

# Curriculum Vitae



Ensieh Lotfali, PhD

Department of Parasitology & Mycology,  
School of medicine,  
Shahid Beheshti University of Medical Sciences,  
Tehran, Iran

## 1- Personal Data

- **First name:** Ensieh
- **Last name:** Lotfali
- **Nationality:** Iranian
- **Place of birth:** Tehran
- **Date of birth:** 27 January 1977
- **Marital status:** Married
- **Native language:** Persian
- **Tel:** (98-21) 23872571
- **Mobile:** 09125857759
- **E-mail:** [ensiehlotfali@yahoo.com](mailto:ensiehlotfali@yahoo.com)
- **Academic E-mail:** [ensiehlotfali@sbmu.ac.ir](mailto:ensiehlotfali@sbmu.ac.ir)

- **Address:** P.O. Box 1985717443, School of Medicine, Shahid Beheshti University of Medical Sciences, Koodak-yar St, Daneshjoo Blvd, Velenjak, Chamran HYW, Tehran, Iran
- **Affiliation:** Department of Parasitology & Mycology, School of medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **Google Scholar URL:**  
<https://scholar.google.com/citations?user=vfeenAoAAAAJ&hl=en>

## **2- Educational information**

- **Assistant professor** (from 6 February 2016 (9/02/2016)  
Department of Parasitology & Mycology, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **PhD of Medical Mycology (Molecular Mycology)** (2011-2015).  
Department of Parasitology & Mycology, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran.

**PhD dissertation:** "Investigation of Azole and Polyene Drug resistance in Iranian clinical isolates of *Candida parapsilosis* as well as regulation analysis of involved genes (ERG3, ERG6, ERG11) by Real Time PCR and survey of usage of Nano-particles to reduce resistance at Invitro condition"

(Supervisors: Dr. Sasan Rezaie; Dr. Parivash Kordbache).

- **MSc degree in Medical Mycology** (2008-2011).  
Department of Parasitology & Mycology, Iran University of Medical Sciences, Tehran, Iran.

**MSc dissertation:** "Evaluation of antifungal activity of Triazole and Imidazole new derivatives using colorimetric techniques"

"(Supervisors: Dr. Mehraban Falahati).

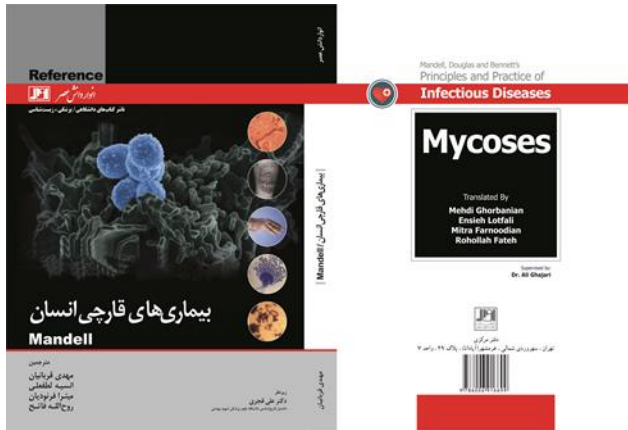
### **3- Teaching Assignment**

- **Medical Mycology** for Medical students (**Mycology Section**), Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, From December 2015 - to date.
- **Medical Mycology** for Dentistry students (**Mycology Section**), Faculty of Dentistry, Shahid Beheshti University of Medical Sciences. From December 2015 - to date.
- **Medical Mycology** for Pharmacy students (**Mycology Section**), Faculty of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran, From December 2015 - to date.
- **Medical Mycology** for MSc students of parasitology (**Mycology Section**), Faculty of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran, From December 2015 - to date.

### **4- Research Publications**

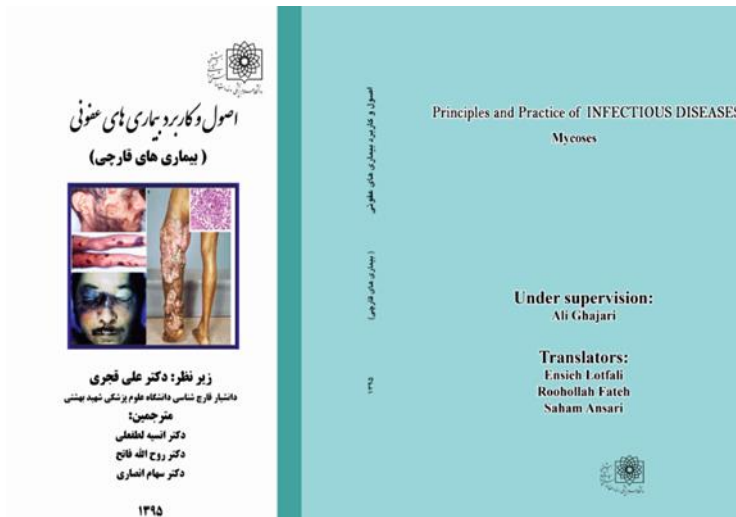
#### **➤ Books**

1. Translation of Mycology section of the book "**principles and Practice of Infectious Diseases by Mandell et al**". Published by Anvare-Danesh Publication, 2010.  
Mehdi Ghorbanian, **Ensiieh Lotfali**, Mitra Farnoodian, Roohollah Fateh.



2. Translation of Mycology section of the book "**principles and Practice of Infectious Diseases by Mandell et al**". Published by Shahid Beheshti University of Medical Sciences, 2015.

Ali Ghajari, **Ensieh Lotfali**, Roohollah Fateh, Saham Ansari



## ➔ *Papers*

### **1. Prevalence of Tinea Versicolor among Dormitory Students.**

Soheil Taherpouran, Ali Asadi Zeidabadi, Arian Alhani, Ensieh Lotfali  
Novelty in Biomedicine, 2024, 12 (4).

### **2. The Evaluation of 660, 810, and 940nm Laser Wavelengths on Nystatin-Resistant Candida albicans: An In-Vitro Study**

Saeed Mohammadi, Reyhaneh Shoorgashti, Ensieh Lotfali, Simin Lesan, Hooman Ebrahimi  
Jundishapur Journal of Microbiology, 2024, 17 (7), 1-9.

### **3. Molecular Epidemiology and Antifungal Susceptibility Profile in Nakaseomyces glabrata Species Complex: A 5-Year Countrywide Study**

Maryam Salimi, Javad Javidnia, Leila Faeli, Azam Moslemi, Mohammad Taghi Hedayati, Iman Haghani, Seyed Reza Aghili, Maryam Moazeni, Parisa Badiee, Maryam Roudbari, Hossein Zarrinfar, Rasoul Mohammadi, Ensieh Lotfali, Sadegh Nouripour-Sisakht, Seyedmojtaba Seyedmousavi, Tahereh Shokohi, Mahdi Abastabar  
Journal of Clinical Laboratory Analysis, 2024, e25042.

### **4. Biliary co-infection by multidrug-resistant Candida glabrata and Candida albicans in a case of pancreatic cancer with cholangitis: A case report and review of literature**

Amir Sadeghi, Hamidreza Hour, Ensieh Lotfali, Erfan Ghadirzadeh, Mohsen Rajabnia  
Medical Mycology Case Reports, 2024, 43, p100625

### **5. MIC determination of silver nanoparticles on nystatin-resistant candida albicans in patients with denture stomatitis: An in vitro study**

Reza Ghasemian Gorji, Reyhaneh Shoorgashti, Ensieh Lotfali, Sareh Farhadi  
Middle East Journal of Rehabilitation and Health Studies, 2024, 11 (1).

### **6. The critical role of gut-brain axis microbiome in mental disorders**

Kimia Basiji, Azadeh Aghamohammadi Sendani, Shaghayegh Baradaran Ghavami, Maryam Farmani, Nesa Kazemifard, Amir Sadeghi, Ensieh Lotfali, Hamid Asadzadeh Aghdaei  
Metabolic brain disease, 2023, 38 (8), 2547-2561.

### **7. Antifungal Effect of Probiotic Lactobacillus casei on Drug-Resistant Oral Candida albicans Isolated from Patients with Hematological Malignancy: An in vitro Study**

Seyedeh Saba Sharifzadeh, Ensieh Lotfali, Simin Lesan, Taraneh Farrokhnia  
Journal of Dentistry, 2023, 24 (4), p389.

**8. Investigation of antifungal sensitivity of dermatophytes species isolated from patients with dermatophytosis**

Hossein Sharifi, Ensieh Lotfali

Journal of Dermatology and Cosmetic, 2023, 14 (3), 152-156.

**9. A Review on Fungal Myocarditis: The Agents, Predisposing Factors and Treatments**

Mehrnaz Amiri<sup>1a</sup>, Mahdis Cheraghi<sup>1a</sup>, Ensieh Lotfali

Novelty in Biomedicine, 2023, 4, 171-179.

**10. The effects of peracetic acid solution on the treatment of otomycosis in an animal model: a new antifungal drug?**

S Nemati, M Akbarpour, E Lotfali, R Nosrati, E Rafiee, N Zebardast

The Journal of Laryngology & Otology, 2023, 137 (7), 79803.

**11. Design and Evaluation of the Effectiveness of the Writing Workshop on Promoting the Research Skills of Basic and Clinical Students based on Kirkpatrick's Model**

Ensieh Lotfali, Hossein Tayebi, Zohre Khoshgoftar

Strides in Development of Medical Education, 2023, 20 (1).

**12. Isolation, Characterization, and Antifungal Sensitivity Pattern of Candida Species Causing Otomycosis**

Behrooz Amirzargar, Mahsa Fattahi, Ensieh Lotfali, Alireza Firooz, Akram Miramin Mohammadi, Ali Khamesipoor

Acta Medica Iranica, 2023.

