



In the name of God

Curriculum Vitae

Personal Information

- First name : Mahdi
- Surname : Delavari
- Birth Date: 7.5.1980
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Address

Department of Medical Parasitology and Mycology, School of Medicine , Kashan University of Medical Sciences, Kashan Iran.

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Educations

B.SC Tabriz university in Laboratory science at 2003.

M.SC Tarbiat modares university in Medical parasitology at 2005.

Ph.D Tarbiat modares university in Medical parasitology at 2014.

Honors and Ranking

- Ranked 4 among competitors in the national entrance exam for graduate courses(MSc) in Medical Parasitology, 2002
- Ranked 1 among MSc students of Medical Parasitology in T.M University, 2005
- Ranked 2 among competitors in the national entrance exam for graduate courses(PhD) in Medical Parasitology, 2010
- Ranked 1 among PhD students of Medical Parasitology in T.M University, 2014.

Research experience

Treatment of parasitologic diseases

Cell culture and Molecular parasitology

Flowcytometry

Epidemiology of parasites by GIS

Teaching experience

Protozoology

Helminthology

Epidemiology of parasites and parasitic diseases

Publications

Book (translate)

1. *Basic Malaria Microscopy. World Health Organization 2010.*
2. *Integrated Guide to sanitary parasitology.*

Papers

1. **Delavari M**, Maroufi Y, Dalimi A, Ghafarifar F, Khoshzaban F. A Study on the Effects of Propamidine Isethionate and Polymyxin B on Acanthamoeba Isolated from Patients Infected with Acanthamoeba Keratitis in HeLa cell Cultur. *Journal of daneshvar*2007.
2. Maroufi Y, Dalimi A, Ghafarifar F, Khoshzaban F, **Delavari M**. In vitro Effect of Monosaccharides on the Virulence of Acanthamoeba Isolated from Patients with Amoebic Keratitis. *scientific journal of Hamadan university of medical science and health services* 2007.
3. Askari F, Ghaffarifar F, Dalimi A, Ashtiani M, **Delavari M**. Study on variation of the sera folic acid, vitamin B12 and iron level in the 6-12 years old patients infected with Giardia lamblia in south Tehran. *Iran J Pediatr* 2007;17 (2).
4. Ahmadvand M, Dehghanifard A, Mahmoodinia M, **Delavari M**, Noruzinia M. The role of epigenetic in cancer. *med-labjournal* 2011.
5. **Delavari M**, Ahmadvand M. Drug resistance in malaria. *med-labjournal*2011.

6. Halimi M, Delavari M , Takhtardeshir A. Survey of climatic condition of Malaria disease outbreak in Iran using GIS. *Journal of School of Public Health and Institute of Public Health Research* 2012; 10.(3)
7. **Delavari M**, Dalimi A, Ghafarifar F, Sadraei J. The effect of aloe-emodin on growth and induction of Apoptosis in *Leishmania major* promastigotes in vitro. *Journal of Kashan University of Medical Sciences* 2013; 17(5):422-428.
8. **Delavari M**, Dalimi A, Ghafarifar F, Sadraei J. The cytotoxic effects of 5-fluorouracil on *Leishmania major* promastigotes and its apoptosis induction. *Journal of Ilam University of Medical Sciences* 2014;21(7): 34-42.
9. **Delavari M**, Dalimi A, Ghafarifar F, Sadraei J. In Vitro Study on Cytotoxic Effects of ZnO Nanoparticles on Promastigote and Amastigote Forms of *Leishmania major* (MRHO/IR/75/ER) *Iranian J Parasitol* 2014;9(1) :6-13.
10. Halimi M, Farajzadeh M, **Delavari M** , Takhtardeshir A, Moradi A. Modelling spatial relationship between climatic conditions and annual parasite incidence of malaria in southern part of Sistan&Balouchistan Province of Iran using spatial statistic models. *Asian Pac J Trop Dis* 2014; 4(1): 167-172.
11. Halimi M, **Delavari M**, Jaafari Madrak M. Spatial modeling of malaria outbreaks in the Sistan and Baluchestan province using geographically weighted regression model. *The modares journal of spatial planinig* 2014
12. Arbabi M, Fakhrieh Z, **Delavari M**, Abdoli A. Prevalence of trichomonas vaginalis infection in Kashan city, Iran (2012-2013) *Iran J Reprod Med* 2014; 12(7): 507-512 .
13. Khoramian H , Arbabi M, Mahami M, **Delavari M**, Hooshyar H , Asgari M. Prevalence of ruminants fascioliasis and their economic effects in Kashan, center of Iran. *Asian Pac J Trop Biomed* 2014; 4(2): 585-589.
14. Halimi M, Farajzadeh M, **Delavari M**, Bagheri H. Climatic Survey of Malaria Incidence in Iran during 1971-2005. *Scientific Journal of School of Public Health and Institute of Public Health Research* 2014.
15. Fakhrieh Z , Arbabi M, **Delavari M**, Taghi-Zadeh M, Hooshyar H, ,Solaymani F. The effect of aqueous and alcoholic extracts of *Pelarqonium roseum* on the growth

