

FIRST NAME: SEYEDMOHAMMADHOSEIN

LAST NAME: AFSARIAN



 Address

Department of Medical Parasitology and Mycology, Fasa University of Medical Sciences, Fasa, Fars, Iran.

 Telephone

Cell: +98 9177108808, Office: +98 7153102419

 Email Address

afsarian@gmail.com
dr.afsarian@fums.ac.ir

 LinkedIn Address

Mohammad hosein Afsarian

CURRENT POSITION

1. Associate Professor of Medical Mycology in Fasa University of Medical Sciences
2. Head of department

ACADEMIC EMPLOYMENT

Since January 2015, Department of Medical Parasitology and Mycology, Fasa University of Medical sciences, Fasa, Fars, Iran.

Education

Degree / sub.	University	Country	Year of passing
Bsc. / Lab Sciences	Shiraz University of Medical Sciences	Iran	2000.02.24
Msc. / Medical Mycology	Tehran University of Medical Sciences	Iran	2006.05.02
PhD. / Medical Mycology	Mazandaran University of Medical Sciences	Iran	2015.01.05
Student of fellowship / Lab Sciences	Shiraz University of Medical Sciences	Iran	...

PUBLICATIONS

- 1. Molecular Identification of Candida species isolated from onychomycosis with in vitro antifungal susceptibility profiles**
MH Afsarian*, Z. Sharafi
Jundishapur Journal of Microbiology (2023)
- 2. Characterization of Candida species isolated from vulvovaginal candidiasis by MALDI-TOF with in vitro antifungal susceptibility profiles**
N. Aslani, R. Kokabi, F. Moradi, K. Abbasi, N. Vaseghi, **MH Afsarian***
Current Medical Mycology (2021) 7 (4), 6-11
- 3. MALDI-TOF MS characterization, genetic diversity and antifungal susceptibility of Trichosporon species from Iranian clinical samples**
F. Ahangarkani, M. Ilkit, N. Vaseghi, N. Zahedi, K. Zomorodian, S. Khodavaisy, **MH Afsarian**, ...
Mycoses (2021), 64 (8), 918-25
- 4. In vitro activity of four triazole antifungal drugs against clinically common and uncommon yeast species**
N. Aslani, T. Shokohi, M. R. Ataollahi³, S. Ansari, Y. Gholampour, A. Khani Jeihooni, **MH Afsarian***
Current Medical Mycology (2019) 5 (4), 14-19
- 5. Epidermophyton floccosum: nucleotide sequence analysis and antifungal susceptibility testing of 40 clinical isolates**
S. Ansari, B. Ahmadi, M. Norouzi, Z. Ansari, **MH Afsarian**, E. Lotfali, A. Rezaei-Matehkolaei
Journal of medical microbiology (2019) 68 (11), 1655-63

6. **Synthesis, Antifungal Evaluation and Molecular Docking Studies of Some Tetrazole Derivatives**
MH Afsarian, M. Farjam, E. Zarenezhad, S. Behrouz, M. N. Soltani Rad
Acta Chimica Slovenica, 66(4), 874-887
7. **Unequivocal identification of an underestimated opportunistic yeast species, *Cyberlindnera fabianii*, and its close relatives using a dual-function PCR and literature review of published cases**
A Arastehfar, W Fang, AM. S. Al-Hatmi, **MH Afsarian**, ...
Journal of Medical Mycology (2019), 0, 1–8
8. **Molecular Identification of Clinically Common and Uncommon Yeast Species**
T Shokohi, N Moradi, L Badram, H Badali1, MR Ataollahi, **MH Afsarian***
Jundishapur Journal of Microbiology (2018), 11(10):e66240
9. **Increased Serum Levels of IL-17A and IL-23 Are Associated with Decreased Vitamin D3 and Increased Pain in Osteoarthritis**
A Askari, MM Naghizadeh, R Homayounfar, A Shahi, **MH Afsarian**, ...
PloS one (2016) 11 (11), e0164757
10. **An Overview of Allergic Bronchopulmonary Aspergillosis; Diagnostic and Therapeutic Aspects**
MH Afsarian, F Moradi, SA Kouhpayeh, MR Ataollahi, A Farzanehpour, ...
Journal of Mazandaran University of Medical Sciences (2016) 26 (138), 232-248
11. **In vitro activity of five antifungal agents against *Candida albicans* isolates, Sari, Iran**
T Shokohi, H Badali, N Amirrajab, MR Ataollahi, SA Kouhpayeh, **MH Afsarian***
Current Medical Mycology (2016) 2 (2), 34-39
12. **In Vitro Activities of Six Antifungal Drugs Against *Candida glabrata* Isolates: An Emerging Pathogen**
N Amirrajab, H Badali, M Didehdar, **MH Afsarian**, R Mohammadi, N Lotfi, ...
Jundishapur Journal of Microbiology (2016)
13. **Molecular Diversity of *Candida albicans* Isolated from Immunocompromised Patients, Based on MLST Method**
SMH Afsarian, H Badali, T Shokohi, S Najafipour
Iranian journal of public health (2015) 44 (9), 1262
14. **Multilocus sequence typing of *Candida albicans* isolates from a burn intensive care unit in Iran**
MH Afsarian, H Badali, T Boekhout, T Shokohi, F Katiraei
Journal of medical microbiology (2015) 64 (3), 248-253
15. **An Overview of the Evolution of Pathogenicity in Human Pathogenic Fungi**
M Arzanlou, R Samadi, **MH Afsarian**, H Badali
Journal of Babol University of Medical Sciences (2015) 17 (2), 71-80
16. **Evaluation of in vitro antifungal activity of *Foeniculum*, *Achillea*, *Satureja*, *Cinnamomum* and *Artemisia* against *Saprolegnia parasitica***
F Firouzbakhsh, **MH Afsarian**, S Hooshangi, H Badali
Arak Medical University Journal (2014) 17 (5), 60-69
17. **The genetic diversity and ecology of the rumen anaerobic fungi of ruminant animals: past, present and future**
Ali Khodaei, M Arzanlou, AA Babai, **MH Afsarian**, H Badali