**13. Evaluation of the Effects of Dielectric Barrier Discharge Plasma on Candidaalbicans Strains: An in vitro Study**

Mahsa Najafi, Ensieh Lotfali, Reyhaneh Shoorgashti, Hooman Ebrahimi, Simin Lesan

Jundishapur Journal of Microbiology, 2023, 16 (11).

**14. The First Fungal Identification from Mini-BAL of Critical COVID-19 Patients**

Fatemeh Fallah, Ensieh Lotfali, Leila Azimi, Hannan Khodaei, Maryam Rajabnejad, Nafiseh Abdollahi, Hossein Tayebi, Saham Ansari, Saeedeh Yaghoubi, Abdollah Karimi

Archives of Pediatric Infectious Diseases, 2023, 11 (4).

**15. Investigation of the antifungal effects of curcumin against nystatin-resistant Candida albicans**

S Hajifathali, S Lesan, E Lotfali, E Salimi-Sabour, M Khatibi

Dental Research Journal .2023, 20.

**16. Rapid discrimination of *Candida* species based on optical diffraction pattern**

M Abedini, H Montazeri, E Lotfali, R Ghasemi, S Badieyan, P Sasanpour  
Journal of Photochemistry and Photobiology B: Biology. 2023, 240, 112630

**17. Evaluation of the risk factors in neonates with oral candidiasis**

E Lotfali, M Fattahi  
DERMATOLOGY AND COSMETIC.2022. 13 (200544), 97-101

**18. The in vitro effect of nanoliposomal amphotericin B against two clinically important dermatophytes**

S Ahmad Nasrollahi, A Fattahi, A Naeimifar, E Lotfali, A Firooz, ...  
International Journal of Dermatology. 2022. 61 (4), 383-389

**19. Coinfection of Toenail Onychomycosis Caused by *Rhodotorula mucilaginosa* and *Candida glabrata* in an Immunocompromised Adult: A Case Report and Literature Review.**

R Ghasemi, S Ansari, E Lotfali, Z Shahnazian, SA Madinehzad, ...  
Novelty in Biomedicine. 2022. 10 (3)

**20. Effects of Cosmetic Preservatives on Healthy Facial Skin Microflora**

SA Nasrollahi, M Fattahi, A Khamesipoor, F Amiri, M Ahmadi, MS Kavkani, ...  
The Journal of Clinical and Aesthetic Dermatology. 2022. 15 (8), 34

**21. Isolation, Characterization, and Antifungal Sensitivity Pattern of Fungal Species with Potential Resistance to Antifungal Drugs in Patients with Otomycosis**

E Lotfali, R Ghasemi, N Masoumi, D Molavizadeh, S Sadeghi, Z Rahmani, ...  
Archives of Clinical Infectious Diseases.2022. 17 (4)

**22. Oral *Candida* colonization and anti-fungal susceptibility pattern in patients with hematological malignancy**

MT Zadeh, E Lotfali, M Fattahi, S Abolgasemi  
Current Medical Mycology. 2022. 8 (3), 18

**23. Azole Resistance in *Candida albicans* Isolates from Oropharyngeal Candidiasis is Associated with ERG11 Mutation and Efflux Overexpression**

Z Jahanshiri, S Manifar, F Arastehnazari, F Hatami, E Lotfali  
Jundishapur Journal of Microbiology. 2022. 15 (9)

**24. *Meyerozyma guilliermondii* species complex: review of current epidemiology, antifungal resistance, and mechanisms**

R Ghasemi, E Lotfali, K Rezaei, SA Madinehzad, MF Tafti, N Aliabadi, ...  
Brazilian Journal of Microbiology. 2022. 53 (4), 1761-1779

**25. Antifungal Effect of Probiotic Lactobacillus casei on Drug-Resistant Oral Candida albicans Isolated from Patients with Hematological Malignancy: An In vitro Study**

SS Sharifzadeh, E Lotfali, S Lesan, T Farrokhnia  
Journal of Dentistry. 2022.

**26. The effects of peracetic acid solution on the treatment of otomycosis in an animal model: a new antifungal drug?**

S Nemati, M Akbarpour, E Lotfali, R Nosrati, E Rafiee, N Zebardast  
The Journal of Laryngology & Otology, 2022, 1-5.

**27. Attenuation of Morphine Dependence by Ganoderma lucidum Extract in Mice**

K Rezaei, MA Sheikholeslami, E Salimi-Sabour, E Lotfali, S Parvardeh  
Jundishapur Journal of Natural Pharmaceutical Products. 2022.

**28. Investigation the effects of silver nanoparticles and gold nanoparticles on expression of bap and csu genes in biofilm formation of Acinetobacter baumannii**

N Rezania, P Rahmati, F Noorbakhsh, N Farhadyar, E Lotfali  
Iranian Journal of Microbiology. 2022. 14 (4), 510-517

**29. Promising effects of corticosteroid treatment in combination with antifungal agents in a patient with Aspergillus meningitis**

PA Jalali, E Lotfali, K Rezaei, A Fatemi, F Ashrafi, S Oraee- Yazdani, Alimohammad Mirdehghan  
Clinical Case Reports. 2022. 10 (7), e5993

**30. Alginate-based multifunctional films incorporated with sulfur quantum dots for active packaging applications**

Z Riahi, R Priyadarshi, JW Rhim, E Lotfali, R Bagheri, G Pircheraghi  
Colloids and Surfaces B: Biointerfaces. 2022. 215, 112519

**31. Phylogenetic relationship of Fusarium species isolated from keratitis using TEF1 and RPB2 gene sequences.**

Z Yassin, Z Salehi, M Soleimani, E Lotfali, M Fattahi, S Sharifynia  
Iranian Journal of Microbiology. 2022. 14 (3)



**32. Anti-biofilm properties of eucalyptol in combination with antifungals against *Candida albicans* isolates in patients with hematological malignancy**

M Keymaram, M Falahati, S Farahyar, **E Lotfali**, S Abolghasemi, Shahram Mahmoudi, Fatemeh Sadeghi, Halala Khalandi, Reza Ghasemi, Sina Shamsaei, Omid Raiesi.  
Archives of microbiology.2022. 204 (6), 1-8

**33. Onychomycosis in patients with nail psoriasis**

**E Lotfali**, A Shirani, S Molavizade, S Shojaei.  
Journal of Dermatology and Cosmetic.2022. 13 (1), 75-84

**34. Treatment of resistant *Candida albicans* in oral lichen planus patients with low power laser**

S Sharifzadeh, **E Lotfali\***, N Novin, S Norouzi, F Azizi.  
Journal of Dermatology and Cosmetic.2022.13 (1), 14-20

**35. Carboxymethyl cellulose-based functional film integrated with chitosan-based carbon quantum dots for active food packaging applications**

Z Riahi, JW Rhim, R Bagheri, G Pircheraghi, **E Lotfali**.  
Progress in Organic Coatings.2022. 166, 106794.

**36. Analysis of molecular resistance to azole and echinocandin in *Candida* species in patients with vulvovaginal candidiasis**

**E Lotfali**, M Erami, M Fattahi, H Nemat, Z Ghasemi, E Mahdavi,  
Current Medical Mycology, 2022.

**37. Effect of Voriconazole on Biofilm of Filamentous Species Isolated from Keratitis**

M Fattahi, R Ghasemi, O Pinegina, MM Bahrami, M Hosseini, **E Lotfali\***  
Archives of Clinical Infectious Diseases 16 (6)

**38. Herbal Therapy for the Management of Seborrheic Dermatitis: A Narrative Review**

A Ayatollahi, A Firooz, **E Lotfali**, F Mojab, M Fattahi  
Recent Advances in Anti-Infective Drug Discovery Formerly Recent Patents on Anti-Infective Drug Discovery.2021,16(3):209-226.

**39. *Prosopis farcta*: Potent Antifungal Activity Against Trichophyton mentagrophytes Strains; A Research Based on an Ethnobotanical Study**

Ebrahim Salimi-Sabour, Mahsa Fattahi, Kamran Rezaei, **Ensieh Lotfali\***, Azadeh Khademian  
Iranian Journal of Medical Microbiology, 2021, p4.

**40. Activities of Nanoparticles Against Fluconazole-Resistant *Candida parapsilosis* in Clinical Isolates**

Ensieh Lotfali, Reza Ghasemi, Azam Fattahi, Mahyar Keymaram, Mohammad Shafiei, Maryam Norouzi, Azin Ayatollahi

ASSAY And Drug Development Technologies, 2021, 19(8), 501-507, <https://doi.org/10.1089/adt.2021.080>.

**41. Drug Sensitivity Profile of Fungi Isolated from Onychomycosis Patients and Evaluation of Squalene Epoxidase Mutation in One Terbinafine-Resistant *Trichophyton mentagrophytes***

Alireza Firooz, Maryam Daneshpazhoo, Ensieh Lotfali, Mahshid Sharzad Kavkani, Zeinab Ghasemi, Ali Khamesipoor, Mansour Nassiri Kashani, Akram Miramin Mohammadi, Seyed Ebrahim Skandari, Saman Ahmad Nasrollahi, Azam Fattahi

Microbial Drug Resistance, 2021, 27(12), 1658-1663, [doi.org/10.1089/mdr.2020.0572](https://doi.org/10.1089/mdr.2020.0572)

**42. A Case of Terbinafine-Resistant *Tinea Cruris* Caused by *Trichophyton tonsurans***

Alireza Firooz, Ensieh Lotfali, Mahsa Fattahi, Maryam Fattahi, Akram Miramin Mohammadi, Mahshid Shahrzad Kavkani

Case Reports in Dermatological Medicine, 2021, [doi.org/10.1155/2021/9611072](https://doi.org/10.1155/2021/9611072).