of *Trichomonas vaginalis* in vitro. *Journal of Kashan University of Medical Sciences* 2014; 18 (4): 369-375.

16. **Delavari M**, Dalimi A, Ghafarifar F, Sadraei J. In vitro and in vivo antileishmanial effects of aloe-emodin on *Leishmania major*. *Journal of Traditional and Complementary Medicine* 2014;1-4.
17. Abbasi A, **Delavari M**, Arbabi M, Arj A, Doroodgar M, Taherian AA, Nikoueinejad H, Pourbabae M, Doroodgar A. In vitro and in vivo antileishmanial effects of tamoxifen on *Leishmania major*. *Journal of Kashan University of Medical Sciences* 2015; 19(1):54-59.
18. Halimi M, Farajzadeh M, **Delavari M**, Arbabi M. Developing a climate-based risk map of fascioliasis outbreaks in Iran. *Journal of Infection and Public Health*.2015; 1-6.
19. Fakhrieh Zohreh, Arbabi M, **Delavari M**, Hooshyar H, Taghizadeh M , Joneydy Z. Effect of *Verbascum thapsus* Ethanol Extract on Induction of Apoptosis in *Trichomonas vaginalis* in vitro. *Infectious Disorders – Drug Targets*, 2015;15:125-130.
20. Ghafarifar F, Dalimi A, Esavand heydari F, Hassan Z.M, **Delavari M**, Mikaeiloo H.
21. Evaluation of Apoptotic and Antileishmanial Activities of Artemisinin on Promastigotes and BALB/C Mice Infected with *Leishmania major*. *Iran J Parasitol* 2015;10(2):258-267.
22. Farajzadeh M, Halimi M, Ghavidel Y, **Delavari M**. Dynamic Response of Spatiotemporal Anopheles Population to Climatic Conditions: The Case of Chabahar, South Baluchistan, Iran. *Annals of Global Health* 2015;81(5).694-704.
23. Farajzadeh M, Halimi M, Ghavidel Y, **Delavari M**. Spatiotemporal Anopheles Population Dynamics, Response to Climatic Conditions: The Case of Chabahar, South Baluchistan, Iran. *Annals of global health*. 2015 Sep 1;81(5):694-704.
24. Fakhrieh Zohreh, Arbabi M, **Delavari M**, Taghizadeh M, Hooshyar H. In-vitro Therapeutic Effect of *Allium Cepa*, *Olivaria Decumbens* Vent and *Muscari Neglectum* against *Trichomonas Vaginalis*. *J Isfahan Med Sch* 2015; 32(310): 1985-92
25. Doroodgar M, **Delavari M**, Doroodgar M, Abbasi A, Taherian AA, Doroodgar A. Tamoxifen Induces Apoptosis of *Leishmania major* Promastigotes in Vitro. *Korean J Parasitol* 2016 ; 54(1) 9-14.

