

Samira Salari CV

Last update: October 2, 2021

sa_salari@kmu.ac.ir



EDUCATION

- 1- [2015- 2016] Kerman University of Medical Sciences, Kerman, Iran (Fellowship in Medical Education)
- 2- [2007-2012] University Of Tehran (FVM-UT), Tehran, Iran (Ph.D. of Mycology) : 17.67 (out of 20).

HONORS AND AWARDS

- 1) Top researcher of Medical Mycology and Bacteriology Research Center, Kerman University of Medical Sciences, Kerman, Iran- December 2021.
- 2) Top researcher of Tropical Infectious Diseases Research Center, Kerman University of Medical Sciences - December 2017.
- 3) The owner of the selected intra-university process of the 8th Shahid Motahari Educational Festival entitled "Meta-synthesis of mycology education products for medical students: efficiency and effectiveness" - May 2016.
- 4) 1st prize for the best original article published in oral and maxillofacial diseases at the 13th Annual Dental Symposium of Dr. Ahmad Hedayat- May 2014.

RESEARCH INTERESTS

- Vaccine Development for infectious diseases.
- Antifungal susceptibility tests.
- Molecular mechanisms of antifungal resistance.
- New methods in the diagnosis of fungal infection.
- Antimicrobial properties of probiotics, prebiotics, herbal medicinal plants and their derivatives, and antifungal drugs on various fungi and parasites.
- Synthesis of nanoparticles from plants and investigation of their antimicrobial and cytotoxic effects.
- Antimicrobial and cytotoxic properties of natural compounds or synthetic chemicals on various fungi, and parasites.
- Gene knockout/ Gene knocking

SKILLS

- Real time PCR
- Live recombinant vaccine Development
- Nanoparticles
- PCR
- DNA and RNA extraction
- Nested PCR
- LAMP
- RAPD
- PCR-RFLP
- Primer Design
- Antifungal Susceptibility methods
- Computer knowledge: Software: Word Office, Power Point Office, SPSS, Excel and Photoshop), GIS
- Hardware: Computer assembly, Troubleshooting

WORKING EXPERIENCES

1. [October 2021 - présent], Member of the Research Council of the Student Research Committee, Kerman University of Medical Sciences, Kerman, Iran.
2. [October 2019 - présent], Member of the Research Council of Medical Mycology and Bacteriology Research Center (MMBRC), Kerman University of Medical Sciences, Kerman, Iran.
3. [October 2019 - présent], Founding Board and Academic Member, Medical Mycology and Bacteriology Research Center (MMBRC), Kerman University of Medical Sciences, Kerman, Iran.
4. [July 2010 - présent], Academic Member, Tropical Infectious Diseases Research Center, Kerman University of Medical Sciences, Kerman, Iran.
5. [September 2012 - présent], Assistant Professor, Department of Parasitology and Mycology, School of Medicine, Kerman University of Medical Sciences, Kerman, Iran.
6. [March 2009 – February 2012], Scholarship of Department of Parasitology and Mycology, School of Medicine, Kerman University of Medical Sciences, Kerman, Iran.

EXPERIENCES OF SUPERVISING, ADVISING, AND REFERRING STUDENT THESES

1. Supervising one master's thesis entitled "Evaluation of Antifungal, cytotoxic and apoptotic effects of Magnesium oxide (MgO) on different *Candida* species in vitro condition" (Continuing).
2. Supervising one master's thesis entitled "Evaluation the antifungal effect of *Lactobacillus reuteri* on *Candida* species isolated from HIV-positive patients" (One paper published).
3. Supervising one master's thesis entitled "Evaluation of Antifungal, cytotoxic, and apoptotic effects of ZnO and TiO₂ on different *Candida* species in vitro condition" (One paper published).

4. Supervising one master's thesis entitled "Molecular identification of *Candida* species isolated From affected by HIV and healthy persons using Real-time PCR - High-Resolution Melting Analysis" (One paper published).
5. Supervising one master's thesis entitled "Evaluation of the antifungal effect of different fractions of *Salvia rhytidea Benth.* on various species of *Candida*" (One paper published).
6. Supervising one master's thesis entitled "Evaluation of Antifungal effect of two probiotic species on *Candida albicans* isolates isolated from HIV + and healthy individuals in Kerman" (One paper published).
7. Supervising one master's thesis entitled "Evaluation of the antifungal effect of iron oxide nanoparticles on different *Candida* species compared to fluconazole" (Two papers published).
8. Supervising one master's thesis entitled " diagnosis and determination of the frequency of Onychomycosis using clinical signs and microscopic micrometric findings" (One paper published).
9. Supervising one master's thesis entitled "Molecular identification of *Candida* species isolated from the respiratory tract of patients with cystic fibrosis by PCR-RFLP method" (One paper published).
10. Supervising one master's thesis entitled "Prevalence of *C. dublinensis* among *C. albicans* species isolated from Candidal vaginitis and evaluation of proteinase and coagulation activity of isolated isolates" (One paper published).
11. Supervising one master's thesis entitled "Identification of *Candida* species isolated from patients with candidiasis by PCR-RFLP method and evaluating *Salvia rhytidea Benth*" (Two papers published).
12. Advising one master's thesis entitled "Investigation of the molecular phylogeny of Plasmodium species on 18S rRNA gene using clinical specimens of peripheral blood expansion in the southeast of Iran" (One paper published).
13. Advising one master's thesis entitled "Evaluation effects of biogenic selenium nanoparticles on ERG11 & CDR1 gene in fluconazole-resistant *Candida albicans* by Real-time PCR method" (One paper published).

