

Curriculum Vitae



Name: Zarrintaj Valadkhani

Associate Professor, Pasteur Institute of Iran

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Date of birth : 24/5/1958

Nationality: Iranian

Marital Status: Married

Education:

1998-2004 Ph.D Medical Parasitology. Punjab University, Chandigarh, India

1996-1998 M.Sc. Medical Parasitology. Post Graduate Institute of Medical Education and Research, Chandigarh, India

1978-1982 B.Sc. in Medical Laboratory Science. Iran Medical Science University, Tehran-Iran

Work experience:

1382-1399 Faculty member of Pasteur Institute of Iran, Dept. of Parasitology

1366-1375 Laboratory experts (Pasteur Institute of Iran)

1364-1366 Head of one of the welfare organization center

1361-1364 Teacher of handicaps students in Welfare Organization

Projects:

- Role of parasite and host factors in pathogenesis of trichomoniasis. (Ph.D. thesis)
- Study of prevalence rate of trichomoniasis in women attending gynecology clinics in Amol city.
- Isolation and polymorphism analysis of *Trichomonas vaginalis* from women in penitentiaries of Tehran province.
- Molecular epidemiology study of trichomoniasis in women attending in gynecology clinics in Mazandaran province.
- Molecular identification and characterization of genotype of *Acanthamoeba* and *Microsporidia* in corneal scraping samples in patients with keratitis referring to Farabi hospital.
- Cloning, expression, purification and antigenicity evaluation of *Fasciola hepatica* saposin-like protein-2 (FhSa-P2) for development of a diagnostic test.
- Cloning, expression, purification of Cystein proteinase LAP and FhFtn-1 gene of *Fasciola hepatica* parasite, and compare it's antigenicity with protein FhSAP2 in ELISA test for diagnosis of fascioliasis.

As coworker in the following projects:

- The secondly study of anti-Malaria drug Eosin B.
- Optimization of expression and purification of recombinant *Toxoplasma* ROP1 antigen, and evaluation of the purified protein in *Toxoplasma* IgM ELISA.
- Isolation and molecular characterization of *Neisseria gonorrhoeae* isolated from vaginal discharge of imprisoned ladies.
- Polymorphisms in the *Plasmodium falciparum* pfctr, pfmd₂, dhfr and dhps gene and Pyrimethamine clinical response to Chloroquine, Pyrimethamine-sulfadoxine in endemic area of Iran.
- Identification and typing of *Leishmania* species in endemic foci of Iran (Khorasan, Fars, Esfahan, Khuzestan, Ardabil, Kerman, Yazd and Qom states).

- The effect of Eosin B in combination with Chloroquine or/and Artimizinine in murine model *in vivo*, and the study of its metabolite effect with Chloroquine by HNMR spectroscopy method *in vivo* and *in vitro*.

Thesis supervisor/co supervisor:

- Expression and development of recombinant HydI protein with the approach of biochemical characteristic for diagnosis of human hydatid cyst (M.Sc.).
- Cloning and Expression of the Engineered B8/1 gene of *Echinococcus granulosus* by Focusing on Diagnosis of Hydatid cyst (M.Sc.).
- Production of Recombinant *Echinococcus granulosus* B8/2 gene by Cloning and Expression in order to use for diagnosis of human hydatidosis (M.Sc.).
- The study of seroparasitology trichomoniasis in women attended to health centers in Guilan province (M.Sc.).
- Cloning of *Fasciola hepatica* LAP(Lucine aminopeptidase) gene and it's expression in *E.coli* (M.Sc.).
- Cloning, expression and purification of *Fasciola hepatica* saposin-like protein-2 (FhSa-P2) (M.Sc.).
- Development avidity ELISA tests for discriminating acute from chronic Toxoplasmosis using GRA8 Recombinant protein (M.Sc.).
- The prevalence of *Trichomonas vaginalis* by PCR method in women refer to Gynecology clinic (M.Sc.).
- *Giardia* assemblage of human and animal population in Urmia city (Ph.D.).
- Development avidity ELISA tests for discriminating acute from chronic *Toxoplasma* infection using recombinant proteins (M.Sc.).