26. Dalimi A, **Delavari M**, Salimi Kia I. Evaluation of the Effect of *Achillea biebersteinii* Essential Oil on *Leishmania major* Promastigote and Amastigote Growth under In Vitro Conditions. *Modares Journal of Medical Sciences: Pathobiology* **2016**;18 (2): 41-5.
27. Fakhrieh Zohreh, Arbabi M, **Delavari M**, Taghizadeh M, Hooshyar H. Z Ginger (*Zingiber officinale*) induces apoptosis in *Trichomonas vaginalis* in vitro. *Int J Reprod Biomed (Yazd)*. **2016**; 14(11): 691–698.
28. Doroodgar M, **Delavari M**, Doroodgar M, Abbasi A, Taherian AA, Doroodgar A. Tamoxifen induces apoptosis of *Leishmania major* promastigotes in vitro. *The Korean journal of parasitology*. **2016** Feb;54(1):9.
29. **Delavari, M.**, **2016**. Spatiotemporal Anopheles Population Dynamics, Response to Climatic Conditions: The Case of Chabahar, South Baluchistan, Iran.
30. Ghasemloo H, Rasti S, **Delavari M** and Doroodgar A. Molecular Diagnosis of Clinical Isolates of Cutaneous Leishmaniasis Using ITS1 and KDNA Genes and Genetic Polymorphism of *Leishmania* in Kashan, Iran. *PJBS*. **2016**;19(3):136-142.
31. Halimi M, Cheghabaleki ZZ, Modrek MJ, **Delavari M**. Temporal Dynamics of Phlebotomine Sand Flies Population in Response to Ambient Temperature Variation, Bam, Kerman Province of Iran. *Ann Glob Health*. **2016**;82(5):824-831.
32. Hooshyar H, Ghafarinasab sh, Arbabi M, **Delavari M**, Rasti S. Genetic Variation of *Giardia lamblia* Isolates from Food-handlers in Kashan, Central Iran. *Iranian Journal of Parasitology* **2017**. 12(1):83-89.
33. Arbabi M, pirestani M, **Delavari M**, Hooshyar H, abdoli A, Sarvi Sh. Molecular and Morphological characterizations of *Echinococcus granulosus* from human and animal isolates in Kashan ,center of Iran. *Iran J Parasitol: Vol. 12, No. 2, Apr-Jun* **2017**, pp.177-187.
34. Fakhrieh Zohreh, Arbabi M, **Delavari M**, Mohebbali M, Hooshyar H. Induction of Apoptosis by Alcoholic Extract of Combination *Verbascum thapsus* and Ginger *officinale* on Iranian Isolate of *Trichomonas vaginalis*. *Iran J Parasitol*. **2017**, 13(1):72-78.
35. Rasti S, Marandi N, Abdoli A, **Delavari M**, Mousavi Gh. Serological and molecular detection of *Toxoplasma gondii* in sheep and goats in Kashan, central Iran. *J of Food Safety* **2017**.

36. Golestani MH, Rasti S, Hooshyar H, **Delavari M**, Mousavi Gh, Iranshahi L, Aghajani A. Molecular Identification and Genotyping of *Acanthamoeba* Isolated from Environmental Sources in Kashan, Central Iran. *Jundishapur J Microbiol.* **2017**, 11(4):e55582.
37. 36. Fakhrieh Z, **Delavari M**, Arbabi M, Hooshyar H. Therapeutic effects of Iranian herbal extracts against *Trichomonas vaginalis*. *Iranian Biomedical Journa.* **2017**, 21(5): 285-293.
38. 39. Yad Yad MJ, Nasiri S, **Delavari M**, Arbabi M. Survey of hydatid cyst surgeries in hospitals affiliated to Ahvaz Jundishapur University of Medical Sciences during 2004 to 2014. *Feyz, Journal of Kashan University of Medical Sciences*, December, **2017**; 21(5), 477-482.
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40. Fakhrieh-Kashan Z, Arbabi M, **Delavari M**, Mohebbali M, Hooshyar H. Induction of apoptosis by alcoholic extract of combination *Verbascum thapsus* and *Ginger officinale* on Iranian isolate of *Trichomonas vaginalis*. *Iranian journal of parasitology.* **2018** Jan;13(1):72.
41. Arbabi M, Nezami E, Hooshyar H, **Delavari M**. Epidemiology and economic loss of fasciolosis and dicrocoeliosis in Arak, Iran. *Veterinary world.* **2018** Dec;11(12):1648.
42. Varshosaz J, Arbabi B, Pestehchian N, Saberi S, **Delavari M**. Chitosan-titanium dioxide-glucantime nanoassemblies effects on promastigote and amastigote of *Leishmania major*. *International journal of biological macromolecules.* **2018** Feb 1;107:212-21.
43. Rasti S, Marandi N, Abdoli A, **Delavari M**, Mousavi SG. Serological and molecular detection of *Toxoplasma gondii* in sheep and goats in Kashan, Central Iran. *Journal of food safety.* **2018** Apr;38(2):e12425.
44. Arbabi M, **Delavari M**, Fakhrieh-Kashan Z, Hooshyar H. Review of *Trichomonas vaginalis* in Iran, based on epidemiological situation. *Journal of reproduction & infertility.* **2018** Apr;19(2):82.

