulfiqar Ali (2022) Phytochemical study of *Seriphidium khorassanicum* (syn. *Artemisia khorassanica*) aerial parts: sesquiterpene lactones with anti-protozoal activity, *Natural Product Research*, DOI: [10.1080/14786419.2022.2102630](https://doi.org/10.1080/14786419.2022.2102630)
8. Mahmoudi M., Shabani M., Dehdast S.A., **Saberi S.**, Elmi T., Chizari Fard Gh., Tabatabaie F., Akbari S. The Characterization and Antileishmanial Evaluation on Leishmania Major with Chitosan/Zno Bio-Nanocomposite as Drug Delivery Systems. *Nanomed Res J*, 2022; 7(2): 140-149. DOI: 10.22034/nmrj.2022.02.003
9. Seyed Hossein Hejazi, **Sedigheh Saberi**, Reza Arjmand, Simindokht Soleimanifard The study of P-glycoprotein A, G-glutamylcysteine synthetase 1, and aquaglyceroporin 1 genes expression in non-healing zoonotic cutaneous leishmaniasis cases. *J Shahrekord Univ Med Sci*. 2021;23(4): 162-167. doi: 10.34172/jsums.2021.27
10. Jeddi, B., **Saberi, S.**, Menéndez, J.C. et al. Synthesis and Biological Evaluation of Tetrahydropyrimidine and Dihydropyridine Derivatives Against Leishmania Major. *Acta Parasit*. 67, 255–266 (2022). <https://doi.org/10.1007/s11686-021-00457-6>
11. Sara Shahriyar, Somayeh Taymouri, **Sedigheh Saberi**, Parvin Asadi & Majid Tabbakhian (2021) Preparation and characterization of itraconazole loaded nanomicelles based on dextran–behenic acid for cutaneous leishmaniasis treatment, *Drug Development and Industrial Pharmacy*, 47:3, 416-428, DOI: [10.1080/03639045.2021.1890112](https://doi.org/10.1080/03639045.2021.1890112)
12. H Mardani, B Khalili, **S Saberi**, Z Lorigooini, M Ghaderi, R Abdizadeh Effect of hydroalcoholic extracts of flower and fruit peel of Punica granatum on Leishmania major promastigotes in vitro. *Advanced Herbal Medicine*. Summer and Autumn 2020; 6(2): 32-48.
13. Mahabadi, G., **Saberi, S.**, Hejazi-Dehaghani, S. H., Ghayour najafabadi, Z. The Effects of Prednisolone and Mometasone on Wound Healing Caused by Leishmania Major in Balb/c Mice. *Journal of Isfahan Medical School*, 2020; 38(580): 415-421. doi: 10.22122/jims. v38i580.12405. (Farsi with an Abstract in English).
14. Hassanzadeh F, Jafari E, Saeedi M, **Saberi S.** Synthesis and evaluation of thiadiazole-based antileishmanial agents. *J Rep Pharma*. 2020 9(2). 189-195. <https://www.jrpsjournal.com/text.asp?2020/9/2/189/297350>
15. Zarrabi Z, Saghaie L, Fassihi A, Pestechian N, **Saberi S***. Synthesis and comparison of anti-*Leishmania major* activity of antimony and iron complexes of 3-hydroxypyran-4-one and 3-hydroxypyridine-4-one as bi-dentate ligands. *J Rep Pharma Sci* .2020:9(2).177-182. <https://www.jrpsjournal.com/text.asp?2020/9/2/177/297352>
16. Akbari, S., Chabavizadeh, J., Abtahi, S. M., Yegdaneh, A., Namdar, F., **Saberi S***. Evaluation of Antileishmanial Effect of Hydroalcoholic Extract of Ganoderma Leucidum on Leishmania Major in Vitro. *Journal of Isfahan Medical School*, 2019; 36(511): 1628-1634. doi: 10.22122/jims. v36i511.10896. (Farsi with an Abstract in English).
17. Jaleh Varshosaz, Bahar Arbabi, Nader Pestehchian, **Sedigheh Saberi**, Mahdi Delavari. Chitosan-titanium dioxide-glucantime nanoassemblies effects on promastigote and amastigote of Leishmania major. *International Journal of Biological Macromolecules*. Volume 107, Part A, 2018: 212-221, <https://doi.org/10.1016/j.ijbiomac.2017.08.177>.