- Prevalence, Biology and Molecular studies of *Trichomonas vaginalis* from infected patients in Iran (Ph.D).
- The survey on *Trichomonas vaginalis* virus and ferredoxine gene mutation in clinical isolates of *Trichomonas vaginalis* from infected women (M.Sc.).
- Study of prevalence rate of infection in urogenital system of women by *Chlamedia trochomitis* and *Trichomonas vaginalis* in Karaj city (M.Sc.).

ثبت اختراع: فرایند بیان و ریفرولد پروتئین نو ترکیب فاقد سیگنال پپتید SAP-2 در میزبان *E.coli* و استفاده از آن در تشخیص بیماری فاسیولیازیس به روش الیزا به شماره 97468 مورخ 97/10/1 ثبت گردید.

تالیف کتاب: تریکومونیاژیس، بیماری منتقله از طریق روابط جنسی

ترجمه کتاب: Role of Apoptosis in Infectious

Technical skills:

- Performing diagnostic laboratory tests
- ELISA and Immunofluorescent techniques
- Cultivation of cell lines
- Cultivation of protozoa
- CCIE
- PCR
- Experimental animal models infection
- Cultivation of cell lines for maintenance and immunological studies of Rabies virus
- Cultivation and maintenance of *Trichomonas vaginalis*.
- Axenic culture of *Trichomonas vaginalis* trophozoites (TY1-S-33 medium)
- Isolation, cultivation and maintenance of *Leishmania parasites* from sandfly.
- Diagnosis of parasites by direct and serological methods.
- Inoculation of parasites in animal models

Workshops:

- 1- کارگاه آموزشی دو روزه تئوری و عملی تشخیص تریکوموناس واژینالیس
- 2- کارگاه آموزشی دو روزه روش های تشخیص آزمایشگاهی توکسوپلاسموزیس
- 3- کارگاه آموزشی سه روزه تئوری و عملی تشخیص بیماری هیداتیدوزیس به روش وسترن بلاتینگ و الایزا
- 4- کارگاه آموزشی سه روزه تئوری و عملی بررسی تشخیص بیماری فاسیولا به روش وسترن بلاتینگ و الایزا
- 5- پژوهشهای مولکولی با تاکید بر PCR
- 6- روشهای کشت انگل لیثمانیا و روشهای کشت آن

Workshops Attended:

- کارگاه اصول کنترل کیفی در آزمایشگاههای میکروب شناسی.
- دوره ایمنی زیستی. کمیته راهبردی آموزش انستیتو پاستور ایران.
- روشهای مولکولی (PCR).
- آنالیز مایعات بالینی.
- کارگاه QF-PCR و نقش آن در تشخیص بالینی و قبل از تولد.
- کارگاه تخصصی کار با حیوانات . انستیتو پاستور ایران.
- کارگاه دانش افزایی اساتید با عنوان "اندیشه سیاسی و مبانی انقلاب اسلامی"
- کارگاه آموزشی احکام دین. کمیته راهبردی آموزش انستیتو پاستور ایران.
- کارگاه دوره بیوانفورماتیک و کار برد داده در بیوتکنولوژی.
- کارگاه دانش افزایی اساتید با عنوان "اخلاق علمی و حرفه ای" در انستیتو پاستور برگزار گردید.
- کارگاه سیستم مدیریت کیفیت در نمونه گیری آزمایشگاهی
- کارگاه بیماریهای متابولیک ارثی
- Introduction to biostatistics and functional use of SPSS software workshop,
- Novel Application of Multiplex Real Time PCR, Which was held on The 5th International & 10th National Congress on Quality Improvement in Clinical Laboratories.

- Micro Satellite Analysis & SSCP based Mutation Screening, which was held on 4th and 5th Oct. 2005, introductory and practical courses in DNA / RNA Analysis.
- The first joint workshop on Laser Microdissection, which was held on 25th and 26th June 2005, by Cancer Research Center, Cancer Institute of I.R. Iran.
- Introductory to Applied Microbiology, which was held on 21st –25th Nov. 2004, by Iran Scientific and industrial Research Organization.
- New in Cutaneous Leishmaniasis, held on 11th and 12th May 2005, by Education and Research of Skin and Lepra diseases, Tehran University.