45. Golestani MH, Rasti S, Hooshyar H, **Delavari M**, Mousavi SG, Iranshahi L, Aghajani A. Molecular identification and genotyping of *Acanthamoeba* isolated from environmental sources in Kashan, central Iran. *Jundishapur Journal of Microbiology*. **2018** Apr 30;11(4).
46. Hadadi M, Sherafati R, **Delavari M**, Arbabi M, Gilasi H, Abed A. Evaluation of anti-*Neospora caninum* antibody presence in cow's milk in Kashan. *KAUMS Journal (FEYZ)*. **2018** Jun 10;22(3):333-8.
47. Rasti S, **Delavari M**, Arani TS, Mousavi SG. Epidemiological and clinical study on the cutaneous leishmaniasis in Aran and Bidgol, center of Iran. *International Archives of Health Sciences*. **2018** Jul 1;5(3):72.
48. Golestani MH, Rasti S, Hooshyar H, **Delavari M**, Mousavi GA, Iranshahi L. Isolation of free-living amoeba and molecular characterization of *Acanthamoeba* from stagnant water, Kashan, Iran. *Iranian Journal of Medical Microbiology*. **2018** Jul 10;12(2):125-32.
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51. Napooni S, Arbabi M, **Delavari M**, Hooshyar H, Rasti S. Lethal effects of gold nanoparticles on protoscolices of hydatid cyst: in vitro study. *Comparative Clinical Pathology*. **2019** Feb 5;28:143-50.
52. Arbabi M, Jevinani SS, Nahrevanian H, Hooshyar H, Rastaghi AR, **Delavari M**, Ghasemi FS. The effects of splenectomy on pattern of nitric oxide induction and pathogenesis of rodent malaria caused by *plasmodium berghei* infection. *International Journal of Medical Laboratory*. **2019** Mar 10.
53. Napooni S, **Delavari M**, Arbabi M, Barkkeh H, Rasti S, Hooshyar H, Mostafa Hosseinpour Mashkani S. Scolicidal effects of chitosan–curcumin nanoparticles on the hydatid cyst protoscolices. *Acta Parasitologica*. **2019** Jun 1;64:367-75.
54. Kashan ZF, Shojaee S, Keshavarz H, Arbabi M, **Delavari M**, Salimi M. Vitamin D deficiency and *Toxoplasma* infection. *Iranian Journal of Public Health*. **2019** Jun 3;48(6):1184-6.