14. Advising one master's thesis entitled "Molecular identification and antifungal susceptibility profile of *Candida* species isolated from patients with vulvovaginal candidiasis in Kerman in 2020 to 2021" (Continuing).
15. Advising one master's thesis entitled "Evaluation of antifungal and cytotoxic effects of moronecidin-like peptide against standard strains of *C. glabrata*, *C. albicans*, and *C. tropicalis* in vitro."
16. Advising one Doctor of Dental Medicine's thesis entitled "A Survey of the Attitudes of Iranian Dentists Participating in the 52nd Annual Scientific Congress of the Dental Association."
17. Refereeing one master's thesis entitled "Comparison of antifungal effects of selenium nanoparticles on *A. fumigatus* and *C. albicans* with nystatin and amphotericin B in vitro"
18. Refereeing one master's thesis entitled "Study of the antagonistic effect of soil actinomycetes in Kerman against *Microsporum gypsum*, *Microsporum canis* and *Trichophyton mentagrophytis*,..."
19. Refereeing one master's thesis entitled "Evaluation of colonization of *Aspergillus* species in the lungs of patients with COPD"
20. Refereeing one master's thesis entitled "Evaluation of coagulase gene polymorphism in *Staphylococcus aureus* samples isolated from patients admitted to Zabol hospitals using PCR-RFLP"
21. Refereeing one master's thesis entitled "Epidemiological status of cutaneous leishmaniasis in Abadanan city as a new outbreak and determination of parasite species by High-resolution melting PCR analysis in 2016-2017."
22. Refereeing one Doctor of Pharmacy thesis entitled "Cream formulation containing extracts of *Matricaria aurea* and *Fumaria parviflora* with potential antifungal effects and Evaluation of its physicochemical properties."
23. Refereeing one Doctor of Pharmacy thesis entitled "Investigation of antifungal effects of aqueous and methanolic extracts of apricot."
24. Refereeing one Doctor of Pharmacy thesis entitled "*In vitro* Evaluation of the antifungal effect of 30 plant extracts and essential oils against the two fungi *Petrossporum oval* and *Petrossporum orbicular* and suitable anti-dandruff shampoo formulations and its comparison with existing commercial products. "

FUNDING AND COLLABORATIONS IN RESEARCH PROJECTS

1. Evaluation of recombinant live vaccine against experimental cutaneous leishmaniasis -The National Institute for Development of Medical Research (NIMAD) (Third Executor-Investigator) - 2017-02 to 2021-05– **Grant**.
2. Evaluation of the antifungal effect of *Lactobacillus reuteri* on Candida species isolated from HIV-positive patients (Executor). The Research Deputy of Kerman University of Medical Sciences, 2019-07 to 2021- **Grant**.
3. Evaluation of biofilm production and the expression of the genes involved in its development in different species of Candida isolated from HIV-infected people (Executor). The Research Deputy of Kerman University of Medical Sciences, 2019- 06 to 2020-11 | **Grant**
4. Evaluation of cytotoxic, necrotic, and apoptotic effects of *Lactobacillus acidophilus* and *lactobacillus plantarum* on different Candida species isolated from affected by HIV patients (Executor). The Research Deputy of Kerman University of Medical Sciences, 2019-10 to 2020-12 | **Grant**
5. Molecular identification and antifungal susceptibility profile of Candida species isolated from patients with vulvovaginal candidiasis in Kerman in 2020 to 2021 (co-worker) 2020-01 to present.
6. Evaluation of Antifungal, cytotoxic, and apoptotic effects of ZnO and TiO₂ on different Candida species *in vitro* condition (Executor). The Research Deputy of Kerman University of Medical Sciences, 2019-03 to 2020-11 |**Grant**.
7. Evaluation of antifungal and cytotoxic effects of moronecidin-like peptide against standard strains of Candida glabrata, Candida albicans, and Candida tropicalis *in vitro* (third Executor), 2019-10 to present.
8. Molecular identification of Candida species isolated from affected by HIV and healthy persons using Real-time PCR – High-Resolution Melting Analysis (Executor). The Research Deputy of Kerman University of Medical Sciences, 2018-03 to 2020-11 |**Grant**.

9. Detection of urban-type leishmaniasis by microscopic, LAMP, and Real-time PCR methods (co-worker). The Research Deputy of Kerman University of Medical Sciences, 2016-10 to 2020-12.
10. Evaluation of the antifungal effect of different fractions of *Salvia rhytidea Benth* on various species of *Candida* (Executor). The Research Deputy of Kerman University of Medical Sciences, 2017-11 to 2020-12 |**Grant**.
11. Evaluation of the antifungal effect of *Lactobacillus rhamnosus* and *lactobacillus plantarum* on non-albicans *Candida* isolates isolated from HIV⁺ individuals (Executor). The Research Deputy of Kerman University of Medical Sciences, 2016- 08 to 2021- 02 |**Grant**.
12. Investigation of the molecular phylogeny of *Plasmodium* species on 18S rRNA gene using clinical specimens of peripheral blood expansion in the southeast of Iran (co-worker). The Research Deputy of the Kerman University of Medical Science, 2018-02 to 2020 - 07 |**Grant**.
13. Evaluation effects of biogenic selenium nanoparticles on ERG11 and CDR1 genes in fluconazole-resistant *Candida albicans* by Real-time PCR method (co-worker), 2017-1 to 2018-02.
14. Determination of antifungal susceptibility pattern of *Candida albicans* isolates to antifungal drugs in comparison with *Salvia rhytidea benth* (Executor)- The Research Deputy of Kerman University of Medical Sciences, 2017-03 to 2017-09 |**Grant**.
15. Evaluation of the antifungal effect of two probiotic species on *Candida albicans* isolates isolated from HIV⁺ and healthy individuals in Kerman (Executor). The Research Deputy of Kerman University of Medical Sciences, 2016- 08 to 2017- 09 |**Grant**.
16. Comparison of the effect of methanolic extract of green tea, chlorhexidine, and sodium fluoride on the amount of *Candida albicans* saliva and plaque in preschool children with early childhood caries (Early Childhood Caries) by HRM (High-Resolution Melt Curve analysis), 2017- 01 to present.
17. Diagnosis and determination of the frequency of Onychomycosis using clinical signs and microscopic micrometric findings (Executor) The Research Deputy of Kerman University of Medical Sciences, 2015-04 to 2016-02 |**Grant**.