Teaching:

- Teaching of Biosafety to M.Sc. students, University of Applied Sciences & Technology.
- Teaching of Parasites Biology to M.Sc. students, University of Applied Sciences & Technology.
- Teaching of Technical language to M.Sc. students, University of Applied Sciences & Technology .
- Teaching of Comparative Cytology and Histology to M.Sc. students, University of Applied Sciences & Technology.
- Teaching of Cellular Biology to M.Sc. students, University of Applied Sciences & Technology.
- Teaching of Tissue and cell culture to M.Sc. students of Sports Physiology, University of Applied Sciences & Technology.
- Teaching of Practical Parasitology to B.Sc. students of Microbiology, Department of Drug Basic Science. Azad University.
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- Teaching of medical parasitology to M.S c. students of Pasteur Institute of Iran.
- Practical teaching of Protozoology to M.Sc. students of Pasteur Institute of Iran.
- Theory teaching of Protozoology to M.Sc. students of cellular and molecular biology.

- Teaching of Practical Protozoology to B.Sc. students of Microbiology, second term, Dept. of Microbiology, Punjab University, Chandigarh, India. 2001

Membership:

- Member of Parasitology society.
- Member of Medical System Organization.

Language Skills:

Farsi (native), English (fluent).

Publication:

- Sedigheh Sadeghi, **Zarrintaj Valadkhani**, Alireza Sadeghi Tafreshi, Mohammad Arjmand, Hossein Nahravanian, Farideh Vahabi, Neda Soori, Maryam Mohammadi, Masoomeh Meigooni, and Zahra Zamani. A Study of Synergy of Combination of Eosin B with Chloroquine, Artemisinin, and Sulphadoxine- yrimethamine on *Plasmodium falciparum In Vitro* and *Plasmodium berghei In Vivo*. Hindawi Journal of Tropical Medicine. Volume 2020, Article ID 3013701, 10 pages.
- Kia Dastani, Mahdi Moghimi Zand, Hanie Kavand, Reza Javidi, Amin Hadi, **Zarrintaj Valadkhani** & Philippe Renaud . Effect of input voltage frequency on the distribution of electrical stresses on the cell surface based on single-cell dielectrophoresis analysis. Scientific Reports (Natureresearch), (2020) 10:68.
- Abdolali Chalechale, Mohammad Mahdi Zangeneh, Akram Zangeneh, Yazdan Hamzavi, **Zarrintaj Valadkhani**. Chemical characterization and anti-parasitic property of essential oil of *Coriandrum sativum* leaf against *Trichomonas vaginalis*. Iranian J Pharmacol Ther. 2019 (February); 17:1-7.
- Sareh Bashiri, Fahimeh Nematı Mansoor, **Zarrintaj Valadkhani**. Expansion of a highly sensitive and specific ELISA test for diagnosis of hydatidosis using recombinant EgB8/2 protein. Iran J Basic Med Sci. 2019; 22: 134-139.
- Tahereh Faramarzia, Meysam Mobasheria, Asiyeh Yoosefy, **Zarrintaj Valadkhani**, Expression and purification of truncated recombinant B8/1 protein of *Echinococcus granulosus* for diagnosis of hydatid infection in human. Acta Tropica 2019; 191: 139–145.
- Abolfazl Mirzadeh, Asiyeh Yoosefy, Elham Kazemirad, Zahra Barati1, Majid Golkar, Jalal Babaie, Farid Jafarihaghighi, **Zarrintaj Valadkhani**. Evaluation of a set of refolded recombinant antigens for serodiagnosis of human fascioliasis. PLoS ONE, 2018, 13(10): e0203490.