55. Sadat Atyabi H, Rasti S, Niyyati M, Eslamirad Z, **Delavari M**, Moosavi GA. Survey on the contamination rate of stagnant water and soil to *Vermamoeba Vermiformis* in Arak Parks, Iran, 2017-2018. *Payavard Salamat*. **2019** Sep 10;13(3):194-200.
56. Arbat SK, Hooshyar H, Arbabi M, **Delavari M**, Rasti S, Mousavi G. Subtypes identification and frequency of *Blastocystis* isolated from patients in Kashan, Central Iran. *International Archives of Health Sciences*. **2021** Jan 1;8(1):56.
57. Arbabi M, Hooshyar H, **Delavari M**, Pestechian N. Genotypes Identification of *echinococcus granulosus* isolated from iranian dogs and camels using three polymerase Chain reaction-based methods of *cox1* gene. *International Archives of Health Sciences*. **2021** Apr 1;8(2):104.
58. Haddad A, **Delavari M**, Arbabi M, Gardeshmeydani I, Salmani A. Evaluation of anti-leishmaniasis activity of curcumin-loaded chitosan nanoparticles on *Leishmania major* and *L. infantum* in vitro. *KAUMS Journal (FEYZ)*. **2021** Aug 10;25(4):1040-6.
59. Olya ME, **Delavari M**, Arbabi M, Rasti S, Hooshyar H, Salimian M. Antileishmanial activity of auranofin against *Leishmania major* in vitro. *International Archives of Health Sciences*. **2022** Jan 1;9(1):20.
60. Deris S, **Delavari M**, Hooshyar H. *Leishmania Vaccines: A Narrative Review on Last Decade Developments*. *Int J Med Parasitol Epidemiol Sci* Volume. **2022**;3(1):4.
61. Taghipour T, Rasti S, Saba M, **Delavari M**, Moosavi GA, Hooshyar H, Eslamirad Z. Molecular detection and genotype identification of *Acanthamoeba* species from bronchoalveolar lavage of patients with pulmonary symptoms suspected of cancer. *Journal of Parasitic Diseases*. **2022** Dec;46(4):1028-35.
62. Rasti S, Taghipour T, **Delavari M**, Hooshyar H, Mousavi GA, Arbabi M. Prevalence of free living Amoeba in oral cavity of cancer patient, Kashan 2019-2020. *Pars Journal of Medical Sciences*. **2022** Dec 25;19(2):55-62.

Abstracts

1. **Delavari M**, Maroufi Y, Dalimi A, Ghafarifar F. Isolation of *Acanthamoeba* from Tehran soil. 20th national congress of biotechnology, Keram, Iran, 2005
2. **Delavari M**, Maroufi Y, Dalimi A, Ghafarifar F. Isolation of pathogenic *Acanthamoeba* from soil and culture in HeLa cell. 5th national congress of Parasitology, Tehran, Iran, 2005
3. **Delavari M** , Rezaei M. Prevalence of Malaria in Iran. 4th national congress of Medical Geography, Hmedan, Iran, 2005.
4. Maroufi Y, Dalimi A, Ghafarifar F, Khoshzaban F , **Delavari M**. Effect of adding monosaccharide on the virulence of *Acanthamoeba* pathogenicity; isolated from patient with amoebic keratitis in the HeLa cell culture. 11th international congress of Parasitology, Glasgow, Scotland, 2006
5. **Delavari M**, Maroufi Y, Dalimi A, Ghafarifar F, Khoshzaban F. A study on the effect of propamidine isethionate and neosporine on *acanthamoeba* isolated from patient infected with *acanthamoeba* keratitis in Hela cell. 11th Internationa Congress of Parasitology. Glasgow Scotland 2006.
6. Halimi M, **Delavari M**. Spatial Modeling of Outbreak of Malaria in Sistan and Balouchestan. 8th NICOPA, 16-18 October 2012, Kerman, Iran.
7. **Delavari M**, Halimi M,. Survey of Climatic condition of malaria disease outbreak in Iran .8th NICOPA, 16-18 October 2012, Kerman, Iran.
8. Dalimi A, **Delavari M**, Salimi kia I. Evaluation the effect of *Achillea biebersteinii* Afan essential oil on promastigote and amastigote of *Leishmania major* in vitro conditions. 8th NICOPA, 16-18 October 2012, Kerman, Iran.
9. **Delavari M**, Dalimi A, Ghafarifar F, Sadraei. Evaluation the effect of aloe-emodin on growth of promastigote and amastigote of *Leishmania major* in vitro. 21st International Iranian Congress of Physiology and Pharmacology 23-27 August 2013. Tabriz. Iran.
10. **Delavari M**, Dalimi A, Ghafarifar F, Sadraei. Study of cytotoxic effect of 5-fluorouracil on *Leishmania major* promastigote and amastigote in vitro. 21st International Iranian Congress of Physiology and Pharmacology 23-27 August 2013. Tabriz. Iran.
11. Khorramian H, Arbabi M, Mahami M, **Delavari M**, Hooshyar H, Asgari M. prevalence of Fascioliasis in ruminants and their economic effect in Kashan , Central part of Iran. 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 9) Guilan, Iran; 20-22 May 2015.