**43. A case of dermatophytosis with uncommon clinical manifestations by *Trichophyton indotinea***

Afsarolmoluk Hadadian, Azin Ayatollahi, Akram Miraminmohammadi, Mahshid Shahrzadkavkani, Ensieh Lotfali, Mahsa Fattahi

Journal of Dermatology and Cosmetic, 2021, 12 (3), 203-206

**44. Design, Synthesis, and In Vitro and In Vivo Evaluation of Novel Fluconazole-Based Compounds with Promising Antifungal Activities**

Mohammad Shafiei, Hossein Toreyhi, Loghman Firoozpour, Tahmineh Akbarzadeh,

Mohsen Amini, Elaheh Hosseinzadeh, Mehrnoosh Hashemzadeh, Lee Peyton,

Ensieh Lotfali\*, Alireza Foroumadi\*

ACS omega, 2021, 6(38), 24981-25001, [doi/10.1021/acsomega.1c04016](https://doi.org/10.1021/acsomega.1c04016).

**45. Susceptibility Pattern of Caspofungin-Coated Gold Nanoparticles Against Clinically Important *Candida* Species**

Zahra Salehi, Azam Fattahi, Ensieh Lotfali, Abdolhassan Kazemi, Ali Shakeri-Zadeh,

Saman Ahmad Nasrollahi

Advanced Pharmaceutical Bulletin, 2021, 11(4), 693.

**46. Antifungal susceptibility to azoles drugs in Candida species isolated from patients with onychomycosis**

**Ensieh Lotfali**, Zahra Cheraghi, Yasamin Farzaneh, Zakieh Dehbashi, Mahtab Dorrian,  
Mahyar Keymaram, Azam Fattahi

Dermatology And Cosmetic, 2021, 12(2), 91-100,

**47. Enhancement of the Anti-biofilm Activity of Gold Nanoparticles-Itraconazole Conjugates in Resistant Candida glabrata**

**Ensieh Lotfali**, Mahsa Fattahi, Reza Ghasemi, Farzan Zakermashhadi, Mohammad  
Shafiei, Mojgan Borzouie, Mohammad M Rabiei

Recent Advances in Anti-Infective Drug Discovery, 2021, 16(2), 137-147

**48. In vitro and In vivo Antifungal Activity of Alkanna tinctoria against Trichophyton rubrun and Trichophyton mentagrophytes**

Mohammad Mehdi Saghafi, Fatemeh Behi, **Ensieh Lotfali**, Mehran Vosoogh, Samo Kreft,  
Mahsa Fattahi

Iranian Journal of Pharmaceutical Sciences, 2021, 17(3), 33-40

**49. A Review on Molecular Mechanisms of Antifungal Resistance in Candida glabrata: Update and Recent Advances**

**Ensieh Lotfali**, Azam Fattahi, Shirin Sayyahfar, Reza Ghasemi, Mohammad Mahdi Rabiei,  
Mobina Fathi, Kimia Vakili, Niloofar Deravi, Amirali Soheili, Hossein Toreyhi, Fariba Shirvani

Microbial Drug Resistance, 2021, 27(10), 1371-1388, doi.org/10.1089/mdr.2020.0235

**50. Fungal Central Nervous System Infections in Patients With COVID-19**

Mohammad Mahdi Rabiei, Alireza Zali, Sara Rahmati Roodsari, Zahra Arab-Mazar,  
**Ensieh Lotfali\***

International Clinical Neuroscience Journal, 2021, 8(4), 154-156, doi:10.34172/icnj.2021.32

**51. The in vitro effect of nanoliposomal amphotericin B against two clinically important dermatophytes**

Saman Ahmad Nasrollahi, Azam Fattahi, Atefeh Naeimifar, **Ensieh Lotfali**, Alireza Firooz, Ali Khamesipoor, Seyed Ebrahim Skandari, Akram Miramin Mohammadi  
International Journal of Dermatology, 2021, <https://doi.org/10.1111/ijd.15609>

**52. A Review on Anti Dermatophytosis Potential of Medicinal Plants: In-Vitro, In-Vivo and Important Components**

Hossein Toreyhi, **Ensieh Lotfali**, Azam Fattahi, Yasaman Rezaee, Reza Ghasemi, Ebrahim Salimi-Sabour  
Novelty in Biomedicine, 2021, 9(2), 71-100

**53. Effects of adding convalescent plasma therapy for treatment of COVID-19 patients with severe and critical symptoms: a descriptive study of 12 cases**

Shahnaz Sali, Shabnam Tehrani, Alfonso J Rodriguez-Morales, **Ensieh Lotfali**, Davood Yadegarynia, Sara Abolghasemi  
Novelty in Biomedicine, 2021, 9 (2), 39-45

**54. Candidiasis in COVID-19 Patients**

Mohammad Mahdi Rabiei, Alireza Zali, Sara Rahmati Roodsari, Zahra Arab-Mazar, **Ensieh Lotfali\***  
Novelty in Biomedicine, 2021, 9 (2), 101-103

**55. Azole antifungal resistance in candida albicans and candida glabrata isolated from vulvovaginal candidiasis patients**

Niloofer Deravi, Mobina Fathi, Seyede Nadia Tabatabaeifar, Parichehr Pooransari, Bahram Ahmadi, Gholamreza Shokoohi, Shirin Yaghoobpoor, Kimia Vakili, **Ensieh Lotfali**, Saham Ansari  
Archives of Clinical Infectious Diseases, 2021, 16 (2), doi: 10.5812/archcid.106360.

**56. Aspergillus flavus endocarditis and meningitis in a child with marfan syndrome**

Azam Fattahi, Shirin Sayyahfar, **Ensieh Lotfali**, Reza Ghasemi, Hojjat Mortezaeian\*  
Current medical mycology. 2020, 6 (4), 70

**57. Evaluation of Antifungal Effects of Aqueous Extract of Mentha Longifolia Using 0.2% Chlorhexidine on Clinical Isolates of Candida Albicans from Oral Cavity of Patients with Leukemia**

Matineh Farhadi, **Ensieh Lotfali**, Sareh Farhadi Farhadi, Maryam Jolehar

**58. Molecular evaluation of candida species as etiologic agents of onychomycosis**

**Ensieh Lotfali**, Akram Miraminmohammadi, Mahshid Shahrzad, Ali Khamesipoor, Alireza Firooz, Azam Fattahi  
journal of Dermatology and Cosmetic 11 (1), 28-34

**59. Antifungal drug resistance of yeasts in dermatology: mechanisms, epidemiology and clinical impact**

Azam Fattahi, **Ensieh Lotfali\***, Sayna Iranpanah, Yasaman Rezaee, Reza Ghasemi  
Dermatology And Cosmetic 11 (1), 44-61

**60. Does Prolonged Exposure of Environmental Fungi to Ultraviolet Irradiation Change the Pattern of Drug Resistance?**

**Ensieh Lotfali**, Behshad Valizadeh, Reza Ghasemi, Seyed Amir Hossein Feghhi  
Jundishapur Journal of Microbiology, 2020, 13 (11), 1-7.

**61. Comparison of High-resolution Melting Curve Analysis with Specific Target Gene Sequencing to Identify the Most Common Species of Aspergillus and Fusarium**

Fariba Shirvani, Zeynab Yassin, Mahzad Erami, **Ensieh Lotfali**, Reza Ghasemi, Azam Fattahi  
Jundishapur Journal of Microbiology, 2020, 13 (12).

**62. Multidrug resistant Trichophyton mentagrophytes genotype VIII in an Iranian family with generalized dermatophytosis: report of four cases and review of literature**

Azam Fattahi, Fariba Shirvani, Azin Ayatollahi, Ali Rezaei-Matehkolaei, Hamid Badali, **Ensieh Lotfali**, Reza Ghasemi, Zahra Pourpak, Alireza Firooz  
International Journal of Dermatology; 13 October 2020; DOI: 10.1111/ijd.15226

**63. A Review on Hematologic Malignant Patients Infected with 2019 Novel Coronavirus**

**Ensieh Lotfali**, Reza Ghasemi, Masoud Mardani, Azam Fattahi, Kamran Rezaei, Hossein Toreyhi, sara abolghasemi\*  
Journal Archives of Clinical Infectious Diseases; DOI : 10.5812/archcid.107788

**64. Oral Candidiasis in Hematological Malignancies Patients; Identification and Antifungal Susceptibility Patterns among Isolates**

Azam Fattahi Masoud Mardani, Sara Abolghasemi, David Darvishnia, **Ensieh Lotfali**, Reza Ghasemi, Mohammad Mahdi Rabiei

Jundishapur J Microbiol, 2020, DOI : 10.5812/jjm.103290

**65. Molecular Antifungal Resistance Mechanisms in *Candida glabrata* Species Complex: Update and Recent Advances**

**Ensieh Lotfali**, Azam Fattahi\*, Shirin Sayyahfar, Reza Ghasemi, Mohammad Mahdi Rabiei, Mobina Fathi, Kimia Vakili, Niloofar Deravi, Amirali Soheili, Hossein Toreyhi  
Microbial Drug Resistance, 2021/5/5

**66. A review of herbal medicines in seborrheic dermatitis treatment**

Azin Ayatollahi, Alireza Firooz, **Ensieh Lotfali**, Faraz Mojab, Mahsa Fattahi  
Recent Advances in Anti-Infective Drug Discovery, 2021, 16(3), 209-226,  
doi.org/10.2174/2772434416666211029113213

**67. Aspergillus flavus endocarditis and meningitis in a child with Marfan syndrome**

Azam Fattahi . Shirin Sayyahfar . **Ensieh Lotfali** . Reza Ghasemi . Hojjat Mortezaeian  
Current Medical Mycology, 2020, 6(4), 70.

