



Personal Data

First name: Rasoul
Last name: Mohammadi
Place of Birth: Isfahan, Iran
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Academic Qualifications

Degree title: Ph.D
Field of study: Medical Mycology
Faculty: Medicine
University: Tarbiat Modares
City/Country: Tehran, Iran
From year to year: 2007-2011

Dissertation: Study on the prevalence of the new species (*Candida orthopsilosis*, *Candida metapsilosis*, *Candida nivariensis*, *Candida bracarensis*) among yeasts isolates of patients using specific genetic markers and study of their drug resistance

Degree title: M.Sc
Field of study: Medical Mycology
Faculty: Medicine
University: Tarbiat Modares
City/Country: Tehran, Iran
From year to year: 2003-2005

Thesis: Antifungal activity of *Boswellia serrata* essential oil against fluconazole resistant and susceptible isolates of *Candida albicans*

Employment History

Title of position: Supervisor of Microbiology Lab.
From year to year: 2003-2007
Duties: Lab Managing
Employer: Goldaru Company (Pharmaceutic Co.)
Address of employer: Soffeh Industrial Town, Isfahan, Iran

Title of position: Microbiology Expert.
From year to year: 2008-2009
Duties: Lab Managing and Preparation of Material Safety Data Sheets (MSDSs)
Employer: Amin Pharmaceutical Company
Address of employer: Kelishad, Abnil road, Isfahan, Iran

Title of position: Assistant professor
From year to year: 2012-2013
Employer: Ashrafi Isfahani University
Address of employer: Sepahan Shahr, Isfahan, Iran

Title of position: Assistant professor
From year to year: 2012-until now
Employer: Isfahan University of Medical sciences
Address of employer: Isfahan, Iran

Teaching Experiences

Microbiology and Medical Mycology
From year to year: 2008, 2011
Employer: Islamic Azad University of Falavarjan, Isfahan, Iran.
Students of: Microbiology

Medical Mycology
From year to year: 2013 until now
Employer: Isfahan University of Medical sciences, Isfahan, Iran
Students of: Medicine, Dentistry, Pharmacology, Nursery, Medical laboratory sciences, Midwifery, Health, MSc students of Medical Mycology and PhD students of Parasitology.

Professional Skills

DNA extraction (fungi), purification, restriction digestion, gel electrophoresis, PCR, PCR-RFLP, RAPD, FSP-PCR, PCR-ELISA, Real-time PCR, Preparing diluted of antifungal agents, Sample and Inoculum preparation, E-Test procedure, MIC and MEC reading results, MIC50, MIC90, MEC, MFC reading results, Breakpoint and interpretation of results

Thesis Supervisor

1. Sahar Kafshdooz Jabari (MSc of Medical Mycology), (Thesis number: 394344), Title: Identification of Candida species isolated from candidemia from hospitalized patients in Milad hospital using PCR-RFLP. September 2015.
2. Elham Foroughifar (Specialty degree in infectious diseases), (Thesis number: 393369), Title: Identification of Candida species isolated from candiduria in renal transplant recipients. October 2015.
3. Ziyaaddin Keshavarzpour (MSc in food safety and hygiene), (Thesis number: 423493), Title: Evaluation and comparison of microbial contamination of dairy products produced by industrial and traditional methods in Isfahan and identification of Candida isolates by PCR-RFLP. June 2016.