18. Sheikmoradi V, **Saberi S**, Saghaei L, Pestehchian N, Fassihi A. Synthesis and antileishmanial activity of antimony (V) complexes of hydroxypyranone and hydroxypyridinone ligands. *Res Pharm Sci*. 2018 Apr;13(2):111-120. doi: 10.4103/1735-5362.223793. PMID: 29606965; PMCID: PMC5842482.
19. Mohajeri M, Saghaei L, Ghanadian M, **Saberi S**, Pestehchian N, Ostadhusseini E. Synthesis and in vitro Leishmanicidal Activities of Six Quercetin Derivatives. *Adv Biomed Res*. 2018 Apr 24; 7:64. doi: 10.4103/abr.abr_76_17. PMID: 29862213; PMCID: PMC5952540.
20. Soleimanifard S, Arjmand R, **Saberi S**, Salehi M, Hejazi SH. Treatment Outcome of the Drug-resistant Zoonotic Cutaneous Leishmaniasis by Glucantime. *Adv Biomed Res*. 2017 Mar 1; 6:17. doi: 10.4103/2277-9175.201329. PMID: 28349020; PMCID: PMC5353763.
21. Zahed BE, Chabavi-Zadeh JA, **Saberi S**, Dehghan PA. The matching rate of the frequency of the isolated *Candida* species calculated by morphological and molecular methods in patients with vaginitis. *Journal of Isfahan Medical School*. 2017;35(445):1126-32. (Farsi with an Abstract in English).
22. **Saberi S**, Arjmand R, Khamesipour A, Nilforoushzadeh MA, Sayareh S, Hejazi SH. Identification of etiologic agents of cutaneous Leishmaniasis in palpebral position followed by effective therapy. *J Edu Health Promot [serial online]* 2017 6:44. Available from: <https://www.jehp.net/text.asp?2017/6/1/44/207517>
23. Kermani EK, Sajjadi SE, Hejazi SH, Arjmand R, **Saberi S**, Eskandarian AA. Anti-Leishmania Activity of Osthole. *Pharmacognosy Res*. 2016 Mar;8(Suppl 1): S1-4. doi: 10.4103/0974-8490.178650. PMID: 27114685; PMCID: PMC4821100.
24. **Saberi S**, Arjmand R, Soleimanifard S, Khamesipour A, Hosseini SM, Salehi M, Varshosaz J, Palizban AA, Hejazi SH. In vivo/In vitro immune responses to *L. major* isolates from patients with no clinical response to Glucantime. *Adv Biomed Res*. 2016 Jul 29; 5:126. doi: 10.4103/2277-9175.187000. PMID: 27563636; PMCID: PMC4976526.
25. Arjmand R, Fard SS, **Saberi S**, Tolouei S, Khamesipour A, Hejazi SH. Antigenic profile of heat-killed versus thimerosal-treated *Leishmania major* using sodium dodecyl sulfate-polyacrylamide gel electrophoresis. *Adv Biomed Res*. 2015 Jun 4; 4:128. doi: 10.4103/2277-9175.158068. PMID: 26261830; PMCID: PMC4513315.
26. Soleimanifard S, Arjmand R, **Saberi S**, Khamesipour A, Kazemi M, Salehi M, Akbari M, Hejazi S. P-glycoprotein A Gene Expression in Glucantime-Resistant and Sensitive *Leishmania major* (MRHO/IR/75/ER). *Iran J Parasitol*. 2014 Sep;9(3):423-8. PMID: 25678928; PMCID: PMC4316575.
27. Nilforoushzadeh MA, Shirani-Bidabadi L, **Saberi S**, Hosseini SM, Jaffary F. Effect of integrated pest management on controlling zoonotic cutaneous leishmaniasis in Emamzadeh Agha Ali Abbas (AS) District, Isfahan province, 2006-2009. *Adv Biomed Res*. 2014 Mar 31; 3:104. doi: 10.4103/2277-9175.129695. PMID: 24818102; PMCID: PMC4014830.
28. Nilforoushzadeh MA, Shirani-Bidabadi L, **Saberi S**, Hosseini SM. Efficacy of Integrated Pest Management in Controlling and Preventing Zoonotic Cutaneous Leishmaniasis in Isfahan Province, Iran. *Journal of Isfahan Medical School*. 2012; 29(173): 2936-44. (Farsi with an Abstract in English).
29. Arjmand R, **Saberi S**, Tolouei S, Chizari Z, Nobari RF, Fard SS, Akbari M, Hejazi SH. Identification of *Leishmania* isolates from Varzaneh city, Isfahan province, Iran using nested polymerase chain reaction method. *Adv Biomed Res*. 2014 Aug 19; 3:167. doi: 10.4103/2277-9175.139131. PMID: 25221770; PMCID: PMC4162079.