**68. Comparison antifungal properties of gold, silver and selenium nanoparticles against amphotericin B resistant *Candida glabrata* clinical isolates**

**Ensieh Lotfali**, Hossein Toreyhi, Kamyab Makhdoomi Sharabiani, Azam Fattahi, Amirali Soheili, Reza Ghasemi, Mahyar Keymaram  
Avicenna Journal of Medical Biotechnology, 2020; DOI: 10.18502/ajmb.v13i1.4578

**69. Multidrug resistant *Candida glabrata* in an oral lichen planus patient**

**Ensieh Lotfali\***, Alireza Firooz , Azam Fattahi, Mojgan Borzouie, Behzad Chalaki, Reza Ghasemi, Mohammad Mahdi Rabiei, Sareh Farhadi, Seyed Amirfarshad Esteghamat, Mobina Habibollahi  
Iranian Journal of Dermatology, 2020; DOI: 10.22034/ijd.2020.111551

**70. Isolation of *Candida africana* in oral candidiasis, first report among the cancer patients in Iran**

**Ensieh lotfali**, Masoud Mardani, sara Abolghasemi\*, David Darvishnia, Mohammad Mahdi Rabiei, Reza Ghasemi, Fattahi, Aza  
Current Medical Mycology, 2020; 6 (2), 58-62; DOI: 10.18502/CMM.6.2.2695

**71. Microbiological detoxification of mycotoxins: Focus on Mechanisms and Advances**

Ghafouri Z, Abdi M, Asadi A, Maleki F, Kouhsari E, Fattahi A, Ohadi E, **Lotfali E**  
Infection disorder drug target, 2020; DOI: 10.2174/1871526520666200616145150

**72. Evaluating the Susceptibility Pattern of Caspofungin Coated Gold-Nanoparticles against Clinically Important *Candida* Species**

Zahra Salehi, Azam Fattahi\*, **Ensieh lotfali**, Abdolhassan Kazemi, Ali Shakeri-Zadeh, Saman Ahmad Nasrollahi  
Advanced Pharmaceutical Bulletin, 2020; DOI: 10.34172/apb.2021.078

**73. Analysis of Phylogenetic Relationship of *Fusarium coeruleum* and *Fusarium caucasicum* to the *Fusarium solani* Species Complex using Novel Multilocus Sequence Typing Scheme**

Zeynab Yassin, Zahra Salehi, Mohammad Soleimani, **Ensieh Lotfali**, Azam Fattahi\*  
Medical Mycology, 2020; (Accepted)

**74. Caspofungin Resistance in Clinical *Aspergillus flavus* Isolates**

Zeynab Yassin, Farideh Zaini, **Ensieh lotfali**, Azam Fattahi\*, Mahshid Shahrzad Kavkani, Reza Ghasemi, Saman Ahmad Nasrollahi

Journal de Mycologie Médicale, 2020; (Accepted)

**75. Candidemia and its Risk Factors in Neonates and Children**

Mohammad Soleimani, Zahra Salehi, Azam Fattahi\*, **Ensieh Lotfali**, Shiva Mirkalantari, Zeinab Yssin, Reza Ghasemi, Zohreh Abedinifar, Shirin Ferahyar

Archives of Pediatric Infectious Diseases, 2020; DOI: 10.5812/pedinfect.101431

**76. Survey of Expression of Aflatoxin Production Regulator Genes**

***(AflR and Nor1) in Aspergillus parasiticus by Euphorbia connata***

**Bioss. and Pimpinella Anisum L.**

Toreyhi H, Salimi Sabour E, Fattahi A, Lotfali E\*, Kazemi A, Soheili A, Keymaram M, Rezaee Y, Iranpanah S

Open Access Journal of Mycology & Mycological Sciences, 2020; **(Accepted)**

**77. Evaluation of the Effectiveness of Academic Writing Workshop in Medical Students Using the Kirkpatrick Model**

Reza Ghasemi, Maryam Akbarilakeh, Azam Fattahi, **Ensieh Lotfali\***

Novelty in Biomedicine, 2020;1 (1); DOI: 10.22037/nbm.v1i1.29824

**78. Biofilm: Structure, Antifungal Resistance, Proteomics and Genomics of *Candida* Species**

**Lotfali E\***, Deravi N, Fathi M, Vakili K, Ghasemi R, Fattahi A

Open Access Journal of Mycology & Mycological Sciences, 2019; **(Accepted)**

**79. Does alternation of *Candida albicans* TUP1 mRNA expression affect the progress of symptomatic recurrent vulvovaginal candidiasis?**

Mona Ghazanfari, Azam Fattahi, Mehraban Falahati, Majid Bakhshizadeh, Maryam Roudbary, Faramarz Masjedan Jazi, **Ensieh Lotfali**

Current Medical Mycology, 2020; 6 (2), 7-10; DOI: 10.18502/cmm.6.2.2694

**80. Candiduria: Prevalence, Identification of Isolated *Candida* Species and Trends in Antifungal Susceptibility in Hospitalized Patients**

Reza Ghasemi, Mohammad Mahdi Rabiei, **Ensieh Lotfali**, Sara Abolghasemi, Saham Ansari

Novelty in Biomedicine, 2020; 1(1); DOI: 10.22037/nbm.v1i1.26963

**81. Ocular Fungi: Molecular Identification and Antifungal Susceptibility Pattern to Azoles**

Zohreh Abedinifar Mohammad Soleimani, Zahra Salehi, Azam Fattahi \*



Ensieh Lotfali, Zeynab Yassin, RezaGhasemi

Jundishapur J Microbiol, 2020; 13(3); DOI : 10.5812/jjm.99922

**82. Comparative in vitro activities of seven antifungal drugs against a national collection of clinical *Candida parapsilosis* complex**

Sadegh Khodavaisy, Hamid Badali, Mona Modiri, Shahram Mahmoudi, Setareh Agha Kuchak Afshari, Hamidreza Abtahi, Farzad Aala, Ensieh Lotfali, Mohammadreza Salehi, Fatemeh Ahangarkani, Jacques F Meis, Sassan Rezaie

Journal de Mycologie Médicale, 2020; DOI: 10.1016/j.mycmed.2020.100968

**83. Voriconazole resistance genes in *Aspergillus flavus* clinical isolates**

F Zaini, E Lotfali, A Fattahi, E Siddig, S Farahyar, E Kouhsari, M Saffari

Journal de Mycologie Médicale, 2020, DOI: 10.1016/j.mycmed.2020.100953

**84. Alternation of *HWPI* and *PLB1* mRNA Expression Level in Progression of *Candida albicans* in Different Anatomical Sites**

Ensieh Lotfali \*, Azam Fattahi , Fatemeh Noorbakhsh , Saham Ansari , Reza Ghasemi, Mohammad Mahdi Rabiei

Archives of Clinical Infectious Diseases, 2019 December;14(6); DOI: 10.5812/archcid.91258

**85. *Epidermophyton Floccosum*: nucleotide sequence analysis and antifungal susceptibility testing of 40 clinical isolates**

Saham Ansari, Bahram Ahmadi, Maryam Norouzi, Zohreh Ansari, Mohammad Hosein Afsarian, Ensieh Lotfali, Ali Rezaei-Matehkolaei

Journal of Medical Microbiology, jmm001074; DOI: 10.1099/jmm.0.001074

**86. High prevalence of itraconazole resistance among *Candida parapsilosis* isolated from Iran**

Fozieh Hassanmoghadam, Tahere Shokohi, Mohammad Taghi Hedayati, Narges Aslani, Iman Haghani, Mojtaba Nabili, Ensieh Lotfali, Amirhossein Davari, Maryam Moazeni

**87. Blood culture and antimicrobial susceptibility pattern of bacteria and fungi isolated from febrile neutropenic patients treated with chemotherapy at Taleghani hospital, Tehran**

Rozita Khodashahi, Mojdeh Hakemi-Vala\*, Masoud Mardani, Sara Abolghasemi, **Ensieh Lotfali**, Zahra Arab, Naser Omid, Sepideh Ghasemshahi

Iranian journal of microbiology. 2019, 11(2), PMC6635315

**88. Disseminated fusariosis with ecthyma gangrenosum-like lesions in a patient with refractory acute myeloid leukemia**

Masoud Mardani, Rozita Khodashahi, **Ensieh Lotfali**, Sara Abolghasemi<sup>1</sup>, Mojdeh Hake Vala

Current Medical Mycology 2019, 5(1): PMID: PMC6488287

**89. Intra-species genetic variability of 33 clinical isolates of *Arthroderma benhamiae* in Iran**

B Naeimi, A Rezaei-Matehkolaei, MJ Najafzadeh, B Ahmadi, E Lotfali

MEDICAL MYCOLOGY (2018): 56, S90-S90

**90. First report of Vulvovaginitis due to *Cryptococcus magnus* in Iran**

Ali Ghajari, **Ensieh Lotfali\***, Maryam Norouzi, Zahra Arab-Mazar

Current medical mycology (2018): 4 (1), 30

**91. Isolation of Different Species of *Candida* in Patients With Vulvovaginal Candidiasis From Damavand, Iran**

Ali Ghajari, **Ensieh Lotfali\***, Nayeb Ali Ahmadi, Parvin Nazer fassihi, Nasrin Shahmohammadi, Saham Ansari, Maryam Norouzi, Zahra Arab-Mazar

Archives of Clinical Infectious Diseases (2018)

**92. Complicated Bilateral Fungal Emphysematous Pyelonephritis in A 55-Year-Old Diabetic Female, A Case Report and Review of Literatures**

Ensieh Lotfali, Sara Abolghasemi\*, Fatemehsadat Gatmirimotahhari, Mohammad Alizadeh , Zahra Arab-Mazar

Current medical mycology (2018): 4 (2), 32

**93. Expression of aflatoxin production regulator gene (aflR) in *Aspergillus parasiticus* by *Alpinia galangal* and *Dorema aucheri***

Zahra Arab-Mazar, Ensieh Lotfali\*, Ali Ghadjari, Sanaz Aghaei Gharehbolagh, Reza Mohammadi, Sadegh Nouripour-Sisakht  
Novelty in Biomedicine (2018): 1, 29-34

**94. Fungal Contamination in Hot Springs of Mahallat city in summer 2016 (Iran)**

Ali Ghajari\*, Alireza Latifi, Maryam Niyyati, Ensieh Lotfali  
Qom university of medical science journal (2018):11(12):76-83

**95. Candidemia in Febrile Neutropenic Patients; a Brief Report**

MaysamYousefi, Davood Yadegarynia, Ensieh Lotfali\*, Zahra Arab-Mazar, Ali Ghajari, Alireza Fatemi  
Emergency. (2018): 6 (1): e39

**96. Regulation of ERG3, ERG6, and ERG11 Genes in Antifungal-Resistant isolates of *Candida parapsilosis***

Ensieh Lotfali, Ali Ghajari, Parivash Kordbacheh, Farideh Zaini, Hossein Mirhendi, Rasoul Mohammadi, Fatemeh Noorbakhsh, Sassan Rezaie\*  
Iranian Biomedical Journal, (2017): 275-281.