18. Diagnosis of *Pneumocystis jirovecii* using LAMP in patients with suspected PCP (Executor). The Research Deputy of Kerman University of Medical Sciences, 2017-02 to present | **Grant**.
19. Molecular identification of *Pneumocystis jirovecii* in children with respiratory diseases by NESTED-PCR method referred to teaching hospitals in Mashhad in 2014-2015 (Executor)- The Research Deputy of Kerman University of Medical Sciences, 2015-06 – to present | **Grant**.
20. Evaluation of the effects of three species of probiotic bacteria and *Acinetobacter* on survival and infectivity of *Leishmania* major stages in vitro and Evaluation of extra-structural changes (co-worker) 2016-08 to present.
21. Evaluation of the antifungal effect of iron oxide nanoparticles on different *Candida* species compared with fluconazole (Executor). The Research Deputy of Kerman University of Medical Sciences, 2016- 03 to 2017- 09 | **Grant**.
22. Identification of *Candida* species isolated from patients with candidiasis by PCR-RFLP method and Evaluation of *Salvia rhytidea benth* on them (Executor). The Research Deputy of Kerman University of Medical Sciences, 2013-05 to 2016-01 | **Grant**.
23. Prevalence of *Candida dublinensis* among *Candida albicans* species isolated from *Candida* vaginitis and Evaluation of proteinase and coagulation activity of isolated isolates (Executor). The Research Deputy of Kerman University of Medical Sciences, 2013-07 to 2016-01 | **Grant**.
24. Molecular identification of *Candida* species isolated from the respiratory tract of patients with cystic fibrosis by PCR-RFLP method. The Research Deputy of Kerman University of Medical Sciences, 2013-10 to 2015-11 | **Grant**.
25. Comparison of antifungal effects of selenium nanoparticles on *Aspergillus fumigatus* and *Candida albicans* with nystatin and amphotericin B in vitro (co-worker), 2012-04 to 2015-02.

PUBLICATIONS

- Research articles :

1. **Samira Salari**, Ghasemi Nejad Almani, P, Antifungal effects of *Lactobacillus acidophilus* and *Lactobacillus plantarum* against different oral Candida species isolated from HIV/ AIDS patients : an in vitro study. *Journal of oral microbiology*. 2020 ; 12(1) :1769386 (Q1 journal), (IF=5.474)
2. **Samira Salari**, Iraj Sharifi, Mehdi Bamorovat, Pooya Ghasemi Nejad Almani. The immunity of the recombinant prokaryotic and eukaryotic subunit vaccines against cutaneous leishmaniasis, *Microbial Pathogenesis*, Volume 153, April 2021, 104807 (Q2 Journal) (IF= 3.738)
3. Maryam bakhshi, **Samira Salari**, Pooya Ghasemi Nejad Almani, Setareh Agha Kuchak Afshari, Evaluation of the antifungal activity of *lactobacillus reuteri* against *Candida* species, *Gene Reports*, Volume 25, December 2021, 101369, 2021, 101369 (ISI) (Q4 journal).
4. Sezavar, M., Sharifi, I., Ghasemi Nejad Almani, P, Davoudi, N., **Samira Salari**, Salar Kia, E. .Khosravi, A., Bamorovat, The potential therapeutic role of PTR1 gene in non-healing anthroponotic cutaneous leishmaniasis due to *Leishmania tropica*, *Journal of Clinical Laboratory Analysis*, 2021, 35(3), e23670 (Q2 journal) (IF= 2.352)
5. **Samira Salari**, Sharifi I, Keyhani AR, Ghasemi Nejad Almani P. Evaluation of a new live recombinant vaccine against cutaneous leishmaniasis in BALB/c mice. *Parasites & Vectors*. 2020 Aug ,12 ; 13(1). (Q1 journal) (IF=2.82).
6. Eghtedar Nejad, E., Ghasemi Nejad Almani, P., Mohammadi, M.A., **Samira Salari**, Molecular identification of Candida isolates by Real-time PCR-high-resolution melting Analysis and Investigation of the genetic diversity of Candida species. *Journal of Clinical Laboratory Analysis*, .2020; 34(10): e23444. (Q2 journal) (IF= 1.54)

7. Ahmadpour Kermani, SH, **Samira Salari**, Ghasemi Nejad Almani P. Comparison of antifungal and cytotoxicity activities of titanium dioxide and zinc oxide nanoparticles with amphotericin B against different Candida species: *In vitro* evaluation. Journal of Clinical Laboratory Analysis, 2020 September 12 ; e23577 (Q2 journal) (IF= 1.54).