30. **Saberi S.**, Hejazi, S. H., Jafari, R., Bahadoran, M., Akbari, M., Soleymanifard, S., Arjmand, R., Alidadi, P., Aminian, K., Arandian, M. The Cutaneous Leishmaniasis Reservoirs in Northern Baraan Region of Isfahan, Iran. *Journal of Isfahan Medical School*, 2013; 31(253): 1497-1507. (Farsi with an Abstract in English).
31. Arjmand, R., Soleimanifard, S., **Saberi S.**, Tolouei, S., Khamesipour, A., Hejazi, S. H. Comparison of Protein Profile of Killed and Autoclaved Leishmania Major Using Polyacrylamide Gel Electrophoresis. *Journal of Isfahan Medical School*, 2013; 30(221): 2460-2466. (Farsi with an Abstract in English).
32. **Sedigh Saberi**, Ahmadreza Zamani, Neda Motamedi, Mohammad Ail Nilforoushzadeh, Fariba Jaffary, Ezatollah Rahimi, and Seyed Hossein Hejazi. The Knowledge, Attitude, and Prevention Practices of Students Regarding Cutaneous Leishmaniasis in the Hyperendemic Region of the Shahid Babaie Airbase. *Vector-Borne and Zoonotic Diseases*. Apr 2012.306-309.<http://doi.org/10.1089/vbz.2010.0259>.
33. **Saberi, Sedighe**, Zamani, Ahmad Reza; Moatamedi, Neda; Nilforoushzadeh, Mohammad Ail; Jaffary, Fariba; Rahimi, Ezatollah; Hejezi, Seyed Hossein Knowledge, Attitude and Practice of Students toward Preventive Strategies against Leishmania in Hyperendemic Region of Shahid Babaie Airbase. *Journal of Isfahan Medical School* 2012: Vol. 29 (172); 1-9. (Farsi with an Abstract in English).
34. **Saberi, S.**, Zamani, A. R., Moatamedi, N., Nilforoushzadeh, M. A., Jaffary, F., Rahimi, E., Hejezi, S. H. Evaluation of students' Knowledge, Attitude and Practice in Relation to Preventive Strategies against Leishmaniasis in the Hyperendemic Region of Shahid Babaie Airbase. *Journal of Isfahan Medical School*, 2012; 29(173): 1962-2970. (Farsi with an Abstract in English).
35. Soleimanifard, S., Akbari, M., Sabetghadam, M., **Saberi, S.** Malaria Situation in Isfahan in the Last Five Years. *Journal of Isfahan Medical School*, 2011; 29(132): 273-280.
36. **Saberi S**, Nilforoushzadeh M.A, Zamani A.R, Hejazi S.H, Siadat A.H, et al. Evaluation of Efficacy of Deet Repellent Pen In Control Of Leishmaniasis In a Military Area. *Electronic Journal of Environmental Sciences*. 2011; 4: 9 -11.
37. Motamedi N., Hejazi S. H., Hazavehei S. M. M., Zamani Aaa. R., **Saberi S.**, Rahimi E. Effect of education based on Health Belief Model on promoting preventive behavior of coetaneous leishmaniasis. *J Mil Med* 2010; 11 (4) :231-236. URL: <http://militarymedj.ir/article-1-608-en.html>.
38. Hejazi S, Shirani - Bidabadi L, Zolfaghari – Baghbaderani A, **Saberi S**, Nilforoushzadeh M, Moradi S, et al. Comparison Effectivness of Extracts of Thyme, Yarrow, Henna and Garlic on Cutaneous Leishmaniasis Caused by L. major in Animal Model (Balb/c). *J. Med. Plants* 2009; 8 (30) :129-136. URL: <http://jmp.ir/article-1-373-en.htm>
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F- Published Papers in Congresses & Conference Books