- Asiyeh Yoosefy, Abolfazl Mirzadeh, Jalal Babaie, Majid Golkar, **Zarrintaj Valadkhani**. High-Level Expression of Recombinant Saposin-Like Protein-2 of *Fasciola hepatica* and its Single Step Purification. Journal of Chemical and Pharmaceutical Research, 2018, 10(4): 29-34.
- Mirzadeh A, **Valadkhani Z**, Yoosefy A, Babaie J, Golkar M, Esmaili Rastaghi AR, Kazemi-Rad E, Ashrafi K. Expression, purification and in vitro refolding of the recombinant truncated Saposin-like protein 2 antigen for development of diagnosis of human fascioliasis. Acta Trop. 2017 Jul; 171:163-171.
- Ramezani R, Assmar M, **Valadkhani Z**. Seroparasitological Investigation of Trichomoniasis in Women Referred to Healthcare Centers of Rasht City. IJMM 2017; 11(3): 78-84
- **Zarrintaj Valadkhani**, Hassan N, Aghighi Z, Mostafavi E. Protective role of *Lactobacillus acidophilus* against vaginal infection with *Trichomonas vaginalis*. Mediterr J.Bio. 2016, 1(2), 50-54.
- Ghamiloui MM, **Valadkhani Z**, Rahimi F A Study of Microsporidiosis in Corneal Scrapings of Keratitis Patients Referring to Farabi Eye Hospital, Tehran, Iran in 2013-14. Curr Med Mycol. 2015; 1(3):39-44.
- Manshoori A, Mirzaei S, **Valadkhani Z**, Kazemi Arababadi S, Rezaeian M, Zainodini N, Bah-ramabadi R, and Zare-bidaki M. A Diagnostic and Symptomatology Study on Trichomoniasis in Symptomatic Pregnant Women in Rafsanjan, South Central Iran in 2012-13. Iran J Parasitol: Vol. 10, No. 3, Jul -Sep 2015, pp.490-497.
- Mir Mostafa Ghamiloui, **Zarrintaj Valadkhani**, Fariba Khoshzaban. Species Identification of *Acanthamoeba* Strains Isolated from Patients Referring to Farabi Eye Reference Center Using PCR-RFLP Method. J Med Microbiol Infec Dis, 2014, 2 (3): 125-129.
- Ghamilouie MM, **Valadkhani Z**, Rahimi F., Khoshzaban F., Aghighi Z, Hassan N. Isolation and Genotyping of *Acanthamoeba* Strains from Corneal Scraps. Iranian J Ophth; 2014, 26(2):97-101.
- **Zarrintaj Valadkhani** , Nayrreh Hassan , Zohreh Aghighi. A Survey Study of *Trichomonas Vaginalis* Infection in Unmarried Male Referred to Farmanfarmaean Clinic. Scimetr. 2013 Oct; 1(1): e14428. DOI: 10.5812/scimetr.14428
- Heidary S, Bandehpor M, Seyyed –Tabaee SJ, **Valadkhani Z**, Haghighi A, Abadi AR, Kazemi B. Ferredoxin Gene Mutation in Iranian *Trichomonas vaginalis* Isolates. Iranian J Parasitol: 2013; Vol. 8, No.3, pp. 402-407
- **Zarrintaj Valadkhani**, Hanieh Kavand, Nayerreh Hassan, Zohreh Aghighi, Ehsan Mostafavi. 2013. Protective Role of *Lactobacillus acidophilus* against vaginal infection. J. Res. Nurs. & Mid. (JRNM), 2013; Vol. 2(2).

- Heidary S, Bandehpor M, **Valadkhani Z**, Seyyed –Tabaee SJ, Haghighi A, Abadi AR, Kazemi B. Double-Stranded RNA Viral Infection in Tehran *Trichomonas vaginalis* Isolates. Iranian J Parasitol: 2013; Vol. 8, No.1, pp. 60-64
- **Valadkhani Z**, F Kazemi, N Hassan, Z Aghighi, I Esmaili, M Talebi. 2011. Gene diversity of *Trichomonas vaginalis* isolates. IJPa, Vol.6, p 101-106.
- **Valadkhani Z.**, F Kazemi, M Assmar, A Amirkhani, B Esfandeari, M Lotfi, S Ghobadirad, N Hassan, Z Aghighi. 2010. Molecular Diagnosis of Trichomoniasis in Negative Samples Examined by Direct Smear and Culture. IJPa, Vol. 5, p 31-36.
- **Valadkhani Z**, Assmar M, Hassan N, Aghighi Z, Amirkhani A, Kazemi F, Esmaili I, Samandar M, Moradynasab M, Sabzali T, Dastpak N. The prevalence of Trichomoniasis in high risk behavior women attending the clinics of Tehran province penitentiaries. IJMS. 2010; 35(3): 190-194
- Shahcheraghi F. Shafiei M. and **Valadkhani Z**. Detection of *Neisseria gonorrhoeae* from vaginal swabs of Evin, Rajaii Shahr Karaj and Varamin female prisoners by PCR and culture methods. Pak. J. Biol.Sci. 2010; 13 (4): 198-200
- **Valadkhani Z**, Assmar M, Hassan N, Aghighi Z, Amirkhani A, Kazemi F, Esmaili I, Samandar M, Moradynasab M, Sabzali T, Dastpak N. The prevalence of Trichomoniasis in high risk behavior women attending the clinics of Tehran province penitentiaries. Giornale Italiano Di Medicina Tropicale, 2010; 14: 43-46.
- **Valadkhani Z**, Assmar M, Esfandiari B, Amirkhani A, Hassan N, Lotfi M, Ghobadi –rad S. Trichomoniasis in asymptomatic Patients. Iranian J Pub.Heal. 37, 2008; 3: 113-117.
- **Valadkhani Z**, Sharma S, Harjai K, Gupta I, and Malla N. Role of *Lactobacillus acidophilus* on Adhesion of *Trichomonas vaginalis* isolated from symptomatic and asymptomatic women to vaginal epithelial cells. J. Urmia University of Med. Sc. 2006; 17(3), 241-245.
- **Valadkhani Z**, Sharma S, Harjai K, Gupta I and Malla N. Superoxide Radical Formation in PMN Isolated from Experimental Vaginal Trichomoniasis Induced with Strains Isolated from Symptomatic and Asymptomatic Women. Iranian J Public Health, 2006; 35: 79-82
- **Valadkhani Z**, Sharma S, Harjai K, Gupta I and Malla N. Evaluation of *Trichomonas vaginalis* isolates from symptomatic and asymptomatic patients in mouse model., Iranian J Public Health, 2004; 33: 60-66.