**97. Fungal contamination of hot springs in Mazandaran province fall 2014**

A Ghajari\*, A Latifi, E Lotfali  
Research in Medicine (2017): 41 (1), 50-55

**98. In vitro activity of two nanoparticles on clinical isolates of *Candida parapsilosis*, showing resistance against antifungal agents in children**

**Ensieh Lotfali**, Ahmad Reza Shahverdi, Rasoul Mohammadi, Fatemeh Noorbakhsh, Ali Ghajari, Saham Ansari, Sassan Rezaie\*

Archives of Clinical Infectious Diseases (2017): 12(4):e13853

**99. Effect of *Chenopodium album* and *Apium nodiflorum* on expression of Aflatoxin producing regulator gene (aflR) in *Aspergillus parasiticus***

Fatemeh Noorbakhsh, **Ensieh Lotfali\***, Ali Ghajari, Saham Ansari, Reza Mohammadi, Zahra Arab-Mazar

Herbal medicine Journal (2017): Vol. 2, No. 2:60-5

**100. Antifungal susceptibility analysis of clinical isolates of *Candida parapsilosis* in Iran**

**E Lotfali**, P Kordbacheh, H Mirhendi, F Zaini, A Ghajari, R Mohammadi, ...

Iranian journal of public health (2016): 45 (3), 322

**101. Time to overcome fluconazole resistant *Candida* isolates: solid lipid nanoparticles as a novel antifungal drug delivery system**

Maryam Moazeni, Hamid Reza Kelidari, Majid Saedi, Ketayoun Morteza-Semnani, Mojtaba Nabili, Atefeh Abdollahi Gohar, Jafar Akbari, **Ensieh Lotfali**, Ali Nokhodchi

Colloids and Surfaces B: Biointerfaces (2016):142, 400-407

**102. Investigation the Effects of *Lactobacillus acidophilus* and *Lactobacillus casei* on aflR Gene expression in *Aspergillus parasiticus* by Real Time-PCR**

F Nateghi, F Noorbakhsh, **E Lotfali**, S Rezaie

Iranian journal of public health (2016):45 (6), 781

**103. Fungal airborne contamination as a serious threat for respiratory infection in the hematology ward**

A Ghajari, **E Lotfali**, M Azari, R Fateh, S Kalantary

Tanaffos (2015):14 (4), 257

**104. Evaluation of Antifungal activity of new derivatives of Imidazole using Colorimetric method**

**E Lotfali**, M Falahati, A Foroumadi, S Emami

Razi Journal of Medical Sciences (2012):19 (97), 10-16

105. **2-hydroxyphenacyl azoles and related azolium derivatives as antifungal agents in vitro**

S Emami, A Foroumadi, M Falahati, **E Lotfali**, S Ebrahimi, S Rajabalian, ...

Tropical Medicine & International Health (2009):14, 159

106. **Design of Conformationally Constrained Azole Antifungals: Efficient Synthesis and Antifungal Activity of trans-3-Imidazolylflavanones**

S Emami, M Behdad, A Foroumadi, M Falahati, **E Lotfali**, S Sharifynia

Chemical biology & drug design (2009):73 (4), 388-395

107. **Synthesis and anti-Helicobacter pylori activity of 5-(nitroaryl)-1, 3, 4-thiadiazoles with certain sulfur containing alkyl side chain**

Alireza Foroumadi, Ardeshir Rineh, Saeed Emami, Farideh Siavoshi, Sadegh Massarrat, Fatemeh Safari, Saeed Rajabalian, Mehraban Falahati, **Ensieh Lotfali**, Abbas Shafiee

Bioorganic & medicinal chemistry letters (2008):18 (11), 3315-3320

108. **2-Hydroxyphenacyl azoles and related azolium derivatives as antifungal agents**

S Emami, A Foroumadi, M Falahati, **E Lotfali**, S Rajabalian, SA Ebrahimi, ...

Bioorganic & medicinal chemistry letters (2008): 18 (1), 141-146

## **5- Seminar Presentations**

### ***Oral presentation***

1. **Chitosan and Nano Silver Suspension in Wound Healing of Oral Candidiasis in Piglet Infected**

**Ensieh Lotfali\***, Soheil Taherpouran, Ali Asadi Zeydabadi

9th International Wound and Tissue Repair Congress, 21 December, 2022, Tehran, Iran.

**2. Comparison of Antidermatophytic and wound healing activity of *Prosopis farcta*, *Chenopodium album* and *Apium nodiflorum* Extracts**

Ensieh Lotfali, Ali Asadi Zeidabadi, Soheil Taherpouran, Ebrahim Salimi-Sabour

9th International Wound and Tissue Repair Congress, 21 December, 2022, Tehran, Iran.

**3. Antimicrobial Effect of Gold Nanoparticle against *Streptococcus mutans* and *Candida albicans* biofilms on Denture Stomatitis**

Ensieh Lotfali\*, Azam Fattahi, Mojdeh Hakemi-Vala, Reza Ghasemi, Farzan Zakermashhadi  
21th International Congress on Microbiology of Iran. 18 August 2020, Tehran, Iran.

**4. Anti-adherent activity of *Althaea officinalis* L. extracts on in-vitro biofilm formation of *Streptococcus mutans* and *Candida albicans***

Ensieh Lotfali\*, Hossein Toreyhi, Mehraban Falahati, Mahyar Keymaram

21th International Congress on Microbiology of Iran. 18 August 2020, Tehran, Iran.

**5. Genes expression profiling of polyene-resistant *Candida parapsilosis* strains**

Lotfali E, Kordbacheh P, Mirhendi H, Zaini F, Ghajari A, Mohammadi R, Noorbakhsh F, Rezaei M  
4th Iranian Congress on Medical Mycology & 2nd International Congress on Medical Mycology. October 2015, Shiraz, Iran.

**6. Evaluation of Antifungal activity of new derivatives of Imidazole using Colorimetric method**

Falahati M, Lotfali E, Sharifinia S, Fattahi A, Sayah alborzi SH, Rezaei M

2nd Iranian Congress on Medical Mycology. January 2013, Ahvaz, Iran.

**7. A survey of Candiduria in Diabetic patients referring to Diabetes clinic in Tehran clinic in Tehran and comparison of the results with normal controls**

Falahati M, Lotfali E, Farnoodian M

9th Congress of Iranian Urological Society. May 2006. Tehran, Iran.

***Poster presentation***

**1. *HWPI* Gene frequency and Drug Susceptibility Test in Biofilm of *Candida* Vaginal Isolates**

Sara Sadeghi, **Ensieh Lotfali\***, Danial Molavizadeh, Mahyar Keymaram

2th Annual Student Congress of Laboratory Science, 23-26 July 2022, Mashhad, Iran.

**2. The Effects of Eucalyptol on Ergosterol Biosynthesis in Clinical Isolates of *Candida parapsilosis***

Mahyar Keymaram, **Ensieh Lotfali\***, Zeynab Motavalian

2th Annual Student Congress of Laboratory Science, 23-26 July 2022, Mashhad, Iran.

**3. Evaluation of Fungal Infection after Renal Transplantation**

Zeynab Motevaliyan, **Ensieh Lotfali\***, Sara Abolghasemi, Mahyar Keymaram

2th Annual Student Congress of Laboratory Science, 23-26 July 2022, Mashhad, Iran.

**4. Prevalence and Antifungal Susceptibility of *Candida* Species from Oral in Patients with Hodgkin Lymphoma**

Danial Molavizadeh, **Ensieh Lotfali\***, Sara Sadeghi, Mahyar Keymaram

2th Annual Student Congress of Laboratory Science, 23-26 July 2022, Mashhad, Iran.

**5. The Effect of Nano-Chitosan Particles on *Candida* Biofilm Formation**

Ali Asgharzadeh, **Ensieh Lotfali\***, Mohammad Hossein Hajali, Mahyar Keymaram

6<sup>th</sup> International Congress on Biomedicine, 10-19 November 2022, Tehran, Iran.

**6. Antifungal Effect of Nano-Zno against *Aspergillus* species**

Aysa Khormali, **Ensieh Lotfali\***

6<sup>th</sup> International Congress on Biomedicine, 10-19 November 2022, Tehran, Iran.

**7. Antifungal Effect of Copper Oxide Nanoparticles on *Candida* Species**

Mohammad Hossein Hajali, **Ensieh Lotfali\***, Ali Asgharzadeh, Mahyar Keymaram

6<sup>th</sup> International Congress on Biomedicine, 10-19 November 2022, Tehran, Iran.

**8. Effect of photodynamic therapy on the clinical nystatin-resistant *Candida albicans* strains-associated denture stomatitis in hematological malignancy patients**

Sara Abolghasem1, Masoud Mardani, Mostafa Owenq, Hamed Habibi , **Ensieh Lotfali\***

بیست و سومین کنگره ملی سالیانه و نهمین کنگره بین المللی پژوهشی دانشجویان علوم پزشکی. مهرماه ۱۴۰۱.  
اردبیل. ایران

23rd medical students annual national research congress & the 9th medical students  
International research congress, 27-30 September 2022, Ardebil, Iran.