1. **Saberi S***, Soleimanifard S, Arjmand R, Hejazi S H, Khamesipour A. Investigation of antiparasitic activity of Iranian *Ganoderma lucidum* extract on cutaneous leishmaniasis in animal model. ICOPA 2022. 21th- 26th August 2022 Copenhagen. Denmark.

2. **Saberi S***, Soleimanifard S, Arjmand R, Hejazi S H, Khamesipour A. Evaluation of inflammatory biomarkers changes follow Pentavalent antimony therapy to *L. major* isolated from patients with unsuccessful treatment background. ICOPA 2018. 19th- 24th Aug 2018. Daego. South Korea.

3. **Saberi S***, Soleimanifard S, Arjmand R, Hejazi S H, Khamesipour A. Evaluation of Immune Response to Zoonotic Cutaneous Leishmaniasis Agent Isolated from no Clinical Improvement Patients. 6th World Congress on Leishmaniasis (**Worldlish 6**). 16th -20th May 2017. Toledo. Spain.

4. Soleimanifard S, **Saberi S**, Arjmand R, Hejazi S H. Therapeutic effect of Glucantime with respect to encoding of P-Glycoprotein A, Aquaporin 1, Glutamylcysteine from phenotypic resistant Zoonotic Cutaneous Leishmaniasis cases. 6th World Congress on Leishmaniasis (**Worldlish 6**). 16th- 20th May 2017. Toledo. Spain.

5. Hejazi Seyed Hossein, Hashemi Nooshin, Sharifi Mohammadreza, Tolouei Sepideh, Hashemi Mitra, **Saberi Sedighe**. Inhibition of microRNA LET-7A induces apoptosis in macrophages infected with *Leishmania major*. 6th World Congress on Leishmaniasis (**Worldlish 6**). 16th- 20th May 2017. Toledo. Spain.

6. **Saberi S***, Hejazi S H, Reza Jafari, Arjmand R, Javadi A. Study of Cutaneous Leishmaniasis Reservoirs in Northern Baraan Region of Isfahan, Iran. 5th World Congress on Leishmaniasis (**Worldlish 5**). 13th - 17th May. 2013, Porto de Galinhas, Pernambuco. Brazil.