4. Naeime Fathi (MSc of Medical Mycology), (Thesis number: 394310), Title: Sequence-identification of *Candida* species isolated from candidemia. October 2016.
5. Fatemeh Salehi (MSc of Medical Mycology), (Thesis number: 394707), Title: Molecular identification of *Candida* species isolated from gastro-esophageal specimens of pediatrics and teenagers referred to endoscopy center in Isfahan and antifungal susceptibility testing of isolates by using of E-test in 2016. October 2016.
6. Bahareh Arghavan (MSc of Medical Mycology), (Thesis number: 394309), Title: Evaluation of miR-146a expression in infected macrophages to *Candida glabrata*. October 2016.
7. Mahnaz Kheirkhah (MSc of Medical Mycology), (Thesis number: 394794), Title: Morphological and molecular Identification of Clinical Isolates of *Aspergillus* Based on Beta-Tubulin Gene Sequencing. October 2016.
8. Homeyra Babaee (MSc of Medical Mycology), (Thesis number: 394793), Title: Prevalence of *Candida dubliniensis* among clinical isolates of *candida albicans/dubliniensis* complex in diabetic patients by PCR technique and confirmation of *candida dubliniensis* species by using of sequence analysis of ITS1-5.8S-ITS2 region. November 2016.
9. Runak Ghobadi (MSc in food safety and hygiene), (Thesis number: 394641), Title: Effect of *Ganoderma lucidum* extract and powder on oxidative stability, microbial and sensory properties of emulsion type of sausage. December 2016.
10. Shekufeh Pouladian (MSc of Medical Mycology), (Thesis number: 3941011), Title: Molecular identification of *Candida* species among patients with vulvovaginitis and antifungal effects of Cloterimazole, Miconazole, and Nystatin in treatment of patients. April 2017.
11. Abdolrasoul Mohammadi (MSc of Medical Mycology), (Thesis number: 395196), Epidemiology and molecular identification of fungal agents among patients with acute and chronic sinusitis hospitalized at ENT wards of Kashani and Al-Zahra hospitals in Isfahan in 2016. July 2017.

Thesis Advisor

1. Iran Noroozmirzaaghakhani (MSc of Medical Mycology), (Thesis number: 3941011), Title: Antifungal Activity of Anethum Graveolens Extract and Atrovastatin against *Candida* Species Compared to Fluconazole. March 2015.
2. Mohammad Bahmaei (MSc of Medical Mycology), (Thesis number: 394065), Title: Identification of *Candida* Species Isolated from Candiduria Patients Using PCR-RFLP and MIC detection for fluconazole and amphotericin b using microdilution broth. June 2016.
3. Mohsen Azad (MSc of Medical Mycology), (Thesis number: 3941052), Prevalence of risk factors of candiduria in hospitalized patients in ICU and nephrology units, Boali and Labafi Nejad hospitals of Tehran, by PCR-RFLP. Winter 2017.

Published Papers

1. **Mohammadi R**, Yadegari MH, Moattar F, Shams Ghahfehrokhi M. Antifungal activity of *Boswellia serrata* essential oil against fluconazole resistant and susceptible isolates of *Candida albicans*. J Isfahan Med Sch 2006; 24(82): 30-36 (Farsi with an Abstract in English).
2. **Mohammadi R**, Moattar F. Antifungal activity of *Zingiber officinale* Rosco essential oil against fluconazole resistant vaginal isolates of *Candida albicans*. Med Plant 2007; 6(24): 22-27 (Farsi).