8. Taghdiri, A., Pooya Ghasemi Nejad Almani., Sharifi, I., Mohammadi, M.A., **Samira Salari**, Detection of malaria with light microscopy and Nested polymerase chain reaction (Nested PCR) methods in peripheral blood expansions and investigation of the genetic diversity of Plasmodium species by 18S rRNA gene in Southeast of Iran, Microbial Pathogenesis. 2019 ; 137 :103782 (Q2 Journal), (IF= 2.91)

9. Mitra Barati, Shiva Mirkalantari, Saham Ansari, **Samira Salari**, Azam Fattahi, Determination of antimycotic susceptibility pattern of Candida species isolated from patients with symptomatic candiduria, Journal of Research in Medical Sciences, 2019; 24: 35. (Q1 journal) (IF=1.46)

10. Zahabi, Z.F., Sharififar, F., Pooya Ghasemi Nejad Almani., **Samira Salari**. Antifungal activities of different fractions of *Salvia rhytidea Benth*as a valuable medicinal plant against different Candida species in Kerman province (Southeast of Iran), Gene Reports 2020,19,100624 (Q4 journal).)

11. **Samira Salari**, Sadat Seddighi N, Ghasemi Nejad Almani P. Evaluation of biofilm formation abilities in different Candida strains and anti-biofilm effects of Fe₃O₄-NPs compared with Fluconazole : An in vitro study. Journal de Mycologie Médicale.. 2018. S1156-5233(17)30294-9 (Q2 journal) (IF=1.26).

12. Pour A.H, **Samira Salari**, Nejad Almani P.G. Oropharyngeal candidiasis in HIV/AIDS patients and non-HIV subjects in the Southeast of Iran. Current Medical Mycology. Volume. 2018.4(4) :1-6 (PubMed). (Q3 journal)

13. Marjaneh Babayani, **Samira Salari**, Seyyed Jamal Hashemi, Pooya Ghasemi Nejad Almani, Azam Fattahi, Onychomycosis due to dermatophytes species in Iran : Prevalence rates, causative agents, predisposing factors and diagnosis based on microscopic morphometric findings, Journal de Mycologie Médicale. 2018. (Q2 journal) (IF=1.26).
14. Fateh, Roohollah, Mahnaz Dehghani Pour, Farideh Zaini, Maasoumeh Mahdavi-Ourtakand, Zahra Salehi, Mona Ghazanfari, Shirin Farahyar, **Samira Salari**, Azam Fattahi. "Evaluation Eucalyptus camaldulensis Contaminations with *Cryptococcus gattii* in Tehran." Iranian Journal of Medical Microbiology. 12, 2 (2018) : 133-139 (Google Scholar, SID (Scientific Information Database) (Q4 journal) (In Persian).
15. **Salari, Samira**, Seyyed Amin Ayatollahi Mousavi, Sanaz Hadizadeh, Alireza Izadi. Epidemiology of dermatomycoses in Kerman province, southeast of Iran : A 10-years retrospective study (2004–2014). Microbial pathogenesis 110. (2017) : 561-567 (Q2 journal), (IF=2).
16. Jafari, Maryam, **Samira Salari**, Keyvan Pakshir, Kamiar Zomorodian. Exoenzyme activity and possibility identification of *Candida dubliniensis* among *Candida albicans* species isolated from vaginal candidiasis. Microbial pathogenesis. 110 (2017) : 73-77, (Q2 journal) (IF=2).
17. Seddighi, Nazanin Sadat, **Samira Salari**, Ali Raza Izadi. Evaluation of the antifungal effect of iron-oxide nanoparticles against different Candida species. IET Nanobiotechnology, 11, 7 (2017) : 883-888 (Q2 journal) (IF=1.54).
18. Nooshadokht M, Sharifi, Mohammadi MA, Pirestani M, Afgar A, Mahootchi A, **Salari Samira**, Babaei Z. Intestinal microsporidiosis in Iran: infection in immunocompromised and immunocompetent patients. Current Medical Mycology 2017, 3(1): 30-36. (Q3 journal) (PubMed).

19. Sadeghi Dehkordi, Zainab, Behnaz Bazargani-Gilani, **Samira Salari** "Quality of flour types, in the bakeries of Hamedan, Iran during 2015-2016." Archives of Hygiene Sciences 6.2 (2017): 206-213(DOAJ).
20. Parsameher, Nasrin, Sassan Rezaei, Sadegh Khodavasiy, **Samira Salari**, Sanaz Hadizade, Mohammad Kord, and Seyed Amin Ayatollahi Mousavi. "Effect of biogenic selenium nanoparticles on ERG11 and CDR1 gene expression in both fluconazole-resistant and-susceptible *Candida albicans* isolates." Current medical mycology, 2017,3 (3): 16. (Q3 journal) (PubMed).
21. **Samira Salari**, Bakhshi T, Sharififar F, Naseri A, Ghasemi Nejad Almani P, Evaluation of antifungal activity of standardized extract of *Salvia rhytidea Benth.* (Lamiaceae) against various Candida isolates. Journal de Mycologie Médicale, 2016; 26(4):323-330. (Q2 journal) (IF= 0.756).
22. Mehrdad Khatami, Meysam Soltani Nejad, **Samira Salari**, Pooya Ghasemi Nejad Almani. Plant-mediated green synthesis of silver nanoparticles using *Trifolium resupinatum* seed exudate and their antifungal efficacy on *Neofusicoccum parvum* and *Rhizoctonia solani*, IET Nanobiotechnology, 2016, 1-7. (Q2 journal) (IF=1.54).
23. Almani, Pooya Ghasemi Nejad, Iraj Sharifi, Bahram Kazemi, Zahra Babaei, Mojgan Bandehpour, **Samira Salari**, Ebrahim Saedi Dezaki. "Designing and cloning molecular constructs to knock out N-acetylglucosamine phosphatidylinositol De-N-acetylase (GPI12) gene in *Leishmania major* (MRHO/IR/75/ER)." Iranian Journal of parasitology 11, no. 4 (2016): 448. (Q3 journal) (IF=0.68).
24. Pooya Ghasemi Nejad Almani, Iraj Sharifi, Bahram Kazemi, Zahra Babaei, Mojgan Bandehpour, **Samira Salari**, Ebrahim Saedi Dezaki, Farideh Tohidi, Mohammad Ali Mohammadi. The role of GlcNAc-PI-de-N-acetylase gene by gene knockout through homologous recombination and its consequences on survival, growth, and infectivity of

Leishmania major in vitro and in vivo conditions. Acta Tropica. Volume 154, February 2016, 63–72. (Q1 journal), (IF=2.38).