7. Arjmand Reza, Hejazi Hossein, **Saberi Sedigheh**, Kalantari Mahtab. Low Doses of Viable *Leishmania Major* Plus BCG as a Specific Immune Stimulator for Immunotherapy of Cutaneous Leishmaniasis. 5th World Congress on Leishmaniasis (**Worldlish 5**). 13th - 17th May. 2013, Porto de Galinhas, Pernambuco. Brazil.
8. **Saberi Sedigheh***, Nilforoshzadeh Mohamad Ali, Zolfaghari Azadeh, Shirani Leila, Abdian Narges, Siadat Amir Hossein, Khamesipour Ali. Study of Therapeutic Effects of Thyme, Yarrow, Henna and Garlic Extracts On Mice Cutaneous Leishmaniasis. 4th World Congress on Leishmaniasis (**Worldlish 4**). 3th to 7th Feb 2009. Lucknow. India.
9. Iraj Fariba, Moslehi Mohsen, Nilforoushzadeh Mohammad Ali, Sokhanvari Fatemeh, Hejazi Seyed Hossein and **Saberi Sedigheh**. Effect of imatinib cream on the wound caused by *Leishmania* in mice. 7th European Dermatology Congress. 13th- 14th June 2016. Alicante, Spain.
10. **Saberi Sedigheh***, Heydari Mahsa, Pestehchian Nader, Fadaei Reza. Evaluation of the 11-Year Trend of Cutaneous Leishmaniasis in Six Main Foci of the Disease in Isfahan Province during the Years 2008 to 2018. 14th International Congress of Laboratory & Clinic and 6th National Congress of Basic Medical Sciences and the Knowledge-based production. 2th – 4th Feb 2023. Tehran. Iran.
12. **Saberi Sedigheh***, Khalili Bahman, Babei Mahtab, Rafieian Kopaei Mahmoud, Deris Fatemeh. Evaluation of anti-leishmanial effect of hydro alcoholic *Matthiola* plant extract in Vitro. 13th International Congress of Laboratory & Clinic and 6th National Congress of Basic Medical Sciences and the Knowledge-based production. 5th – 9th Feb 2022. Tehran. Iran.
13. **Saberi Sedigheh***, Akbari Sakineh, Chabavizadeh Javaher, Abtahi Seyed Mohammad, Yegdaneh Afsaneh, Namdar Fatemeh. Evaluation of anti-leishmaniasis effect of hydroalcoholic extract of *Ganoderma leucidum* on *Leishmania major* parasites in vitro. The 11th National and the 4th International Congress of Parasitology and Parasitic Diseases. NICOPA11. Urmia. Iran. 9th -11th Oct 2019. Urmia. Iran.
14. Arbabi Bahar, Varshosaz Jaleh, Pestechian Nader, **Saberi Sedigheh**. Chitosan- Titanium dioxide Glucantime nanoassemblies with Leishmanicidal effects on amastigotes of *Leishmania major*. The 11th National and the 4th International Congress of Parasitology and Parasitic Diseases. NICOPA11. Urmia. Iran. 9th -11th Oct 2019. Urmia. Iran.
15. Soleimanifard Simindokht, **Saberi Sedigheh**, Arjmand Reza, Hejazi Seyed Hossein. P-glycoprotein A, G-glutamylcysteine synthetase1 and Aquaglyceroporin1 genes expression in antimony resistance

leishmania major isolates. 10th International Congress of Laboratory & Clinic and 3th National Congress of Basic Medical Sciences and the Knowledge-based production. 31th Jan-2th Feb 2018.Tehran. Iran.

16. Arjmand Reza, **Saberi Sedigheh**, Soleimanifard Simindokht, Hejazi Seyed Hossein. Evaluation of Aquaglyceroporin 1 gene expression in promastigote and amastigote major. 9th International Congress of Laboratory & Clinic and 2th National Congress of Basic Medical Sciences and the Knowledge-based production. 21th -24th Feb 2017.Tehran. Iran.

17. Saghaie Lotfollah, Zarrabi Zeynab, Fassihi Afshin, **Saberi Sedigheh**, Pestechian Nader. Synthesis and evaluation of the antileishmanial activity of antimony (V)-complexes of hydroxypyranone and hydroxypyridinone ligands. ICBMB 2018. The 15th Iranian national congress of Biochemistry & 6th international congress of Biochemistry & molecular Biology. 25th- 28th Aug 2018. Isfahan. Iran.

18. Soleimanifard S, **Saberi S**, Arjmand R, Hejazi S.H. The role of GSH1 gene in drug resistance in non-healing phenotypic ZCL cases. The 3th congress of molecular medicine of the country. 15th- 16th Dec 2016. Isfahan. Iran.

19. Sabri Mohammadreza, Emami Mohammad hasan, Izadi Nastaran, **Saberi Sedigheh**, et al. Promotion of faculty recruitment process in Medical School, Isfahan University of Medical Sciences. **Selected project** in 9th Shahid Motahari Educational festival. April 2016. Isfahan University of Medical Sciences. 2016. Isfahan, Iran.