3. **Mohammadi R**, Mirhendi H, Shadzi S, Moattar F. Antifungal Activity of *Myrtus Communis L.* Essential Oil Against Clinical Isolates of *Aspergillus*. J Isfahan Med Sch 2008; 26(89): 105-111 (Farsi with an Abstract in English).
4. **Mohammadi R**, Shokooh Amiri MR, Sepahvand A, Roudbar Mohammadi SH, Shadzi S, Mirsafayee H, Nourshargh R. Antifungal activity of *Ferula assa-foetida* Against clinical agents of *Mucormycosis*. J Isfahan Med Sch 2009; 27(100): 582-588 (Farsi with an Abstract in English).
5. **Mohammadi R**, Shokooh Amiri MR, Mousavi SM, Sepahvand A, Shams Ghahfhevrokhi M, Yadegari MH, Roudbar Mohammadi S, Shadzi S. Antifungal activity of *Cinnamomum zeylanicum* Essential Oil Against Clinical Isolates of *Aspergillus*. Med Plant 2010; 9(36):66-78 (Farsi).
6. **Mohammadi R**, Mirhendi H, Yadegari MH, Shadzi S, Jalalizand N. Identification and Frequency of Candida Species in Patients with Different Forms of Candidiasis in Isfahan, Using PCR-RFLP Method. J Isfahan Med Sch 2011; 29(133): 1-8 (Farsi with an Abstract in English).
7. **Mohammadi R**, Mirhendi H, Yadegari MH, Ghahri M, Shadzi S, Jalalizand N, Hedayati MT. Evaluation of Prevalence of the New Candida Species (*C. orthopsilosis* and *C. metapsilosis*) among *C. parapsilosis* Group Isolated from Patients by PCR-RFLP of SADH Gene in Iran. J Isfahan Med Sch 2011; 29(134): 1-10 (Farsi with an Abstract in English).
8. **Mohammadi R**, Nazeri M, Mesdaghinia E, Mirhendi H. Identification of *Candida* Species among Patients with Vulvovaginal Candidiasis in Kashan by PCR-RFLP Method. J Isfahan Med Sch 2012; 29(165): 1-8 (Farsi with an Abstract in English).
9. **Mohammadi R**, Azizi GH, Mahdavi A, and Mirshafiey A. Immunological mechanisms in aspergillosis. Al-Azhar Assiut Med J 2012; 10 (3): 1-49.
10. **Mohammadi R**, Mirhendi H, Rezaei-Matehkoklaei A, Ghahri M, Shidfar MR, Jalalizand N, Makimura K. Molecular identification and distribution profile of Candida species isolated from Iranian patients. Med Mycol 2013; 51:657-663.
11. Abastabar M, Rezaei-Matehkoklaei A, Shidfar MR, Kordbacheh P, **Mohammadi R**, Shokoohi T, Hedayati MT, Jalalizand N, Mirhendi H. A molecular epidemiological survey of clinically important dermatophytes in Iran based on specific RFLP profiles of beta tubulin gene. Iran J Public Health 2013; 42(9):1049-1057.
12. Sepahvand A, **Mohammadi R***, Mirderikvand A, Soleiman-Nezhad S, Rouzbahani R. Artifacts Similar to Fungal Elements in Medical Mycology Laboratories. J Isfahan Med Sch 2014; 32(25): 690-701 (Farsi with an Abstract in English).
13. **Mohammadi R***, Nazeri M, Sayedayn MA, Ehteram H. A successful treatment of rhinocerebral mucormycosis due to *Rhizopus oryzae*. J Res Med Sci 2014; 19: 72-4.
14. Noroozmirzaaghakhani I, Dehghan P, **Mohammadi R**, Moattar F, Mahaki B. Antifungal Activity of Anethum Graveolens Extract and Atrovastatin against Candida Species Compared to Fluconazole. J Isfahan Med Sch 2015; 32(314): 214-92 (Farsi with an Abstract in English).
15. **Mohammadi R**, Rouzbahani R. A review of the antifungal properties of medicinal herbs. J of Isfahan Med Sch 2015; 33(337): 865-73 (Farsi with an Abstract in English).