- 25- Ayatollahi Mousavi, Seyyed Amin, **Samira Salari**, Sanaz Hadizadeh. Evaluation of Antifungal Effect of Silver Nanoparticles against *Microsporum canis*, *Trichophyton mentagrophytes*, and *Microsporum gypseum*. *Iranian Journal of Biotechnology* 13.4 (2015): 38-42 (Q3 journal) (IF=0.3).
- 26- **Samira Salari**, Khosravi AR, Mousavi SA, Nikbakht-Brojeni GH. Mechanisms of resistance to fluconazole in *Candida albicans* clinical isolates from Iranian HIV infected patients with oropharyngeal candidiasis. *Journal de Mycologie Médicale*. 2016 Mar 31 ; 26(1) :35-41. (Q2 journal) (IF=0.75).
- 27- Toktam Bakhshi, **Samira Salari**, Ali Naseri, Iraj Esfandiarpour, Mohammad Ali Mohammadi, Pooya Ghasemi Nejad Almani. Molecular Identification of *Candida* Species in Patients with Candidiasis in Birjand, Iran, Using Polymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-RFLP) Assay. *Journal of Isfahan Medical School*, 2015, 33; 359, 1987- 93 (Q3 journal) (PubMed) (Scopus) (In Persian).
- 28- Peyman Solimani, **Samira Salari**, Soheila khalizadeh, Maryam Hassanzad, Sadegh Khodavaissy, Mahdi Abastabar, Hamed Fakhim hajiaghaei, Hamid Badali, Use of PCR-RFLP and PCR-HWP1 for identification of *Candia* species isolated from cystic fibrosis patients. *Research in Molecular Medicine (RMM)*. 2014 ; 2 (3) :23-27. (Proquest).
- 29- Seyyed Amin Ayatollahi Mousavi, **Samira Salari**, Sasan Rezaie and et al. Molecular identification of *Candida* spp by PCR/RFLP isolated from oral colonization in Iranian HIV positive patients in Kerman, Iran, *Jundishapur Journal of Microbiology*. 2012; 5(1):336-340, (Q3 journal) (IF= 0.474).

- 30- Parisa Sadighara, Soraya Gharibi, Amir moghadam Jafari, Golamreza Jahed Khaniki, **Samira Salari**. The antioxidant and Flavonoids contents of *Althaea officinalis* L. flowers based on their color. *Avicenna Journal of Phytomedicine*. 3(2) .2012.113-117. (PubMed)
- 31- **Samira Salari**, A. R. Khosravi, F. Katiraei, S. A. Ayatollahi Mousavi, H. Shokri, G. H. Nikbakht Borujeni. "Evaluation of inhibitory effects of *Cuminum cyminum* oil on the fluconazole resistant and susceptible *Candida albicans* isolated from HIV patients in Iran." *Journal of American Science*. (J Am Sci), 2012, 8, 5 (2012): 54-60.
- 32- Seyyed Amin Ayatollahi Mousavi, Iraj Esfandiarpour, **Samira Salari**, Hojatollah Shokri. Onychomycosis due to *Fusarium* spp. in patient with squamous cell carcinoma: A case report from Kerman, Iran, *Journal de Mycologie Médicale* (2009) 19, 146-149, (Q2 journal) (IF=0.75)
- 33- Seyyed Amin Ayatollahi Mousavi, **Samira Salari**, Sadollah Shamsadini. A first case of *tinea imbricata* from Iran, *Jundishapur Journal of Microbiology*. (2009) 2(2): 71-74, (Q3 journal) (IF=0.65)

SELECTED CONFERENCE PROCEEDINGS IN THE INTERNATIONAL AND NATIONAL CONGRESS (to see all of the presented conference proceedings, Please click my google scholar Link)

1. **Samira Salari**, Esmaeel Eghtedar Nejad, Pooya Ghasemi Nejad Almani. Molecular identification of Candida isolates obtained from HIV/AIDS patients by Real-time PCR-High Resolution Melting Analysis, 20th International Congress of Microbiology 27-29 August 2019 Kerman, Iran.
2. **Samira. Salari**, Onychomycosis due to *Fusarium* spp. in a patient with squamous cell carcinoma: A case report from Kerman, Iran. Hebei International Biotechnology Forum- November 6-8, 2011, Shijiazhuang, Hebei, China.
3. **Samira Salari**, Shima Ahmadpour, Pooya Ghasemi Nejad Almani, Evaluation of Antifungal effects of TiO₂ and Amphotericin B on different Candida species in Vitro condition. 20th International Congress of Microbiology 27-29 August 2019- Kerman, Iran.
4. Iraj Sharifi, **Samira Salari**, Pooya Ghasemi Nejad Almani. Synthesis of recombinant KMP11 / LACK proteins of Leishmania major in prokaryotic host : an experimental candidate model as a vaccine 20th International Congress of Microbiology 27-29 August 2019- Kerman, Iran.
5. Iraj Sharifi, **Samira Salari**, Pooya Ghasemi Nejad Almani. Designing and making the molecular construct for producing Leishmania major recombinant antigens using pLEXSY-neo2.1 vector 20th International Congress of Microbiology 27-29, August 2019 Kerman, Iran.