- **Valadkhani Z.** Role of pH on adhesion of *Trichomonas vaginalis* isolated from symptomatic and asymptomatic women to vaginal epithelial cells in vitro. Iranian J Med. Sc. 2004; 134-139.
- Malla N, **Valadkhani Z**, Harjai K, Sharma S, Gupta I. Reactive nitrogen intermediates in experimental trichomoniasis induced with isolates from symptomatic and asymptomatic women. Parasitol Res. 2004; 94: 101-105
- **Valadkhani Z**, Sharma S, Harjai K, Gupta I, Malla N. In vitro comparative kinetics of adhesive and haemolytic potential of *T.vaginalis* isolates from symptomatic and asymptomatic females. Indian J Pathol Microbiol. 2003; 46(4): 693-9.
- Assmar M, Milaninia A, Amirkhani A, Yadegari D, Forghanparast K, Nahrevanian H, Piazak N, Esmaeli AR, Hovanesian A, **Valadkhani Z**. Sero-epidemiological investigation of Fascioliasis in northern Iran, Medical Journal of IR Iran, 1991; 5(1,2): 23-27.

Seminars and Conferences:

- Bashiri S, Nemati Mansoor F, **Valadkhani Z**. ELISA test for diagnosis of hydatidosis using recombinant EgB8/2 protein. 11th International Congress of Laboratory and clinic. 1397, Day 26-28.
- **Zarrintaj Valadkhani**, Asiyeh Yoosefy, Abolfazl Mirzadeh. Evaluation of Ferritin (fhftn-1) recombinant antigen for serodiagnosis of human Fascioliasis. 14th International Congress of Parasitology. ICOPA 2018, 19-24 August 2018. Daegu, Korea.
- **Zarrintaj Valadkhani**, Abolfazl Mirzadeh, Asiyeh Yoosefy, Jalal Babaie. Diagnosis of human fascioliasis using recombinant truncated Saposin- like protein 2 of *Fasciola hepatica*. EMOP XII – the 12th European Multicolloquium of Parasitology, 20- 24July 2016. Turku, Finland.
- Yoosefy A, **Valadkhani Z**. Expression of Rrecombinant Saposin-like protein-2 (SAP-2) of *Fasciola hepatica* in BL21plyss (DE3). Iranian Society of Microbiology. 25-27 August, 2015, Tehran, Iran.
- **Valadkhani, Z.** Safaee, M. Sohrabi. Prevalence of *Trichomonas vaginalis* infection among Iranian women using P270 gene. 9th European Congress on Tropical Medicine and International Health. 6-10 Sept. 2015. Basel-Swiss.
- **Valadkhani Z**, Mirzadeh A, Yoosefi A. Cloning of Saposin-like protein 2 (SAP2) gene of *Fasciola hepatica* in expression vector. 2nd International and 9th National Iranian Congress of Parasitology (NICOPA), 20-22 May, 2015, Guilan- Iran.