16. **Mohammadi R**, Badiee P, Badali H, Abastabar M, Hosseini Safa A, Hadipour M, Yazdani H, Heshmat F. Use of restriction fragment length polymorphism to identify *Candida* species, related to onychomycosis. *Adv Biomed Res* 2015; 4: 95.
17. Didehdar M, Gokanian A, Sofian M, Mohammadi S, **Mohammadi R**, Aslani N, Haghani I, Badali H. First fatal cerebral phaeohyphomycosis due to *Rhinocladiella mackenziei* in Iran based on ITS rDNA. *J Mycol Med* 2015; 25: 81-86.
18. **Mohammadi R**, Mirhendi H, Abastabar M, Badali H, Shadzi S, Chadeganipour M, Pourfathi P, Jalalizand N. Use of restriction fragment length polymorphism to rapidly identify dermatophyte species, related to dermatophytosis. *Jundishapur J Microbiol* 2015; 8(6): e17296.
19. Badali H, **Mohammadi R**, Mashedi O, de Hoog S, Meis J. In vitro susceptibility patterns of clinically important Trichophyton and Epidermophyton species against nine antifungal drugs. *Mycoses* 2015; 58(5):303-7.
20. **Mohammadi R**, Hosseini-Safa A, Ehsani Ardakani MJ, Rostami-Nejad M. The relationship between intestinal parasites and some immune-mediated intestinal conditions. *Gastroenterol Hepatol Bed Bench* 2015; 8(2): 123-131.
21. Chadeganipour M, **Mohammadi R***. Steroid-binding receptors in the fungi: implication for systemic mycoses. *Curr Med Mycol* 2015; 1(2): 46-52.
22. Karimi L, Mirhendi H, Khodadadi H, **Mohammadi R**. Molecular identification of uncommon clinical yeast species in Iran. *Curr Med Mycol* 2015; 1(2): 1- 6.
23. **Mohammadi R**, Meidani M, Mostafavizadeh K, Iraj B, Hamedani P, Sayedain MA, Mokhtari M. Case series of rhinocerebral mucormycosis occurring in diabetic patients. *Caspian J Intern Med* 2015; 6(4): 243-246.
24. **Mohammadi R***, Abdi S. Molecular identification of *Candida* species isolated from gastro-oesophageal candidiasis in Tehran, Iran. *Gastroenterol Hepatol Bed Bench* 2015; 8(4): 288-293.
25. Chadeganipour M, **Mohammadi R***, Shadzi SH. A 10-Year Study of Dermatophytoses in Isfahan, Iran. *J Clin Lab Anal* 2016; 30(2): 103-7.
26. Bahmaei M, Dehghan P, **Mohammadi R**, Chabavizadeh J, Mahaki B. Identification of *Candida* Species Isolated from Candiduria Patients Using Polymerase Chain Reaction-Restriction Fragment Length Polymorphism in Isfahan, Iran. *J Isfahan Med Sch* 2016; 34(381): 484-490.
27. **Mohammadi R***, Ataei B. Candidiasis in Pediatrics; Identification and In vitro Antifungal Susceptibility of the Clinical Isolates. *Iranian J Ped Hematol Oncol* 2016; 6(1): 43-51.
28. Yazdani MR, Foroughifar E, **Mohammadi R***. Identification of *Candida* Species Isolated from Renal Transplant Recipients with Candiduria. *Int J Organ Transplant Med*. 2016; 7(4): 206–211.
29. Zarrinfar H, Kaboli S, Dolatabadi S, **Mohammadi R***. Rapid detection of *Candida* species in bronchoalveolar lavage fluid of patients with pulmonary symptoms. *Brazilian J Microbiol* 2016; 47(1):172-6.
30. Kafshdooz Jabari S, Chadeganipour M, Ghahri M, **Mohammadi R***. Etiologic Agents of Candidemia in Pediatric Immunocompromised Patients. *Iran J Ped Hematol Oncol* 2016; 6(4): 209-2015.
31. Abastabar M, Mirhendi H, Hedayati MT, Shokohi T, Rezaie-Matehkolaei, **Mohammadi R**, Badali H, Moazeni M, Haghani I, Ghoghghi A, Akhtari J. Genetic and morphologic diversity of the genus *Penicillium* from Iran. *Jundishapur J Microbiol* 2016; 9(1): e28280.