**9. Candiduria in intensive care units patients: Prevalence and antifungal susceptibility pattern**

**Ensieh Lotfali\***, Sara Abolghasemi, Mehrnaz Amiri, Mahdis Cheraghi

14th International Congress of Laboratory and clinic, 2-4 February 2023, Tehran, Iran

**10. Prevalence and Antifungal Susceptibility of *Candida* Species Isolates from Vulvovaginal Candidiasis between Normal Female and Female with Fertility**

**Ensieh Lotfali**, Bita Pourkaveh, Fateme Pouran

International Congress of National Association of Iranian Gynecologist and Obstetricians,  
26-29 May 2022, Tehran Iran

**11. Prevalence and Antifungal Susceptibility of *Candida* Species from Oral in Patients with Hodgkin Lymphoma**

Danial Molavizadeh, **Ensieh Lotfali\***, Sara Sadeghi, Mahyar Keymaram

2nd Annual Students Congress of Laboratory Sciences, 23-26 July 2022, Mashhad, Iran

**12. Evaluation of Fungal Infection after Renal Transplantation**

Zeynab Motevaliyan, **Ensieh Lotfali\***, Sara Abolghasemi, Mahyar Keymaram

2nd Annual Students Congress of Laboratory Sciences, 23-26 July 2022, Mashhad, Iran

**13. The Effects of Eucalyptol on Ergosterol Biosynthesis in Clinical Isolates of *Candida parapsilosis***

Mahyar Keymaram, **Ensieh Lotfali\***, Zeynab Motavalian

2nd Annual Students Congress of Laboratory Sciences, 23-26 July 2022, Mashhad, Iran

**14. The Role of Silver Nanoparticles-Fluconazole Conjugates in Combating Biofilm-based *Candida albicans* Resistance**

Sahar Sedghi, **Ensieh Lotfali\***, Negar Alibabae

5th International Congress of Pharmacy-Updates, 15-18 February 2022, Tehran Iran



**15. Selective Antifungal Activity of Nanoparticles Against Fluconazole Resistant *Candida tropicalis* in Clinical Isolates**

Negar Alibabae, **Ensieh Lotfali\***, Sahar Sedghi

5th International Congress of Pharmacy-Updates, 15-18 February 2022, Tehran Iran

**16. Potent antifungal agents and use of Caspofungin-Coated Silver Nanoparticles against clinically *Candida krusei***

Viyana Movahed, **Ensieh Lotfali\***

5th International Congress of Pharmacy-Updates, 15-18 February 2022, Tehran Iran

**17. Evaluation of biofilm formation in *Candida parapsilosis* isolated from catheter patients with COVID-19**

Ensieh Lotfali\*, Mahdi Falah Tafti, Mahyar Keymaram

13th International Congress of Medical Laboratory and Clininc, 5-9 February 2022, Tehran, Iran

**18. Oral Candidiasis of ICU Patients with COVID-19: Identification and Antifungal Susceptibility Patterns of Isolates**

**Ensieh Lotfali\***, Zahra Shahnazian, Mahyar Keymaram

13th International Congress of Medical Laboratory and Clininc, 5-9 February 2022, Tehran, Iran

**19. Effects of dielectric barrier discharge plasma on the clinical nystatin resistant *Candida glabrata* strains-associated denture stomatitis**

**Ensieh Lotfali\***, Sina Ghanbaridoust

13th International Congress of Medical Laboratory and Clininc, 5-9 February 2022, Tehran, Iran

**20. Evaluation of the Effect of Gamma Radiation on the Drug Susceptibility Pattern of *Aspergillus* species in invitro**

Behsahd Valizade, **Ensieh Lotfali\***, Seyed Amir Hossein Fegghi

4th National Conference on Iranian Space Radiation, 7-8 July 2021, Tehran, Iran

**21. Evaluation of Biofilm Production of *Candida albicans* Isolated from Oral Candidiasis in Patients with Hematologic Malignancies**

Mahyar Keymaram, **Ensieh Lotfali\***, Shirin Farahyar, Shahram Mahmudi, Mehraban Falahati

1th annual student congress of Laboratory Sciences, 31July-2August 2021, Kermanshah, Iran

**22. Enhancement of the Antibiofilm Activity of Silver Nanoparticles Nystatin Conjugates in Resistant *Candida* Species in Oropharyngeal Candidiasis in Hematological Malignancy Patients**

Ensieh Lotfali\*, Farzan Zakermashhadi

16th Annual Congress of IADR, Iranian Division. 24-26 December 2020. Tehran. Iran

**23. Biocontrol Effect of *Lactobacillus delbrueckii* on Aflatoxin Expression in *Aspergillus parasiticus***

**Ensieh Lotfali\***, Zahra Cheraghi, Fatemeh Noorbakhsh, Mojdeh Hakemi-Vala, Reza Ghasemi, Mahyar Keymaram

21th International Congress of Microbiology of Iran. 18 August 2020. Tehran, Iran

**24. Does selenium nanoparticles prevent the adherence of *Candida parapsilosis* and *Enterococcus faecalis* to urinary catheters? (Accepted)**

**Ensieh Lotfali\***, Hossein Toreyhi, Reza Ghasemi, Mehraban Falahati, Mahyar Keymaram

21th International Congress of Microbiology of Iran. 18 August 2020. Tehran, Iran

**25. Resistant Isolate of *Candida glabrata* in Patient with Oral Lichen Planus**

**Ensieh Lotfali\***, Behzad Chalaki, Seyed Amirfarshad Esteghamat, Mobina Habibollahi

12th International Congress of Medical Lab and Clinic. 12-14 December 2019. Tehran, Iran

**26. Comparison of Biofilms Production of *Candida albicans* and *Candida parapsilosis* Isolates on Denture**

**Ensieh Lotfali\***, Seyed Amirfarshad Esteghamat, Mobina Habibollahi, Behzad Chalaki, Setareh Agha Kuchak Afshari, Saham Ansari

12th International Congress of Medical Lab and Clinic. 12-14 December 2019. Tehran, Iran

**27. Resistance Profile of *Candida albicans* Biofilm on Denture Acrylic**

**Ensieh Lotfali\***, Mobina Habibollahi, Behzad Chalaki, Seyed Amirfarshad Esteghamat, Setareh Agha Kuchak Afshari, Saham Ansari

12th International Congress of Medical Lab and Clinic. 12-14 December 2019. Tehran, Iran

**28. Screening of *ERG11* gene in drug resistant *Candida albicans* isolated from oral candidiasis in leukemia patients**

**Ensieh Lotfali\***, Fargol Farahmandi, Reza Ghasemi, Mohammad Mahdi Rabiei

12th International Congress of Medical Lab and Clinic. 12-14 December 2019. Tehran, Iran

**29. Detoxification of Aflatoxin with Herbal compounds**

**Ensieh Lotfali\***, Eisa Kaveh Vernousfaderani, Reza Ghasemi, Mohammad Mahdi Rabiei

15th Iranian Congress of Toxicology. 19-22 November 2019. Tehran, Iran

**30. Effect of Carbendazim on aflR and norA genes expression in *Aspergillus Parasiticus***

**Ensieh Lotfali\***, Mohammad Mahdi Rabiei, Reza Ghasemi

15th Iranian Congress of Toxicology. 19-22 November 2019. Tehran, Iran

**31. Erythrasma in Diabetic Patients**

**Ensieh Lotfali\***, Ali Akhoondi, Hossein Toreyhi

20th International Congress of Microbiology of Iran. 27-29 August 2019. Kerman, Iran

**32. Catheterized patients: Profile of *Candida* isolated from urinary tracts and pattern of antifungal susceptibility**

**Ensieh Lotfali\***, Reza Ghasemi, Mohammad Mahdi Rabiei

20th International Congress of Microbiology of Iran. 27-29 August 2019. Kerman, Iran

**33. In vitro antifungal activity of Silver nanoparticles against resistant *Candida* species**

**Ensieh Lotfali\***, Kamyab Makhdoomi Sharabiani, Amirali Soheili

20th International Congress of Microbiology of Iran. 27-29 August 2019. Kerman, Iran.

**34. Screening of amino acid substitutions in Fks1p of micafungin resistant-*Candida parapsilosis sensu stricto***

Foozieh Hassan Moghadam, Maryam Moazeni, Tahereh Shokohi, Narges aslani,

Mohammad Taghi Hedayati, Iman Haghani, Hamid Badali, Mojtaba Nabili, **Ensieh**

**Lotfali**

5th Iranian Congress of Medical Mycology. 4-6 December 2018. Tehran, Iran

**35. Intra-species genetic variability and in vitro antifungal susceptibility testing of 33 clinical isolates of *Arthroderma benhamiae* in Iran**

Saham Ansari, Ali Rezaei-Matehkolaei, Kamiar Zomorodian, Mohammad Javad

Najafzadeh, Bahram Ahmadi, **Ensieh Lotfali**

5th Iranian Congress of Medical Mycology. 4-6 December 2018. Tehran, Iran.

**36. Antifungal effects of two endemic aqueous extracts on oral yeasts in diabetic patients**

Hossein Toreyhi, **Ensieh Lotfali\***, Amirali Soheili

5th Iranian Congress of Medical Mycology. 4-6 December 2018. Tehran, Iran.

**37. Clinical characteristics and in vitro susceptibility profiling of Candidemia in febrile neutropenic patients; a brief report in Tehran, Iran**

**Ensieh Lotfali\***, Ali Ghajari, Saham Ansari, Zahra Arab-Mazar, Davood Yadegarynia, Maysam Yousefi

5th Iranian Congress of Medical Mycology. 4-6 December 2018. Tehran, Iran.