20. **Saberi Sedigheh***, Arjmand Reza, Soleimanifard Simindokht, Khamesipour Ali, Hejazai Seyed Hossein. Evaluation of IL-27 gene expression to Leishmania major isolated from patient who have no responded to Glucantime. 8th International Congress of Laboratory & Clinic and 1th National Congress of Basic Medical Sciences and the Knowledge-based production. 5th- 6th Feb 2016. Tehran. Iran.

21. Soleimanifard Simindokht, Arjmand Reza, **Saberi Sedigheh**, Hejazai Seyed Hossein. P -glycoprotein A gene expression in Glicantime-Resistant and sensitive Leishmania major (MRHO/IR/75/ER). 8th International Congress of Laboratory & Clinic and 1th National Congress of Basic Medical Sciences and the Knowledge-based production. 5th- 6th Feb 2016. Tehran. Iran.

22. Arjmand Reza, Soleimanifard Simindokht, **Saberi Sedigheh**, Tolouei Sepideh, Khamesipour Ali, Hejazi Seyed Hossein. Identification of leishmania parasites isolated from patient with treatment failure leishmaniasis. 8th International Congress of Laboratory & Clinic and 1th National Congress of Basic Medical Sciences and the Knowledge-based production. 5th- 6th Feb 2016. Tehran. Iran.

23. **Saberi Sedigheh***, Arjmand Reza, Soleimanifard Simindokht, Hejazai Seyed Hossein, Khamesipour Ali. In vivo/Iv vitro immune responses to L. major isolated from patients with no clinical response to Glucantime. The 7th International Congress of Laboratory & Clinic and 1th conference of Clinical Virology. 12th - 14th Feb 2015.Tehran. Iran.
24. Soleimanifard Simindokht, Arjmand Reza, **Saberi Sedigheh**, Hejazai Seyed Hosseini Treatment outcome of the drug resistant zoonotic cutaneous leishmaniasis by Glucantime. The 7th International Congress of Laboratory & Clinic and 1th conference of Clinical Virology. 12th - 14th Feb 2015.Tehran. Iran
25. Reza Arjmand, Simindokht Soleimanifard, **Sedigheh Saberi**, Sepideh Tolouei, Ali Khamesipour, Seyed Hossein Hejazi. Antigenic profile of heat-killed versus thimerosal treated leishmania major using sodium dodecyl sulphat-polyacryamid gel electrophoresis. The 7th International Congress of Laboratory & Clinic and 1th conference of Clinical Virology. 12th - 14th Feb 2015.Tehran. Iran.
26. **Saberi Sedigheh***, Mahmoudi Mohsen, Mosavi Zahra, Arjmand Reza, Hejazi Seyed Hossein. Study on Inhibitory Activity of Propolis Alcoholic Extract On Opportunist Fungi of Candida in Vitro. 2nd Iranian Congress on Medical Mycology. 14th Feb 2013. Ahvaz. Iran.
27. Arjmand R, Saleimani fard S., borhani A., **Saberi S.**, Hejazi S.H. Study of killing effect of Ozone gas on Leishmaniasis major promastigote in vitro. 1st International and 8th National Congress of Parasitology and Parasitic Diseases in Iran.16th -18th Oct ,2012. Kerman. Iran.
28. Motamedi N, **Saberi S**, Zamani AR, Hejazi SH, Nilforoshzadeh MA. Effect of education on promoting preventive behavior of coetaneous leishmaniasis in Shahid Babaie airbase. The 1th International & 4th National Congress on health Education & Promotion. 2011. Tabriz. Iran.
29. **Saberi S***, S H Hejazi, P Alidadi, R Jafari, K Aminian, M Akbari, M Bahadoran, M H Arandian. The evaluation of funa and probable infection of rodent with cutaneous leishmaniasis in northen Baraan region in Isfahan. 7th and 2th Regional Congress of parasitology and Parasitic Diseases in Iran. 18th- 20th Aug 2010. Tehran. Iran.
30. **Saberi S***, S H Hejazi. A Comparision of Direct Microscopic Method and Culture in Diagnosis of Cutaneous Leishmaniasis. The 6th Natinal and the 1th Regional Congress on Parasitology and Parasite Disease.Tehran. 27th-28th May 2008. Tehran. Iran.