32. Lotfali E, Kordbacheh P, Mirhendi H, Zaini F, Ghajari A, **Mohammadi R**, Noorbakhsh F, Moazeni M, Fallahi A, Rezaie S. Antifungal Susceptibility Analysis of Clinical Isolates of *Candida parapsilosis* in Iran. *Iran J Public Health* 2016; 45(3): 322-8.
33. Amirrajab N, Badali H, Didehdar M, Afsarian MH, **Mohammadi R**, Lotfi N, Shokohi T. In Vitro Activities of Six Antifungal Drugs against *Candida glabrata* isolates: An Emerging Pathogen. *Jundishapur J Microbiol* 2016; 9(5): e36638.
34. Arghavan B, Sharifi M, Shafiee M, **Mohammadi R***. Evaluation of miR-146a expression level in macrophages exposed to *Candida glabrata*. *Curr Med Mycol* 2016; 2(2): 16-19.
35. **Mohammadi R***, Foroughifar E. *Candida* infections among neutropenic patients. *Caspian J Intern Med* 2016; 7(2): 71-77.
36. Badiie P, Hashemizadeh Z, Ramzi M, Karimi M, **Mohammadi R**. Non-Invasive Methods to Diagnose Fungal Infections in Pediatric Patients with Hematologic Disorders. *Jundishapur J Microbiol* 2016; 9(11): e41573.
37. Badiie P, Badali H, Diba K, Ghadimi Moghadam A, Hosseininasab A, Jafarian H, **Mohammadi R**, Mirhendi H, Najafzadeh MJ, Shamsizadeh A, Soltani J. Susceptibility pattern of *Candida albicans* isolated from Iranian patients to antifungal agents. *Curr Med Mycol* 2016; 2(1): 24-29.
38. Bahmaei M, Dehghan P, Kachuei R, Babaei H, **Mohammadi R***. Interdigital intertrigo due to *Fusarium oxysporum*. *Curr Med Mycol* 2016; 2(1):43-46.
39. Keshavarzpour Z, Sami M, Falahati H, **Mohammadi R**. Bacterial and Mold Contamination of Milk and Dairy Products distributed By Traditional or Commercial Producers in Isfahan, Iran, in 2014. *J Isfahan Med Sch* 2016; 34(387): 712-717 (Farsi with an Abstract in English).
40. Babaei H, Chabavizadeh J, Dehghan P, **Mohammadi R***. Identification of Clinical Isolates of *Candida* using Duplex PCR. *J Arak Univ Med Sci* 2016; 19(113): 8-15 (Farsi with an Abstract in English).
41. Hosseini-Safa A, Mohaghegh MA, Pestechian N, Ganji M, **Mohammadi R**, Mahmoudi Lamouki R, Rostami-Nejad M. First report of Tasmanian sheep strain (G2) genotype isolated from Iranian goat using the high resolution melting (HRM) analysis. *Gastroenterol Hepatol Bed Bench* 2016; 9(Suppl1): S70-S74.
42. Nabili M, Abdollahi Gohar A, Badali H, **Mohammadi R**, Moazeni M. Amino acid substitutions in Erg11p of azole-resistant *Candida glabrata*: Possible effective substitutions and homology modeling. *J Glob Antimicrob Resist* 2016; 5:42-6.
43. Chadeganipour M, **Mohammadi R***. Causative Agents of Onychomycosis: A 7-Year Study. *J Clin Lab Anal* 2016; 30(6): 1013-1020.
44. Roudbarmohammadi S, Roudbary M, Bakhshi B, Katirae F, **Mohammadi R**, Falahati M. ALS1 and ALS3 gene expression and biofilm formation in *Candida albicans* isolated from vulvovaginal candidiasis. *Adv Biomed Res* 2016; 5:105.
45. Fathi N, **Mohammadi R***, Tabatabaiefar MA, Ghahri M, Sadrossadati SZ. Sequence-identification of *Candida* species isolated from candidemia. *Adv Biomed Res* 2016; 5: 150.
46. Lotfali E, Ghajari A, Kordbacheh P, Zaini F, Mirhendi H, **Mohammadi R**, Noorbakhsh F, Rezaie S. Regulation of ERG3, ERG6, and ERG11 Genes in Antifungal-Resistant isolates of *Candida parapsilosis*. *Iran Biomed J* 2017; 21(4): 275-281.
47. **Mohammadi R**, Mirhendi H, Hedayati MT, Badali H. Caspofungin-Non-Susceptible *Candida orthopsilosis* Isolated from Onychomycosis in Iran. *Iran J Public Health* 2017; 46(2): 235-241.