- Safaee Z, **Valadkhani Z**, Sohrabi. Prevalence of *Trichomonas vaginalis* infection in women attended in gynecology clinics Tehran, Iran. 2nd International and 9th National Iranian Congress of Parasitology (NICOPA), 20-22 May, 2015, Guilan- Iran.

- **Zarrintaj Valadkhani**, Mir Mostafa Ghamilouie, Fariba Khoshzaban. Species Identification of *Acanthamoeba* isolates from keratitis patients by PCR-RFLP method. 4th joint Congress of the DGHM & VAAM, October 05th -08th, 2014. Dresden, Germany.

- **Valadkhani Z**. Ghamiloui MM. Rahimi F. Study of Microsporidiosis in corneal scraping of keratitis patients. 15th International and Iranian Congress of Microbiology. 26-28 August 2014, Tehran, Iran

- Aghighi Z, **Valadkhani Z**, Hassan N. Aghighi M. Survey of toxoplasmosis in women with spontaneous abortion. The 22th Iranian congress on infectious disease and tropical medicine. Jan. 25-29, 2014.

- **Valadkhani Z**, Ghamilouie MM, Rahimi F, Khoshzaban F, Hassan N, Aghighi Z. Genotyping of *Acanthamoeba* strains from corneal scrap. The 22th Iranian congress on infectious disease and tropical medicine. Jan. 25-29, 2014

- **Valadkhani Z**, Ghamilouie MM, Rahimi F, Khoshzaban F, Hassan N, Aghighi Z. Isolation of *Acanthamoeba* from keratitis patients referred to Farabi hospital. The 6th International & 11th National Congress on Quality Improvement in Clinical Laboratories. 1392/01/31 - 02/03 (April, 23-26, 2013- Tehran, Iran

- **Valadkhani Z.**, Hassan N., Ghamilooye M.M., Aghighi Z. Detection of *Acanthamoeba* in water supply. The 21th Iranian congress on infectious disease and tropical medicine. Jan. 19-23, 2013

- Aghighi Z, Hassan N, **Valadkhani Z**, Naddaf SR. Detection of anti-leptospirosis antibody in patients referred to Pasteur Institute of Iran. The 21th Iranian congress on infectious disease and tropical medicine. 2013; Jan. 19-23,

- Heidari S, Kazemi B, SeyyedTabaei J, Bandehpour M, **Valadkhani Z**. The survey on *Trichomonas vaginalis virus* in Tehran *Trichomonas vaginalis* isolates. 1st international & 8th national congress of parasitology & parasitic diseases in Iran. , 2012; Oct. 16-18, Kerman, Iran

- **Valadkhani Z**, Aghighi Z, Hassan N, Kavand H, Ghamilooye MM. Experimental model for trichomoniasis. 1st international & 8th national congress of parasitology & parasitic diseases in Iran. Oct. 16-18, 2012, Kerman, Iran.