F- 1- Oral presentation in congress:

31- **Saberi Sedigheh***, Rahimpour SeyedFarid, Khamesipour Ali, et al. Evaluation of the anti-leishmanial effect of Glucantim synthesized in the Faculty of Pharmacy of Isfahan University of Medical Sciences in comparison with the standard drug in vitro and animal model. The national conference of practical ideas in the direction of prevention, diagnosis and treatment of cutaneous leishmaniasis. Isfahan. 12th -14th Oct 2022

32. **Saberi Sedigheh**. Evaluation of Nitric Oxide (NO) Synthesis to *L. major* isolated from unsuccessfully antimonial therapy patients. 10th International Congress of Laboratory & Clinic and 3th National Congress of Basic Medical Sciences and the Knowledge-based production. 31th Jan-2th Feb 2018. Tehran. Iran.

33. **Saberi Sedigheh**. The Study of Interleukin 18 gene expression to *L. major* Isolated from unsuccessfully treated patients with Glucantime. The 3th congress of molecular medicine of the country. 15th- 16th Dec 2016. Isfahan. Iran.

34. **Saberi Sedigheh**. Effectiveness of Achillea Millefolium Hydroalcoholic Extract On *L. major* Cutaneous Leishmaniasis In Balb/c Mice. The 2nd national congress of updates in Dermatology Diseases & Leishmaniasis. 14-16 Nov 2007. Isfahan. Iran.

35. **Saberi Sedigheh**. Malaria and Diagnostic Methods. Parasitology Conference. Isfahan university of medical sciences. 17 Sep 2009. Isfahan. Iran.

Workshop Attended and Training Courses Participated

1. Ethics in research (the field of research methodology). Isfahan University of Medical sciences, Isfahan, Iran. 23- 05- 2019
2. Ethics in working with laboratory animals Isfahan University of Medical sciences, Isfahan, Iran .9 – 10. 06.2019
3. Effective communication skills. Isfahan University of Medical sciences, Isfahan, Iran. 19.10. 2021

Membership

1. Member of Iranian Medical System Organization (2018 until Now).
2. Member of Iranian Society of Medical Parasitology.
3. Member of Infectious Diseases and Tropical Medicine Research Center, Isfahan University of Medical sciences, Isfahan, Iran (2018).
4. Member of Skin Diseases and Leishmaniasis Research Center, Isfahan University of Medical sciences, Isfahan, Iran (2016 - 2018).

Executive and administrative activities

1. International Affairs Expert in the Vice-Chancellor of Academic Affairs, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran. (2015- 2016)
2. Director of international and inter-university relations, Isfahan University of Medical Sciences, Isfahan, Iran (2016- 2017).
3. Consultant professor for medical students (2018 until Now).
4. Vice-chancellor of Medical Parasitology and Mycology Department, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran (29- 04- 2022 until Now).
- 5.

Honors and Awards

1. The best idea of the national conference of practical ideas in the direction of prevention, diagnosis and treatment of cutaneous leishmaniasis from Vice President of Health, Isfahan University of Medical Sciences.2022
2. Appreciation for the cooperation in obtaining the top position of the Skin Diseases and Leishmaniasis Research Center from President. Razi Festival. 2006.
3. An admirable national process in the field of authority and leadership and educational management The 17th National Medical Science Education Conference and Shahid Motahari Educational Festival. From Vice President of Education and Secretary of the Medical and Specialized Education Council of the Ministry of Health, Treatment and Medical Education 2017
4. Certificate of appreciation for the best expert Ph.D. from Dean of the Faculty of Medicine. 2017
5. Ranked first in the classmates of the doctoral course.2014

Computer Skill

ICDL including IT, Windows, Microsoft Office (Word, PowerPoint, Access and Excel) and Internet Skills

Academic references

1. **Dr. Ali Khamesipour**, professor of Immunology. Centre for Research and Training in Skin Diseases and Leprosy. Tehran University of Medical Sciences. Tehran.Iran.
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