48. Mohammadi A, Hashemi SM, Abtahi SH, Lajevardi SM, Kianipour S, **Mohammadi R***. An investigation on non-invasive fungal sinusitis; Molecular identification of etiologic agents. *J Res Med Sci* 2017; 30; 22:67.
49. Bahmaei M, Dehghan P, **Mohammadi R**, Chabavizadeh J, Mahaki B. Identification of *Candida* Species Isolated from Candiduria Patients Using Polymerase Chain Reaction-Restriction Fragment Length Polymorphism in Isfahan, Iran. *Isfahan Med Sch* 2016; 34(381): 484-490 (Farsi with an Abstract in English).
50. Abastabar M, Hosseinpoor S, Hedayati MT, Shokohi T, Valadan R, Mirhendi H, **Mohammadi R**, Aghili SR, Rahimi N, Aslani N, Haghani I, Gholami S. Hyphal wall protein 1 gene: A potential marker for the identification of different *Candida* species and phylogenetic analysis. *Curr Med Mycol* 2016; 2(4): 1-8.
51. Kheirkhah M, Chadeganipour M, Dehghan P, **Mohammadi R***. Identification of morphological and molecular *Aspergillus* species isolated from patients based on beta-tubulin gene sequencing. *Yafte* 2017; 19(1): 87-97 (Farsi with an Abstract in English).
52. Salehi F, Esmaeili M, **Mohammadi R***. Isolation of *Candida* Species from Gastroesophageal Lesions among Pediatrics in Isfahan, Iran: Identification and Antifungal Susceptibility Testing of Clinical Isolates by E-test. *Adv Biomed Res* 2017; IP: 37.254.39.227.

In Press articles

Clinical and mycological study of vulvovaginal candidiasis (VVC); identification of clinical isolates by polymerase chain reaction-fragment size polymorphism (PCR-FSP) technique. *Archives of Clinical Infectious Diseases*.

Published Papers in Conference Books

- 1) **Mohammadi R***, Mirhendi SH, Yadegari MH, Shadzi SH, Jalali Zand N. Molecular screening for *Candida orthopsilosis* and *Candida metapsilosis* among *C. parapsilosis* Group Isolates by PCR-RFLP of SADH Gene in Iran. 1st Iranian Congress on Medical Mycology, May 2011, Sari, Iran. PP:111.
- 2) **Mohammadi R***, Mirhendi SH, Yadegari MH, Shadzi SH, Jalalizand N. Identification and frequency of *Candida* species in patients with different forms of candidiasis in Isfahan, using ITS-PCR-RFLP method. 1st Iranian Congress on Medical Mycology, May 2011, Sari, Iran. PP:112
- 3) **Mohammadi R***, Mirhendi SH, Yadegari MH, Ghahri M, Shadzi SH, Jalalizand N. Identification of *Candida* species obtained from patients in Iran by genetic markers during 2009-2010. 2th Iranian congress on infectious disease and tropical medicine. Dec.31.2011, Tehran, Iran. P. 040.
- 4) **Mohammadi R***, Mirhendi H, Badali H, Yadegari MH. Identification and Frequency of *Candida* Species in Patients with Different Forms of Candidiasis in Iran, Using PCR-RFLP Method. Berlin, ISHAM congress, 2012.
- 5) **Mohammadi R***, Mirhendi H, Badali H, Yadegari MH. Molecular characterization and distribution of *Candida orthopsilosis* originated from clinical samples with antifungal susceptibility profile. Berlin, ISHAM congress, 2012.

