



Ali Ahmadi

PhD in Medical Mycology

DoB: 1995-02-21

Marital Status: Married

Military Service: Served



aliahmadiss@yahoo.com



(+98)9160505316



Tehran, Iran

Social Network



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Skills

Antifungal sensitivity test based on EUCAST

100%

Antifungal sensitivity test based on CLSI

100%

Combination antifungal activity

100%

Real Time PCR: SYBR green, primer-probe

80%

Nested PCR assay

80%

Multiplex PCR

80%

ARMS PCR assay

80%



Education

PhD in Medical Mycology

Institute/University: Tehran University of Medical Sciences

Tehran, Iran

2019 - 2024

GPA: 18.95

Thesis title: The *in vitro* antifungal activity of nano-liposomal amphotericin B against common and rare fungal pathogens causative of non-dermatophyte dermatomycosis.

Master of Medical Mycology

Institute/University: Tehran University of Medical Sciences

Tehran, Iran

2016 - 2019

GPA: 19.14

Thesis title: Study of *in vitro* combination antifungal susceptibility of azole and echinocandin on clinical *Candida parapsilosis* complex

Bachelor of Laboratory Sciences

Institute/University: Boroujerd University

Borujerd, Lorestan, Iran

2013 - 2016

GPA: 18.76



Research Background (Articles / Orals / Posters)

The In vitro Effect of Nanoliposomal Amphotericin B Against *Rhizopus arrhizus* Isolated From COVID-19-Associated Mucormycosis Patients

Publisher: Iranian Journal of Pathology

2025

Link: <https://doi.org/10.30699/ijp.2024.2033626.3320>

Original article

Scopus, PubMed

High Prevalence of Azole-Resistant *Aspergillus fumigatus* Among Iranian Cystic Fibrosis Patients: Should We Be Concerned?

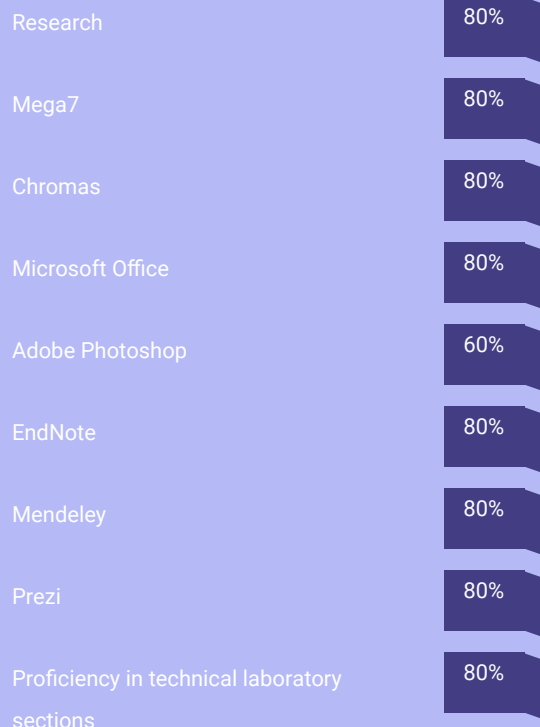
Publisher: Mycoses

2024

Link: <https://doi.org/10.1111/myc.13791>

Original article

Q1, ISI, Scopus, PubMed



Language

English



Kurdish



Co-infection of Aspergillosis and Nasal Demodicosis in an Aplastic Anemia Patient with COVID-19: A Case Report

Publisher: Global Journal of Otolaryngology

2024

Link: <https://juniperpublishers.com/gjo/GJO.MS.ID.556192.php>

Detecting Pathogenic Agents in Mechanically-Ventilated, Critically-III COVID-19 Patients with Ventilator-Associated Pneumonia

Publisher: Archives of Clinical Infectious Diseases

2023

Link: <https://brieflands.com/articles/archcid-134208>

Original article

ISI, Scopus, Embase

Emerging Challenges in Diagnosis and Treatment of Invasive Fungal Infections: Addressing the Impact of COVID-19 and New Pathogens

Publisher: Current Fungal Infection Reports

2023

Link: <https://link.springer.com/article/10.1007/s12281-023-00475-z>

Review article and First author

ISI, Scopus, Embase

Molecular identification of aflatoxigenic Aspergillus species in dried nuts and grains collected from Tehran, Iran

Publisher: Journal of Environmental Health Science and Engineering

2021

Link: <https://link.springer.com/article/10.1007/s40201-021-00734-6>

Original article

ISI, Scopus, PubMed, DOAJ

Comparison of PCR-RFLP with 21-plex PCR and rDNA Sequencing for Identification of Clinical Yeast Isolates

Publisher: Mycopathologia

2020

Link: <https://pubmed.ncbi.nlm.nih.gov/33398667/>

Original article

Q1, ISI, Scopus, PubMed

In vitro synergy of echinocandins with triazoles against fluconazole-resistant Candida parapsilosis complex isolates