12. Arbabi M, Pirestani M, **Delavari M**, Hooshyar H, Abdoli A, Sarvi Sh. *Molecular and Morphological characterization of echinococcus granulosus from human and animal isolates in Kashan, Center of Iran. 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 9)Guilan, Iran; 20-22 May 2015.*
13. Arbabi M, Fakhrieh Z, **Delavari M**. *Prevalence of trichomonas vaginalis infection of kashan, Iran. 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 9)Guilan, Iran; 20-22 May 2015.*
14. Arbabi M, Fakhrieh Z, **Delavari M**, Taghi-Zadeh M, Hooshyar H. *Effect of Aqueous and alcoholic extracts of Pelargonium Roseum on the growth of Trichomonas vaginalis In vitro. 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 9)Guilan, Iran; 20-22 May 2015.*
15. Fakhrieh Z, Arbabi M, **Delavari M**, Hooshyar H, Taghi-Zadeh. *Therapeutic effect of Allium Cepa, Oliveria Decumbens Vent and Muscari Neglectum on Trichomonas Vaginalis, In vitro. 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 9)Guilan, Iran; 20-22 May 2015.*
16. Borjian A, Arbabi M, **Delavari M**. *Molecular identification of Taenia hydatigena using by ND1 gene in Isfahan Province. 8th international congress of laboratory and Clinic. Iran, 2016.*
17. Borjian A, Arbabi M, **Delavari M**. *Identification of Taenia hydatigena using COX1 gene. 1th National congress of paramedical students. Iran, 2016.*
18. Borjian A, Arbabi M, **Delavari M**, Hooshyar H. *Study of intestinal parasites in stray dogs in Isfahan region 17th Annual Research Congress of Iranian Medical Students. Kashan, 2016.*
19. Arbabi M, **Delavari M**, Napooni S, Hooshyar H, Rasti S. *In vitro protoscolicidal effects of gold nanoparticles on protoscolices of hydatid cyst. 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran Shiraz, Iran; 2017.*
20. Ezati M, Arbabi M, **Delavari M**, Ebadi M. *Prevalence of Anti-Toxoplasma antibody in pregnant women in mahdiyeh womens hospital Tehran, iran. 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran Shiraz, Iran; 2017.*

21. Napooni S , Nezami E, **Delavari M**, Arbabi M, Hooshyar H , Rasti S Scollcidal Effects of Commiphora Myrrha and Lavender in hydatid cyst protoscolices. 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran Shiraz, Iran; 2017

Supervisor of students thesis

1. Effect of alcoholic extract of *Verbascum thapsus* Ginger and combination of them on induction of apoptosis in *trichomonas vaginalis* in vitro. Z Fakhrieh. 2014 (Second Supervisor).
2. The effect of tamoxifen on *Leishmania major* promastigote and amastigote in vitro. A Abasi. 2014 (Second Supervisor).
3. The study of *Leishmania* genetic polymorphism in patients with cutaneous leishmaniasis in Kashan by PCR-RFLP. H Ghasemlo. 2014 (third Supervisor)
4. Effect of splenectomy on nitricoxide level production and its role in the immunoparasitology of rodent malaria caused by *Plasmodium berghei*. S Soleimani.2014 (Advisor).
5. Genotyping of *Giardia duodenalis* isolates in patient referred to medical laboratories of Kashan using PCR-RFLP methods.Sh Ghaffari nasab.2014(Advisor).
6. Cytotoxic and ultrastructuraleffects of Gold and Curcumin-loaded Chitosan Nanoparticles on hydatid Cyst protoscolices in vitro.S Npooni.2016(Supervisor).
7. Molecular characterization of *Fasciola* and *Dicrocoelium* species by PCR-RFLP and HRM in Central province. E Nezami. 2016(Advisor).
8. Survey of Antileishmanial activity of Auranofin against *Leishmania major* in vitro conditions.M Ezati.2017(Supervisor).
9. Antileishmanial activity of Auranofin against *Leishmania infantum* in vivo and in vitro .M Ezati.2017(Supervisor).