6. Pooya Ghasemi Nejad Almani, Ahmad Taghdiri, Iraj Sharifi, **Samira Salari**. Detection of malaria infection with light microscopy and Nested-PCR methods and phylogenetic Analysis in peripheral blood expansion obtained from Sistan-Baluchestan Province. 20th International Congress of Microbiology 27-29 August 2019, Kerman, Iran.
7. Pooya Ghasemi Nejad Almani, Ahmad Taghdiri, Iraj Sharifi, **Samira Salari**. Diagnose of malaria infection with light microscopy and Nested-PCR methods and phylogenetic Analysis in peripheral blood expansions obtained from suspected patients in Hormozgan and Kerman provinces, 20th International Congress of Microbiology 27-29 August 2019, Kerman, Iran.
8. **Samira Salari**, Maryam Bakhshi, Pooya Ghasemi Nejad Almani, Azam Amani zadeh. In vitro evaluation of antifungal effects of *Lactobacillus acidophilus* and *Lactobacillus plantarum* compared to fluconazole against *Candida glabrata* isolated from the oral cavity of HIV/AIDS patients. 20th International Congress of Microbiology 27-29 August 2019, Kerman, Iran
9. **Samira Salari**, Pooya Ghasemi Nejad Almani. Antifungal effects of *Lactobacillus acidophilus* and *Lactobacillus plantarum* against *Candida albicans* 20th International Congress of Microbiology, 27-29 August 2019, Kerman, Iran.
10. **Samira Salari**, Zeynab Fallah Zahabi, Pooya Ghasemi Nejad Almani, Comparison between antifungal effects of *Salvia rhytidea* Benth. (Lamiaceae) and fluconazole against various *Candida* isolates, 11th International Congress of Clinical Microbiology, 21- 23 November 2017, Shiraz- Iran.
11. **Samira Salari**, Esmail Eghtedar Nejad, Pooya Ghasemi Nejad Almani, Zeynab Fallah Zahabi, Comparison Antifungal Effects of Nystatin and Fluconazole Against *Candida Glabrata* and *Candida Krusei*, 11th International Congress of Clinical Microbiology, 21- 23 November 2017, Shiraz- Iran.

12. **Samira Salari**, Nazanin Sadat Seddighi, Evaluation of the antifungal effect of iron oxide nanoparticles synthesized chemical method against different *Candida* species, 18th International and Iranian, Congress of Microbiology, 29-31 August 2017, Tehran – Iran.
13. **Samira Salari**, Marjaneh Babayani, Seyyed Jamal Hashemi, Pooya Ghasemi Nejad Almani, the prevalence of Onychomycosis due to dermatophyte Agents among patients referred to mycology laboratory of School of public health, Tehran University of medical science, 18th International and Iranian, Congress of Microbiology, 29-31 August 2017, Tehran – Iran.
14. **Samira Salari**, Abbas Hosain pour, Pooya Ghasemi Nejad Almani, Alireza Izadi, Prevalence of *Candida albicans* in HIV /AIDS patients and HIV-free subjects in Kerman, Iran, 18th International and Iranian, Congress of Microbiology, 29-31 August 2017, Tehran – Iran.
15. **Samira Salari**, High prevalence of *Candida krusei* in HIV-free subjects, 18th International and Iranian, Congress of Microbiology, 29-31 August 2017, Tehran – Iran.
16. **Samira Salari**, Anti-biofilm effect of fluconazole on biofilm formation by *Candida* species, 18th International and Iranian, Congress of Microbiology, 29-31 August 2017, Tehran – Iran.
17. **Samira Salari**, Evaluation of the efficacy of *Cuminum cyminum* essence oil on resistance gene expression in fluconazole-resistant *Candida albicans* isolates using Real-Time PCR- 16th International and Iranian Microbiology Congress of Microbiology (ISM 2015) - 25-27 August 2015 at Shahid Beheshti International Conference Center, Tehran – Iran.

18. **Samira Salari**. Mechanisms of resistance to fluconazole in resistant *Candida albicans* clinical isolates from Iranian patients infected with human immunodeficiency virus patients with oropharyngeal candidiasis -16th International and Iranian Microbiology Congress of Microbiology (ISM 2015) -25-August 27 2015 at Shahid Beheshti International Conference Center, Tehran – Iran.
19. **Samira Salari**, Toktam Bakhshi, Ali Naseri, Pooya Ghasemi Nejad Almani. Molecular identification of candida species by PCR and restriction fragment length polymorphism in Birjand, South Khorasan-16th International and Iranian Microbiology Congress of Microbiology (ISM 2015), at Shahid Beheshti International Conference Center, 25-27 August 2015, Tehran – Iran.
20. Ghasemi Nejad Almani P, Kazemi B, Sharifi I, Babaei Z, Bandehpour M, **Samira Salari**, Saedi Dezaki E, Tohidi F. Using primary antibodies against the linear epitopes gpi12 protein instead of complete protein in leishmania major using western blot technique- 16th International and Iranian Microbiology Congress of Microbiology at Shahid Beheshti International Conference Center, 25- 27 August 2015, Tehran – Iran.
21. **Samira Salari**, Seyyed Amin Ayatollahi Mousavi, Sanaz Hadizadeh. Evaluation of Anti Dermatophyte Activities of Silver nanoparticles- 2nd International and 4th Iranian Congress in Medical Mycology: From Bench to Bed - 18 -20 November 2015, Shiraz, Iran.
22. **Samira Salari**, Seyyed Amin Ayatollahi Mousavi, Sanaz Hadizadeh. In Vitro Antifungal Efficacy of Nano-silver particles against *Aspergillus flavus* and *Aspergillus fumigatus*- The 2nd International and 4th Iranian Congress in Medical Mycology: From Bench to Bed - 18-20 November 2015, Shiraz, Iran.