- **Valadkhani Z**, Aghighi Z, Hassan N. Haemolytic activity of *Trichomonas vaginalis* for human RBCs. The 5th International & 10th National Congress on Quality Improvement in Clinical Laboratories. 2012; April,23-26, Tehran, Iran
- **Valadkhani Z**, Aghighi Z, Hassan N. Role of *Lactobacillus acidophilus* on adhesion of *Trichomonas vaginalis* to vaginal epithelial cells. The 20th Iranian congress on Infectious diseases and Tropical Medicine. Dec. 31.2011- Jan. 4. 2012.
- **Zarrintaj Valadkhani**, Kazemi F, Hassan N, Z.Aghighi. Analyzing of *Trichomonas vaginalis* isolates by using different primers. International Union of Microbiological societies 2011 Congress, Sapporo, Japan.
- Aghighi Z. Aghighi M. Hassan N. Aghighi M. **Valadkhani Z**. Survey of antibodies against *Toxoplasma gondii* in women habitual abortion. 7th National and the 2nd Regional Congress of Parasitology and parasitic diseases in Iran, 2010; Tehran; 19th -21th Oct.
- **Valadkhani Z**, Shahcheraghi F, Shafiei M, Hassan N, Aghighi Z, Kazemi F. Detection of *Trichomonas vaginalis* and *Neisseria gonorrhoeae* from vaginal discharge of women attended in gynecology clinics. International Journal of Infectious Diseases, 2010Volume 14, Supplement 2, July, Pages S83
- **Valadkhani Z**, Kazemi F, Amirkhani A, Aghighi Z, Hassan N. The study on gene diversity of *Trichomonas vaginalis* isolates. 7th National and the 2nd Regional Congress of Parasitology and parasitic diseases in Iran, 2010Tehran; 19th - 21th Oct.
- **Valadkhani 2010Z**, Kazemi F, Amirkhani A, Talebi M, Hassan N, Aghighi Z. Analysis of *Trichomonas vaginalis* isolates from prisoners women by RAPD method. 12th International Congress of Parasitology, Melbourne, Australia. 15th-20th August.
- **Valadkhani Z**, Kazemi F, Amirkhani A, Talebi M, Hassan N, Aghighi Z. Analysis of *Trichomonas vaginalis* isolates from prisoners women by RAPD method. 11th Iranian Genetic Congress. 2010; 22-24 May. Tehran, Iran.
- **Valadkhani Z**, Assmar M, Kazemi F, Esfandeari B, Amirkhani A, Lotfi M, Ghobadi-rad S. Hassan N, Aghighi Z. Molecular diagnosis of trichomoniasis in apparently negative samples. 10th Iranian congress of Biochemistry & 3th international congress of Biochemistry and molecular biology, 2009; 16-19Nov. Tehran, Iran.
- Kazemi F, Kazemi B, **Valadkhani Z**, Alizadeh R, Hooshyar H, Arbabi M. Comparison study of clinical and microscopical diagnosis of Trichomoniasis. 10th Iranian congress of Biochemistry & 3th international congress of Biochemistry and molecular biology. 2009, 16-19Nov.Tehran, Iran.
- **Valadkhani Z**. Kazemi F. Hassan N. Aghighi Z. Esmaili I. Samandar M. Diagnosis of *Trichomonas vaginalis* in Patients and correlation with clinical

presentation. The 3th Iranian Congress of Clinical Microbiology. 2009; 6-8 Oct. Shiraz-Iran.

- **Valadkhani Z.** Assmar M. Hassan N. Aghighi Z. Kazemi F. Esmaili I. Moradynasab M. and Sabzali Touran H. The prevalence of trichomoniasis among a high risk behavior group of women in Rajae Shahr prison. The 6th European Congress on Tropical Medicine and International Health. 2009; 6-10 Sep. Verona – Italy.
- Aghighi Z. Hassan N. **Valadkhani Z.** Aghighi M. Epidemiological study of toxoplasmosis by IFA in women referred to laboratory in year 1378. The 18th Iranian congress on Infectious diseases and Tropical Medicine. 2009; 12-16 Dec.
- Hassan N. **Valadkhani Z.** Aghighi Z. Kazemi F. Comparison study of *Trichomonas vaginalis* by microscopy and culture methods. The 18th Iranian congress on Infectious diseases and Tropical Medicine. 2009; 12-16 Dec.
- **Valadkhani Z.** Assmar M. Hassan N. Aghighi Z. Kazemi F. Dastpak N. Aghaee H. Prevalence of Trichomoniasis among women attending in gynecology clinic of Varamin prison. 2th International and 1th National Congress on Quality Improvement in Clinical Laboratory. 2009; 20-23 April. Tehran-Iran.
- Shafiei M. **Valadkhani Z.** Noveiri H. Abdollahi S. Shahcheraghi F. Isolation and detection of *N.gonorrhoeae* by PCR and culture methods from vaginal swabs of Evin and Varamin jailed women. 10th Iranian Congress on Microbiology. 2009; 20-23 May. Elam- Iran
- **Valadkhani Z.** Assmar M. Hassan N. Aghighi Z. Farnia M. Samandar M. Moradynasab M. The prevalence of Trichomoniasis in high risk behavior group women attending in penitentiaries clinics of Tehran province. Xth European Multicolloquium of Parasitology. 2008; August, 24-28. Paris-France
- Kazemi F. Kazemi B. Houshyar H. Arbabi M. Hosainzadeh N. **Valadkhani Z.** Zareikar B. Alizadeh R. Study the prevalence of *Trichomonas vaginalis* infection in women referred to Maryam hospital In Tehran city in year 1388. The 7th Iranian Congress on Infectious Disease and Tropical Medicine. 2008; Tehran-Iran.
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