- 6) **Mohammadi R***, Mirhendi H, Abastabar M, Shadzi SH, Pourfathi P, Jalalizand N. Identification of dermatophytes species by PCR-RFLP during 2011-2012 in Isfahan. 2th Iranian congress on Medical Mycology. Feb 2013, Ahvaz, Iran. P. 205.
- 7) **Mohammadi R***, Mirhendi H, Ghahri M, Yadegari MH, Shadzi SH, Pourfathi P, Jalalizand N. Molecular identification of *Candida* species isolated from onychomycosis in Iran. 2th Iranian congress on Medical Mycology. Feb 2013, Ahvaz, Iran. P. 206.
- 8) Zarrinfar H, **Mohammadi R**, Mirhendi H. Identification of *Candida* species in bronchoalveolar lavage fluid of immunocompromised and immunocompetent patients with pulmonary symptoms by PCR-RFLP. The 22th Iranian congress on infectious disease and tropical medicine. 25-29 Jan. 2014, Tehran, Iran. P. 289.
- 9) **Mohammadi R***, Nazeri M, Sayedayn MA, Ehteram H, Arghavan Junaghani B. Rhinocerebral mucormycosis : A case report from Isfahan, Iran. 3th Iranian congress on Medical Mycology. 2014, Tehran, Iran. P. 109.
- 10) **Mohammadi R***. Causative agents of bloodstream *Candida* infection among immunocompromised population. The 24th Iranian congress on infectious disease and tropical medicine. 19-23 December. 2014, Tehran, Iran. P. 102.
- 11) **Mohammadi R***, Arghavan B. Molecular identification of *Candida tropicalis* isolated from clinical specimens. 7th Iranian Scientific Association of Clinical Laboratory. 2014, Tehran, Iran. P. 025.
- 12) **Mohammadi R***, Mostafavizadeh K. Excellent Management of Rhinocerebral Mucormycosis with Posaconazole in a Diabetic Patient. 2nd and 4th Iranian congress in Medical Mycology. 2015. Shiraz, Iran. P. 68.
- 13) **Mohammadi R***, Ataei B. Identification and In Vitro Antifungal Susceptibility of *Candida* Isolates in Pediatrics. 2nd and 4th Iranian congress in Medical Mycology. 2015. Shiraz, Iran. P. 69.
- 14) **Mohammadi R***, Abdi S. A Cross-Sectional Study of Gastro-esophageal Candidiasis in Tehran, Iran. 2nd and 4th Iranian congress in Medical Mycology. 2015. Shiraz, Iran. P. 68.
- 15) Lotfali E, Kordbacheh P, Mirhendi H, Zaini F, Ghadjari A, **Mohammadi R**, Noorbakhsh F, Rezaie S. Amphotericin B Resistant *Candida parapsilosis* Strains, alone and in Combination with Amphotericin B. 2nd and 4th Iranian congress in Medical Mycology. 2015. Shiraz, Iran. P. 66.
- 16) Badiiee P, Badali H, Diba K, Ghadimi moghadam AK, Hosseini Nasab A, Jafarian H, **Mohammadi R**, Mirhendi H, Najafzadeh MJ, Shamsi zadeh A, Soltani J. Susceptibility to Seven Antifungal Agents of *Candida albicans* Isolated in Iran by Clinical Laboratory Standards Institute Broth Microdilution. 2nd and 4th Iranian congress in Medical Mycology. 2015. Shiraz, Iran. P. 45.
- 17) Amirrajab N, Shokohi T, Badali H, Afsarian MH, Abastabar M, Mayahi S , **Mohammadi R**, Didehdar M. Multilocus Sequence Typing of *Candida glabrata* Isolates from Patients with Candidiasis in Iran. 2nd and 4th Iranian congress in Medical Mycology. 2015. Shiraz, Iran. P. 40.