Publisher: Journal of Global Antimicrobial Resistance

2020

Link: <https://doi.org/10.1016/j.jgar.2019.11.003>

Original article and First author

ISI, Scopus, PubMed, Embase

● **Candida auris, an emerging fungal pathogen**

Publisher: J Mazandaran Univ Med Sci

2019

Link: <http://jmums.mazums.ac.ir/article-1-12227-en.html>

Review article

Scopus, Embase

● **Antifungal susceptibility pattern and biofilm-related genes expression in planktonic and biofilm cells of Candida parapsilosis species complex**

Publisher: Current Medical Mycology

2019

Link: http://cmm.mazums.ac.ir/article_97073.html

Original article

Scopus, PubMed, DOAJ, Embase

● **Diagnosis of Mucormycosis: An Update**

Publisher: 4th National Seminar on Infection in Transplantation and Cancer

2023

Participated as a panelist in the mucormycosis session and delivered a presentation on mucormycosis

● **Synergistic Effect Of Fluconazole With Echinocandins Against Azole-Resistant Clinical Isolates Of Candida Parapsilosis Complex**

Publisher: 11th International Congress of Laboratory and Clinic

2018

Oral Presentation

● **Genotyping of Clinical Candida parapsilosis isolates from Iran Using Microsatellites**

Publisher: 10th International Congress of Laboratory and Clinic

2017

Oral Presentation

● **Molecular Identification of Aflatoxigenic Aspergillus species in Dried Nuts and Grains Collected from Tehran, Iran**

Publisher: 13th International Congress of Laboratory and Clinic

2022

Poster Presentation

● **Comparison of in Vitro Antifungal Activity of Royal jelly, Propolis and Aloe vera with Available Antifungal Agents against Common Species of Dermatophytes**

Publisher: 13th International Congress of Laboratory and Clinic

2022

Poster Presentation

● **Synergistic Effect Of Fluconazole With Echinocandins Against Azole-Resistant Clinical Isolates Of Candida Parapsilosis Complex**

Publisher: 5th Congress of Medical Mycology in Iran

2018

Poster Presentation

Received the Best Poster Award at the Congress

● **Identification of species and evaluation of drug susceptibility of Candida isolated from patients with visceral candidiasis by disk diffusion and microdilution methods**

Publisher: 9th International Congress of Laboratory and Clinic

2016

Poster Presentation

● **The epidemiological study of actinomycetal infection in patients referred to TUMS determination of etiologic agents 2011 2015**

Publisher: 9th International Congress of Laboratory and Clinic

2016

Poster Presentation



Educational and Article Review Activities

● **Instructor for several specialized laboratory science workshops for students of laboratory sciences and basic sciences**

For: Ministry of Health and Medical Universities across the country

● **Member of the 7th round of the Shahid Ahmad Roshan Program at the National Elites Foundation, with full score achievement**

2023

● **Awarded as the 'Top Teacher' at the Annual General Assembly of Tehran University of Medical Sciences Research Center**

2022

● **Member of the 5th round of the Shahid Ahmad Roshan Program at the National Elites Foundation, with full score achievement**

2020

● **Article Reviewer at the First Research Congress of Medical Students in Tehran**

For: Shahid Beheshti University of Medical Sciences

2023

● **Article Reviewer at the 13th International Congress of Laboratory and Clinic**

For: Iranian Scientific Association of Clinical Laboratory

2021

● **Journal Reviewer (ISI, Scopus, PubMed, Embase) Future Microbiology**

● **Journal Reviewer (ISI, Scopus, PubMed, Embase) BMC Microbiology**

● **Journal Reviewer (Scopus, PubMed) Iranian Journal of Pathology**



Executive Activities

● **Secretary of the TED TUMS Festival**

Institute: Tehran University of Medical Sciences
2023

● **Mentor of the tenth Educational Course on Medical Education Publication (Dana)**

Institute: Tehran University of Medical Sciences – Exclusive to Students from Macro Region 10
2023

● **Member of the Education Development Center**

Institute: Tehran University of Medical Sciences
2023

● **Secretary of the Education Development Office of the School of Health**

Institute: Tehran University of Medical Sciences
2022

● **Responsible for the Website of the Registration System for Invasive Fungal Infections in Iran**

● **Editor and Member of the Editorial Board of the Student Scientific Journal of Medical Mycology**

Institute: Tehran University of Medical Sciences

● **Website and IT Manager for the 13th International Congress of Laboratory and Clinic**

Institute: Iranian Scientific Association of Clinical Laboratory
2021

● **Website and IT Manager for the 12th International Congress of Laboratory and Clinic**

Institute: Iranian Scientific Association of Clinical Laboratory
2020

● **Head of the Command Room, Compilation and Direction of Clips for the 5th Congress of Medical Mycology**

Institute: Iranian Medical Mycology Society
2018

● **Secretary of the Mycomed Association (Student Scientific Association of Medical Mycology at Tehran University of Medical Sciences)**

Institute: Tehran University of Medical Sciences for 4 consecutive years



Honors

1st Place Nationwide - Medical PhD Board Exam (Medical Mycology), Iranian Ministry of Health

2019

Awarded as the 'Top Teacher' at the Annual General Assembly of Tehran University of Medical Sciences Research Center

February 2023

Won 1st Place – Best Research Paper, 5th Iranian Medical Mycology Congress

2018

Awarded Iran's National Elite Student Recognition by the National Elites Foundation