23. **Samira Salari**, Toktam Bakhshi, Fariba Sharififar, Ali Naseri, Pooya Ghasemi Nejad Almani. Evaluation of the antifungal effect of methanolic extract of *salvia rhytidea* against *C. albicans* isolates- The 2nd International and 4th Iranian Congress in Medical Mycology: From Bench to Bed - 18-20 November 2015, Shiraz, Iran.
24. **Samira Salari**, Toktam Bakhshi, Fariba Sharififar, Ali Naseri, Pooya Ghasemi Nejad Almani. Antifungal activity of *salvia rhytidea* against non *C. albicans* isolates -An In Vitro Study - The 2nd International and 4th Iranian Congress in Medical Mycology: From Bench to Bed - 18-20 November 2015, Shiraz, Iran.
25. **Samira Salari**, Ali Reza Khosravi, Seyyed Amin Ayatollahi Mousavi, Gholam Reza Nikbakht Brojeni- Treatment of oropharyngeal candidiasis in patients infected with HIV by herbal medicine- 6th ASEAN Congress of Tropical Medicine Parasitology- 5-7 March 2014, Kuala Lumpur, Malaysia.
26. **Samira Salari**, Ali Reza Khosravi, Seyyed Amin Ayatollahi Mousavi, Evaluation of in vitro activity of *Cuminum cyminum* essential oil against *Candida albicans*, 3rd Iranian Congress of Medical Mycology- May 2014, Tehran, Iran.
27. **Samira Salari**, Ali Reza Khosravi, Seyyed Amin Ayatollahi Mousavi, Gholam Reza Nikbakht Brujeni, Resistant gene among fluconazole-resistant *Candida albicans* Strains Isolated from Human Immunodeficiency Virus-Infected Patients by Real-time PCR- 3rd Iranian Congress Of Medical Mycology- Oral Presentation , May 2014, Tehran, Iran.
28. Payman Solimani, Seyyed Amin Ayatollahi, **Samira Salari**, Hamid Badali, Melika Laal Kargar, Sadegh Khodavaissy. Molecular identification of *Candida* species isolated from the sputum of cystic fibrosis patients, 3rd Iranian Congress of Medical Mycology- Poster Presentation, May 2014, Tehran, Iran.

29. Seyyed Amin Ayatollahi Mousavi, **Samira Salari**, Sasan Rezaie, Naser Shahabi Nejad, Sanaz Hadizadeh, Hossein Kamyabi, Hossein Aghasi. Identification of *Candida* Species Isolated From Oral Colonization in Iranian HIV-Positive Patients by PCR-RFLP. Mycology, f 2nd Iranian Congress on Medical Mycology, 12-14 Feb 2013, Ahvaz, Iran.

- **Book**

- Translation of Book entitled "Laboratory manual for the diagnosis of opportunistic fungal infections in HIV/AIDS patients- World Health Organization. Regional Office for South-East Asia". Scientific editor: Dr. Pooya Ghasemi Nejad Almani, Andishe-Rafi press, Tehran, 2016-with the corporation HIV/STI Surveillance Research Center, and WHO Collaborating Center for HIV Surveillance, Institute for Futures Studies in Health, Kerman University of Medical Sciences, Kerman, Iran.

CONCLUDING OF CONGRESS, OLYMPIAD AND WORKSHOPS

- Member of the Executive Committee of 1st international and 8th national congress of parasitology and parasitic disease in Iran - Kerman, 16-18 October 2012.
- Member of the Executive Committee of workshop" Polymerase Chain Reaction (PCR) – Tehran, Iran, December 2011.
- Member of the Executive Committee of 5th Scientific Olympiad of Medical Students of the Universities of Medical Sciences in Iran, Kerman, Iran.7-12 September 2013.
- Member of the Executive Committee of 2-day workshop" Reverse transcription Polymerase Chain Reaction (RT-PCR) –Tehran, Iran, May 2012.

PARTICIPATION IN CONGRESS, WORKSHOPS, AND COURSES

- 1) 16th International and Iranian Microbiology Congress of Microbiology (ISM 2015) -25- 27 August 2015, Tehran, Iran.
- 2) 6th International Congress of Laboratory and Clinic 12- 14 February 2014, Tehran, Iran.
- 3) 1st international and 8th national congress of parasitology and parasitic disease, 16-18 October 2012, Kerman, Iran.
- 4) 1st Congress of Iranian Medical Mycology, 3-5 May 2011 Sari, Iran.
- 5) 3rd International Symposium of Veterinary Surgery and 9th Iranian Symposium of Veterinary Surgery, Anesthesia & Radiology, April 25-28, 2011, Kish Island, Persian Gulf, Iran.
- 6) 16th Iranian veterinary congress, 27-29 April 2010, Tehran, Iran.
- 7) Workshop "How to Write Award-Winning Grant Proposals?" 27 April 2014, Kerman, Iran.
- 8) Workshop "Design and construction of molecular structures and cloning" - Kerman University of Medical Sciences - February 2014, Kerman, Iran.
- 9) Workshop "Ethics in publishing research works", Kerman University of Medical Sciences - June 2014, Kerman, Iran.
- 10) Workshop "Curriculum planning (lesson plan and introduction of relevant software)" for faculty members - Kerman University of Medical Sciences - December 2013, Kerman, Iran.
- 11) Workshop "Excel 2013" for Kerman University of Medical Sciences faculty members - July 2013, Kerman, Iran.
- 12) Workshop "Advanced Essay Writing" - Kerman University of Medical Sciences faculty members –February 2012, Kerman, Iran.
- 13) Workshop "DNA vaccine" - 1st international and 8th national congress of parasitology and parasitic disease, 18 October 2012, Kerman, Iran.
- 14) Workshop "Endnote Software"- 11th International Congress of Immunology & Allergy, 27 April, 2012, Tehran, Iran