**38. Survey of expression of *Candida albicans* secreted aspartyl proteinase 9 in human vulvovaginal candidiasis**

Amirali Soheili, **Ensieh Lotfali\***, Hossein Toreyhi

5th Iranian Congress of Medical Mycology. 4-6 December 2018. Tehran, Iran

**39. Fungal waterborne contamination as a threat for allergic infections in hot springs**

Ali Ghajari\*, **Ensieh Lotfali**

14th International Congress of Immunology & Allergy. 26-28 April 2018. Tehran, Iran.

**40. In Vitro Activity of Silver and Selenium Nanoparticles against Azoles Resistant Isolates of *Candida* species**

**Ensieh Lotfali\***, Ali Ghajari, Maryam Norouzi

10th international Congress of laboratory and clinic and 10th international Congress on medical basic sciences and knowledge based- production

31 January - 2 February 2018. Tehran, Iran

**41. Diversity of fungi in hot springs of central province in Iran**

Ali Ghajari\*, **Ensieh Lotfali**, Alireza Latifi, Maryam Niyayati, Maryam Norouzi

10th international Congress of laboratory and clinic and 10th international Congress on medical basic sciences and knowledge based- production

31 January - 2 February 2018. Tehran, Iran

**42. Isolation and antifungal susceptibility profile of *Candida* species from the oral cavity**

**Ensieh Lotfali\***, Sareh Farhadi<sup>2</sup>, Sanaz Aghaei Gharehbolagh<sup>3</sup>

10th international Congress of laboratory and clinic and 10th international Congress on medical basic sciences and knowledge based- production

31 January - 2 February 2018. Tehran, Iran

**43. Epidemiology and Isolation of Different Species of *Candida* Species Causing Vulvovaginitis**

Ensieh Lotfali\*, Ali Ghajari, Nayeb Ali Ahmadi, Parvin Nazer fasshi, Nasrin

Shahmohammadi, Saham Ansari, Maryam Norouzi, Zahra Arab-Mazar

11th Professor Alborzi international Congress of clinical microbiology. November 21-23, 2017, Shiraz, Iran.

**44. Antifungal activity of silver nanoparticles against Amphotericin B resistant *Candida parapsilosis* strains, alone and in combination with Amphotericin B**

**Lotfali E**, Kordbacheh P, Mirhendi H, Zaini F, Ghadjari A, Mohammadi R, Noorbakhsh F, Rezaie S

4th Iranian Congress on Medical Mycology & 2nd International Congress on Medical Mycology. October 2015, Shiraz, Iran.

**45. Time of overcome Fluconazole-resistant *Candida*: Solid Lipid Nanoparticles as a Novel Antifungal Drugs Delivery system**

Moazeni M, Kelidari H.R, Saeedi M, Morteza-Semnani K, Nabili M, Abdollahi gohar A, Akbari J, **Lotfali E**

4th Iranian Congress on Medical Mycology & 2nd International Congress on Medical Mycology.

October 2015, Shiraz, Iran.

**46. Evaluation of mRNA Expression Levels of *cyp51A* and *mdr1*, *Candida* Genes for Voriconazole Resistance in *Aspergillus flavus***

Fateh R, Zaini F, Fattahi A, Kanani A, Kordbacheh P, Rezaie S, Safara M, Farahyar S, Heidari M, **Lotfali E**

4th Iranian Congress on Medical Mycology & 2nd International Congress on Medical Mycology. October 2015, Shiraz, Iran.

**47. Trends in Antifungal Susceptibility of *Candida parapsilosis*. Isolated from Pediatric and Adult Patients with Bloodstream Infections.**

**Lotfali E\***, Rezaie S, Ghadjari A, Jalalimehr M, Ghazanfari S, Sharifynia S  
7th International Congress of Laboratory and Clinic and 1th Conference of Clinical Virology. , February 2015, Tehran, Iran.

**48. Fungal aerosols in hematology and oncology ward in Tehran Taleghani hospital during construction work**

Ghadjari A, **Lotfali E\***, Kalantari S, Azari M, Shahrashoub M  
3rd Iranian Congress on Medical Mycology, January 2015, Tehran, Iran.

**49. Antifungal drug resistance profiles of *Candida parapsilosis***

**Lotfali E\***, Kordbacheh P, Mirhendi H, Zeini F, Ghadjari A, Mohamadi R, Moazeni M4, Hadian A, Sharifynia S, Rezaie S  
3rd Iranian Congress on Medical Mycology, January 2015, Tehran, Iran.

**50. Molecular Typing and Epidemiology of *Candida* spp.**

Hadian A, Sharifynia S\*, Sharifi M, **Lotfali E**, Ghand chi GH, Hosseinpor L, Baghdadi E  
3rd Iranian Congress on Medical Mycology, January 2015, Tehran, Iran.

**51. Evaluation of air born fungal elements in neonates and ICU units in karaj hospitals.**

Falahati M, **Lotfali E**, Sharifynia S, Sayah alborzi SH, Rezaei M  
1th International Congress and 8th Conference of parasitology. October 2012, Kerman, Iran.

**52. Survey of kratinophilic fungi in different parks of karaj city**

Falahati M, **Lotfali E**, Sharifynia S, Rezaei M  
1nd Iranian Congress on Medical Mycology, April 2011, Sari, Iran.

**53. Evaluation of activity of Immune system (Cellular and Hemoral) in patient with Dermatophytosis**

Nasiri Kashani M.J, Yazdanparast S.A, **Lotfali E**

10th Iranian Congress on Medical Mycology, April 2011, Sari, Iran.

**54. 2-Hydroxyphenacyl azoles and related azolium derivatives as antifungal agents**

Emami S, Foroumadi A, Falahati M, **Lotfali E**, Rajabalian S, Farahyar SH

6th European Congress on Tropical Medicine & International Health, 2009.

**55. Erythrasma infections and Obesity**

**Lotfali E** , Falahati M, Radnia E, Khodabande M

11th Congress on Prevention and Treatment of Obesity in Iran, February 2008, Tehran, Iran.

**56. Prevalence of fungal and bacterial urinary tract infection in children aged 3 to 10 years in Shariati Hospital, Tehran**

**Lotfali E** , Falahati M, Sharifinia S, Aghapour R

Congress of Kidney Diseases in Urology, December 2007, Tehran, Iran.

**57. Comparison of population density Microoccus and Propionibacterium bacteria in the skin of patients with tinea versicolor and healthy people**

**Lotfali E** , Falahati M, Sharifinia S, Fateh R, Farnudian M, Salehi M

16th International Congress of Tropical and Infectious Diseases of Iran, November 2007, Tehran, Iran.

**58. Investigation prevalence of Fungal Urinary Tract nfection(UTI) in outpatients and inpatients referring to Labafinejhad Hospital in Tehran**

**Lotfali E** , Farnoodian M, Yazdanparast A, Rezaee Z

9th Congress of Iranian Urological Society, May 2006, Tehran, Iran.

**59. Evaluation of Diagnostic method in allergic Aspergillosis**

Sharifinia S, Falahati M , **Lotfali E**, Farnoodian M, Ruintan E

8th Congress of Immunology and Allergy of Iran, April 2006, Tehran, Iran

## **60. Mould Allergy**

Farnoodian M, Lotfali E, Sharifinia S, Falahati M.

8th Congress of Immunology and Allergy of Iran, April 2006, Tehran, Iran.

## **61. Provide polyclonal antiserum against antigenic extract of *Candida albicans***

Sharifinia S, Falahati M, Lotfali E, Ruintan E, Fateh R

8th Congress of Immunology and Allergy of Iran, April 2006, Tehran, Iran.

## **۶-Contribution to Theses.**

### ***As Principal Investigator***

#### **1. Evaluation of antifungal resistance pattern in biofilm of *Candida parapsilosis* species isolated from catheter**

Thesis of Mr. Ali Akhoondi Darzikolaei, (2022), Registration Number: 651.

#### **2. Evaluation of biofilm formation in clinical isolates of *Candida albicans* isolated from contact lenses**

Thesis of Mr. Ali Akhoondi Darzikolaei, (2022).

#### **3. Evaluation of antifungal resistance pattern in biofilm of *Candida albicans* species isolated from contact lens**

Thesis of Mr. Mohsen Gholipour, (2022), Registration Number: 638.

#### **4. Survey of Expression of *ERG3* Gene in Itraconazole-Resistant Strains of *Candida parapsilosis* Isolated from Iranian Patients**

Thesis of Mr. Mohammad Heidar, (2022), Registration Number: 99484.



**5. Survey of Expression of *ERG3* Gene in Fluconazole-Resistant Strains of *Candida parapsilosis* Isolated from Iranian Patients**

Thesis of Mr. Mohammad Javad Dehghan, (2021).

**6. Survey of Expression of *ERG3* Gene in Amphotericin B-Resistant Strains of *Candida parapsilosis* Isolated from Iranian Patients**

Thesis of Mr. Hosein Mehrabi, (2022), Registration Number: 1169.

**7. Evaluation of colonization and antifungal drug susceptibility pattern in *Candida* species isolated from the mouths of children and infants**

Thesis of Mr. Homayoon Zainodin Meymand, (2020), Registration Number: 623.

**8. Effect of *Lactobacillus bulgaricus* on changes in aflatoxin-regulating gene expression (*aflR*) in *Aspergillus parasiticus***

Thesis of Mrs. Mahshad Sarikhani, (2020), Registration Number: 622.

**9. Identification of isolated *Candida* species in cancer patients with oral candidiasis and drug susceptibility pattern**

Thesis of Mrs. Golsa Hoseini, (2020).

**10. The effect of *Pimpinella anisum* on *aflR* gene expression in aflatoxin production in *Aspergillus parasiticus***

Thesis of Mr. Hamidreza Maddai, (2020), Registration Number: 395.

**11. Evaluation of resistance of *Aspergillus parasiticus* toxin species isolated from patients to antifungal drugs fluconazole, amphotericin B**

Thesis of Mr. Alireza Shamsi Lahijani, (2021), Registration Number: 624.