18) **Mohammadi R***, Kheirkhah M. Morphological and molecular identification of clinical *Aspergillus* species based on beta-tubulin gene sequencing. 1st IFRC International Clinical Mycology Conference: *Aspergillus* and Aspergillosis. 8-10 Nov 2016. Sari, Iran. P.37.

19) **Mohammadi R***. Zoonotic fungal infections. 1st National Conference on Zoonoses. 22,23 Feb 2017. Isfahan. Iran.

Book: Mohammadi R, Navab F, Shadzi S, Hadipour M. Strong Women, Strong Bones. Translation from English to Farsi. 2014.

Reviewer

1. Journal of Mycopathologia
2. Journal of Current Medical Mycology (CMM)
3. Medicinal plants, Tehran, Iran (2008)
4. Journal of Isfahan Medical School
5. Journal of Research in Medical Sciences
6. Journal of International Journal of Preventive Medicine

Workshop Attended and Training Courses Participated

- 1) Laboratory animals. Tarbiat Modares University, Tehran Iran. October, 2008.
- 2) Meat and microbial infections. Isfahan University, Isfahan, Iran. March, 2008.
- 3) 5S courses in quality management systems and familiarity with principles of quality management systems. Goldaru Co. Isfahan, Iran. 2006.
- 4) Molecular methods (PCR-RFLP, Nested-PCR, PCR, DNA extraction, Reagent preparation, Electrophoresis, RAPD-PCR, Sequence analysis, Primer Designing, PCR-ELISA, Real Time PCR, FSP-PCR), Isfahan, Iran, January, 2012.
- 5) Antifungal susceptibility testing (Preparing diluted of antifungal agents, Sample and Inoculum preparation, E-Test procedure, MIC and MEC reading results, MIC50, MIC90, MEC, MFC reading results, Breakpoint and interpretation of results), CLSI vs. EUCAST method. June 2012.

Membership

1. Member of International Society for Human and Animal Mycology (ISHAM) (2011-2012).
2. Member of Iranian Society of Medical Mycology.
3. Member of promotion Committee, School of Medicine, Isfahan University of Medical sciences, Isfahan, Iran.
4. Member of educational development organization (EDO) of Isfahan University of Medical sciences, Isfahan, Iran.

5. Member of Infectious Diseases and Tropical Medicine Research Center, Isfahan University of Medical sciences, Isfahan, Iran.

6. Editorial Board of the Journal of Research in Medical Sciences, Isfahan University of Medical sciences, Isfahan, Iran.

7. Editorial Board of the International Journal of Preventive Medicine, Isfahan University of Medical sciences, Isfahan, Iran.

8. Editorial Board of the Journal of Microbial Pathogenesis

Executive activities

Vice-chancellor of Medical Parasitology and Mycology Department, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran

Activities in firms

1) Set up of microbiology tests including: preservative efficiency tests, Microbial differentiation tests, preparation of standard operating procedure (SOP). Goldaru company (Pharmaceutic Co.), Isfahan, Iran.

2) Set up of microbiology tests including: preservative efficiency tests, Potency of antibiotics by Cylinder Plate (CP) and Turbidimetric (T) methods, Microbial differentiation tests, preparation of standard operating procedure (SOP). Raha company (Pharmaceutic Co.), Isfahan, Iran.

Honors and Awards

1) Ranked second in the M.Sc. entrance examination. 2003.

2) “Young Scholar of the Year” award from Goldaru Pharmaceutical Company.

Computer Skill

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

Academic references

1. Prof. Hossein Mirhendi, (Associate Professor, Department of Parasitology and Mycology), School of Public Health and National Institute of Health Research, Tehran University of Medical Sciences, Tehran, Iran. Phone number: 0098-311-2647723

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2. Dr. Hamid Badali, (Assistant Professor of Medical Mycology), Department of Molecular and Medical Mycology, School of Medicine, Mazandaran University of Medical Sciences, Sari, Iran.

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