- 15) Workshop "The Matrix Method of Literature Review"- 11th International Congress of Immunology & Allergy, 27 April 2012, Tehran, Iran,
- 16) Workshop "Essay Writing" - University of Tehran – 31 March 2012, Tehran, Iran.
- 17) Course "Advanced Molecular Methods in Detection and Identification of Fungal Pathogens" 8-11 March 2012, Isfahan, Iran.
- 18) Course "Antifungal Susceptibility testing Training," Mazandaran Medical University- 4- 6 February 2012, Mazandaran, Iran.
- 19) Course "Introduction to Molecular Methods in Tracing and Identification of Fungal Pathogens"– 30 November to 24 December, 2011, Isfahan, Iran.
- 20) The Two-day primary workshop "High-Performance Liquid Chromatography (HPLC)" - University of Tehran, 17- 20 December 2011, Tehran, Iran.
- 21) Two-day Advanced workshop "High-Performance Liquid Chromatography (HPLC)" - University of Tehran, 25-26 December 2011, Tehran, Iran.
- 22) The two-day workshop on cell culture methods "Culture of the spleen, bone marrow and peritoneal macrophages of mice" - University of Tehran, 30 October. 2010, Tehran, Iran.
- 23) Workshop "Teaching Skills," Quality Assessment Center, University of Tehran, 17 December 2010 -Tehran, Iran.
- 24) Educational-research workshop "International standard methods of writing scientific articles" - University of Tehran - 11-18 March 2009, Tehran, Iran.
- 25) Workshop "Industrial research and applications in aquaculture"– Aras Bazar Pharmaceutical Company- Tehran- 28 January 2009- Tehran, Iran.

REGISTRATION OF GENE SEQUENCING IN NCBI (REPORTED FOR THE FIRST

TIME FROM KERMAN, THE SOUTHEAST OF IRAN) (All of Gene sequencing registred in

NCBI in Aril 2020)

- Registration of Gene sequencing in the NCBI database with access number MT377824 (25-APR-2020)
- Registration of Gene sequencing in the NCBI database with access number MT377825 (25-APR-2020)
- Registration of Gene sequencing in the NCBI database with access number MT377826 (25-APR-2020)
- Registration of Gene sequencing in the NCBI database with access number MT377827 (25-APR-2020)
- Registration of Gene sequencing in the NCBI database with access number MT377828 (25-APR-2020)
- Registration of Gene sequencing in the NCBI database with access number MT377829 (25-APR-2020)
- Registration of Gene sequencing in the NCBI database with access number MT377830 (25-APR-2020)
- Registration of Gene sequencing in the NCBI database with access number MT377831 (25-APR-2020)

PRE-REVIEW AND EDITORSHIP EXPERIENCE OF RESEARCH ACTIVITIES

- Associate Editor of the Open Journal of Pathology & Toxicology Research (OJPTR)-December 2021.
- Reviewer a research article entitled "The biological effect of Zn nanoparticles produced by using Petroselinum crispum extract against Candida spp. "for Jordan journal biological-2021.
- Reviewer a Research project entitled "Systematic review of echinococcosis in pregnancy" for Kerman University of Medical Sciences, Vice-chancellor for Research, Kerman, Iran. 2021-10-12.
- Reviewer a Research project entitled "Determination of genetic diversity of *Candida albicans*, *Candida parapsilosis*, and *Candida glabrata* complex species isolated from patients with candidiasis in Kerman" for Kerman University of Medical Sciences, Vice-chancellor for Research, Kerman, Iran, 2020-02-9.
- Reviewer a Research project entitled "Evaluation and comparison of profiles of adult Echinococcus granulosus worm microRNAs in vitro and in vitro using a new generation sequencing approach and comparison of expression of selected microRNAs of infected and control dog intestinal tissue" for Kerman University of Medical Sciences, Vice-chancellor for Research, Kerman, Iran, 2019-04-14.

- Reviewer a Research project entitled "Evaluation and comparison of risk factors related to chronic forms, recurrence and improvement of urban skin leishmaniasis in the main centers of southeastern Iran (Bam and Kerman)" for Kerman University of Medical Sciences, Vice-chancellor for Research, Kerman, Iran, 2019-04-6.
- Referee of the submitted abstracts at the 20th International Congress of Microbiology, Kerman, Iran- 2019.
- Reviewer a Research project entitled "Seroepidemiological study of hepatitis E in men and women living in a nursing home in Kerman, 2017" for Kerman University of Medical Sciences, Vice-chancellor for Research, Kerman, Iran, 2017-12-11.
- Reviewer a Research project entitled "Evaluation of serum interleukin 12 levels in patients with ischemic heart disease and its relationship with risk factors" for Kerman University of Medical Sciences, Vice-chancellor for Research, Kerman, Iran, 2017-09-26.
- Reviewer a research article entitled "Diagnosis of *Fusarium Solani* in Human Immunodeficiency Virus (HIV) Positive Patients by PCR method" for Journal of Kerman University of Medical Sciences (JKMU)- 2017-1-7.

LANGUAGES

- English.
- Persian (Native language).
-

SOCIAL WEBSITES

- <https://scholar.google.com/citations?user=8W9jcjUAAAAJ&hl=en>
- <https://www.linkedin.com/in/samira-salari/>
https://isid.research.ac.ir/Samira_Salari
- <http://sm.kmu.ac.ir/en/page/39532/Teachers>