**12. Evaluation of drug susceptibility pattern (amphotericin B and caspofungin) in *Candida glabrata* species isolated from Iranian patients.**

Thesis of Mr. Saman Behzadi Sarookolaee, (2021).

**13. Survey of antifungal activity of *Mentha longifolia* and its effect on expression of secretory aspartate protease gene 9 in *Candida albicans***

Thesis of Mr. Hojat Gholipour, (2020).

**14. Survey of antifungal susceptibility pattern (natamycin, amphotericin B and fluconazole) of clinical isolates of *Candida albicans* in *Candida keratitis***

Thesis of Mr. Mohammad Mahdi Rabiee, (2020), Registration Number: M468

**15. Survey of Antifungal Susceptibility pattern (Fluconazole, Itraconazole) of Clinical Isolates of *Candida parapsilosis* in Iranian patients**

Thesis of Mr. Ali Moradi Bastani, (2020), Registration Number: 99131

**16. Comparison of *Candida albicans* and *Streptococcus mutans* adhesion to acrylic base denture resins made by CAD / CAM and Conventional methods**

Thesis of Mr. Artin Hoseini, (2019), Registration Number: 310361

**17. Survey of *SAP4* and *SAP5* genes expression in *Candida* species isolated from clinical specimens of candidiasis**

Thesis of Mr. Miad Nosratpour, (2019), Registration Number: 342

**18. Survey of antifungal susceptibilities of *Candida* species causing candidal vulvovaginitis**

Thesis of Mrs. Mana Zaker Moshfegh, (2019), Registration Number: 350

**19. Survey of antifungal activity of *Mentha longifolia* and its effect on expression of secretory aspartate protease gene 9 in *Candida albicans***

Thesis of Mr. Benyamin Moradpoor, (2019), Registration Number: 343

**20. Survey of in vitro activity of selenium nanoparticles against azoles resistant isolates of *Candida albicans***

Thesis of Mr. Hooshmand Zarei, (2019), Registration Number: 349

**21. In vitro Activity of Silver nanoparticles against Azoles Resistant Isolates of *Candida albicans* in Diabetic patients**

Thesis of Mr. Farbod Khosravi, (2019), Registration Number: 255

## **22. Identification and antifungal susceptibility pattern of *Candida* species isolated from patients with candiduriasis**

Thesis of Mrs. Fateme Kouhi, (2019), Registration Number: 145

### ***As Advisor***

- 1. Evaluation of drug susceptibility of *Trichophyton interdigital* clinical isolates isolated from patients with dermatophytosis to grizoflavin, variconazole, ketoconazole, and caspofungin by microdilution methodes CLSI-M38-A2**

Thesis of Mrs. Kiana Amirreza Shamshirgaran, medical student (2019). Registration Number:322

- 2. Investigating the antifungal effect of *Urtica* and *Foeniculum vulgare* extract on the *Candida* species isolated from the oral cavity by microdilution method**

Thesis of Mrs. Kiana Asanlu, dental student (2019).

- 3. Evaluation of Drug Sensitivity of *Candida* species Isolated from Vulvovaginal Candidiasis to Amphotericin B and Caspofangin**

Thesis of Mr. Navid Chamani, medical student (2019). Registration Number: 267

- 4. Evaluation of antifungal effects of aqueous extract of mentha longifolia with 0.2% chlorhexidine and Nystatin on *Candida albicans***

Thesis of Mrs. Matineh Taftian, Dental student (2019). Registration Number: 1258

- 3. Evaluation of Antifungal effects of aqueous extract of Pimpinella anisum, 0.2% Chlorhexidine and Nystatin on *Candida albicans***

Thesis of Mrs. Zeynab bahari, Dental student (2019). Registration Number: 24199

- 4.Evaluation of antifungal activity of *Sumac (Rhus corriaria)* extract and its effect on expression of *Secreted Aspartyl Protease9 (SAP9)* in *Candida albicans*.**

Thesis of Mrs. Saeedeh Rahsepar (MSc degree in Medical Mycology Department of Parasitology & Mycology, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran. 2016). Registration Number: ۲۴۰/۲۲۲۴

## **✓- Contribution to Projects**

### **109. As Principal Investigator**

**1. Isolation and Molecular Identification of Fungal Species with Potential Resistance to Antifungal Drugs in Patients with Atomycosis in hospitals**

Mycology Lab of School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2022.

**2. Effect of *Apium nodiflorum* and *Chenopodium album* on expression of Aflatoxin producing regulator gene (*afIR*) in *Aspergillus parasiticus*.**

Mycology Lab of School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, July 2016.

**3. Survey of expression of Phospholipase B and Hyphal Wall Protein1 genes in *Candida albicans* strains from patients by Real Time PCR**

Mycology Lab of School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, May 2017.

**4. prevalence of *Candidemia* in feverous and neutropenic Patients and identification of species by Sequencing in Khatam and Taleghani Hospitals, Tehran, Iran**

Mycology Lab of School of Medicine, Infectious Diseases and Tropical Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran, July 2017.

**5. Formulation, Evaluation of the efficacy and safety of a semi-solid combination drug of Terbinafite-*Euphorbia connata* Boiss. in the treatment of cutaneous dermatophytosis: Laboratory and Animal Models**

Mycology Lab of School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2020.

**110. As Co-worker**

- 1. Survey of prevalence and Identification of *Candida* species in Vulvovaginal Candidiasis by PCR- RFLP in sevome- shaban in Damavand city, 2016**

Mycology Lab of School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2016.

- 2. Genetic diversity study on *Epidermophyton floccosum* isolated from dermatophytosis patients based on ITS regions of RNA ribosomal and B-tubulin genes in selected areas of Iran.**

Mycology Lab of School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2017.

- 3. Identification of minor species of *Candida albicans* complex using hyphal wall protein 1 (HWP1) gene**

Mycology Lab of School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2018.

- 4. Disseminated Fusariosis with Simultaneous Ecthyma Gangrenosum-like Lesions in A 35-Year-Old Refractory Acute Myeloid Leukemia Male**

School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2018.

- 5. The Prevalence of Oral Candidiasis in hematologic Malignancies in Taleghani Hospital and Determination of Candida Type and drug Resistance**

Mycology Lab of School of Medicine, Infectious Diseases and Tropical Research Center, Shahid Beheshti University of Medical Sciences, Tehran, 2019.

- 6. In vitro and In vivo assessment of clinically important dermatophyte strains isolated from onychomycosis acquired resistance to liposomal amphotericin B**

Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran, 2019.

- 7. Evaluation of antifungal susceptibility profile to azole and allylamine antifungals in clinical isolates from patients with onychomycosis and assessment of point mutations of ERG1, SQLE, ERG11 in resistant**

**species and mRNA expression of ERG1, SQLE, ERG11 in resistant species treated with antifungal combinations**

Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran, 2019.

**8. Synthesis of new compounds with azole structure. External study of their antifungal effects**

School of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran, 2019.

**9. Investigating the effect of ten common preservatives in Iranian health cosmetics for facial skin on the microbiome population of healthy facial skin in laboratory conditions**

Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran, 2020.

**10. Evaluation of the efficacy and safety of nanoliposomal amphotericin B 0.4% topical in the treatment of onychomycosis: Preliminary intervention clinical trial study**

Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran, 2020.

**11. Obsessive-compulsive disorder study and identification of non-*Albicans Candida* species resistant to antifungal drugs from isolated samples from patients with otomycosis**

Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran, 2020.

**12. Evaluation of the effect of eucalyptol correlation with itraconazole, nystatin and amphotericin B on *Candida albicans* biofilms isolated from oral candidiasis of patients with blood malignancies in Taleghani Hospital in Tehran in 1399-1398**

Mycology Lab of School of Medicine, Iran University of Medical Sciences, Tehran, 2020.

**13. Formulation, Effectiveness and Safety of Tartaric Acid Combination Ointment (Tartaric Acid) - Terbinafine in the Treatment of Cutaneous Dermatophytosis: Laboratory and Animal Model**

School of Traditional Medicine, Iran University of Medical Sciences, Tehran, 2020

**14. Evaluation of *Candida* Colonization in Patients with Hematologic Malignancies Hospitalized in Hematology Hospital of Taleghani Hospital during 1400**

Infectious Diseases and Tropical Research Center, Shahid Beheshti University of Medical Sciences, Tehran, 2022.

**15. Determination of fungal colonization in BAL sample of children with coronavirus (Covid-19) in COVID ICU, Mofid Hospital by Molecular method in 6 months**

Pediatric Infectious Research Center, Children's Health Research School, Shahid Beheshti University of Medical Sciences - year 1400

**16. Isolation of fungi from BAL samples in children with Covid-19 hospitalized in Mofid Hospital in April 1400 to April 1401**

School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, 2022.

**17. Design and Evaluation of the effectiveness of the writing workshop on promoting the research skill and achievements of basic and clinical students of Shahid Beheshti University of Medical Sciences**

Virtual School of Medical Education and Management, Shahid Beheshti University of Medical Sciences, Tehran, 2022

**18. Investigation of anti-fungal activity of *Curcuma longa* against *Candida albicans* and *C. glabrata* isolated from Onychomycosis**

Faculty of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, 2022

**19. Assessment of ganoderma influence on morphine-induced dependence and withdrawal syndrome in mice**

School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, 2022.

## **^Laboratory Skills**

- **Diagnosis of Fungal Infections**
- **Antifungal Susceptibility Testing**
- **Molecular Techniques**
- **Plant Extraction Technique**

## **9- Membership of Societies**

- Iranian Society of Medical Mycology

## **10- Responsibility**

- Membership in the EDO Evaluation Committee.
- Responsibility of planning, exams and site of the Department of Parasitology and Mycology.
- Member of the Interdisciplinary Committee for the immune system and lymphatic system.