Journal of Microbial World (2014) 6 (417), 337-350

18. *Imidazolylchromanones containing non-benzylic oxime ethers: Synthesis and molecular modeling study of new azole antifungals selective against Cryptococcus gattii*

M Babazadeh-Qazijahani, H Badali, H Irannejad, **MH Afsarian**, S Emami

European journal of medicinal chemistry (2014) 76, 264-273

19. *Novel triazole alcohol antifungals derived from fluconazole: design, synthesis, and biological activity*

SM Hashemi, H Badali, MA Faramarzi, N Samadi, **MH Afsarian**, ...

Molecular diversity (2014) 19 (1), 15-27

20. *Fungal Prosthetic Valve Endocarditis by Candida parapsilosis: A Case Report*

T Shokohi, SM Nouraei, **MH Afsarian**, N Najafi, S Mehdipour

Jundishapur Journal of Microbiology (2014) 7 (3)

21. *Multilocus Sequence Typing: a Molecular Typing Method with High Discriminatory Power for Identification of Candida Albicans Strains in Epidemiological Studies*

MH Afsarian, H Badali, T Shokohi

Journal of Mazandaran University of Medical Sciences (JMUMS) (2013) 23 (106)

22. *An overview on the role of microbial agents in psoriasis*

M Taheri Sarvtin, MT Hedayati, SA Ayatollahi Mosavi, **MH Afsarian***

Journal of Mazandaran University of Medical Sciences (2012) 23 (98), 364-385

23. *Phaeohyphomycosis due dematiaceous fungi; a review of the literature*

MH Afsarian, T Shokohi, M Arzanlou, M Taheri Sarvtin, H Badali

Journal of Mazandaran University of Medical Sciences (2012) 22, 10936

24. *Analysis of beta-hemolysis in human blood agars by Streptococcus pyogenes*

K Zomorodian, MJ Rahimi, A Safaei, A Bazargani, M Motamadi, M Kharazi, **MH Afsarian**,...

Journal of microbiological methods (2011) 85 (3), 233-234

25. *Identification and study of non-Albicans Candida species isolated from clinical materials of patients with Candidiasis*

SMH Afsarian, F Zaini, P Kordbacheh, M Mahmoudi, S Rezaii, M Safara

Tehran University Medical Journal TUMS Publications (2007) 64 (12), 38-47

AWARDS AND HONOURS

Report of two yeast species (*C. haemulonii* and *C. sorbosivorans*) from clinical specimens for the first time in Iran

GRANTS AND FELLOWSHIPS

Student of fellowship of Laboratory Sciences at Shiraz University of Medical Sciences

CONFERENCES

1- Poster presentation

- 1- Identification and study of non-*Albicans* *Candida* species isolated from clinical materials of patients with Candidiasis
(The 5th National Congress on Quality Improvement in Clinical Laboratories)
- 2- Fungal allergens and importance of their clinical and diagnosis; a review article
(The 2nd Annual Student-Research Congress of Mazandaran University of Medical Sciences)
- 3- The survey of tinea capitis in referral patients to Medical mycology laboratory, Tooba clinic, Sari, 88-89
(The 2nd Annual Student-Research Congress of Mazandaran University of Medical Sciences)
- 4- An epidemiologic survey of inguinal region infections in patients referred to Medical Mycology Laboratory, Tooba Clinic, Sari
(The 1st International and 1st Iranian Congress in Medical Mycology)
- 5- A review of cutaneous, subcutaneous and systemic phaeohyphomycosis by black like yeast fungi
(2nd Iranian Congress in Medical Mycology)
- 6- Is it possible antifungal resistant of *Candida albicans* isolates analyzed by the MLST attributed to particular clonal clusters?
(The 2nd International and 4th Iranian Congress in Medical Mycology: From Bench to Bed)

2- Oral presentation

- 1- In vitro study of antifungal susceptibility of *Candida* species (non *albicans*) to conventional drugs
(The Sixth National and the First Regional Congress on Parasitology and Parasitic Diseases)
- 2- Multilocus sequence typing (MLST) of *Candida albicans* isolates from hospitalized patients in Iran
(3rd Iranian Congress in Medical Mycology)
- 3- Identification of clinically common and uncommon yeasts species by molecular and MALDI-TOF methods and Isolation *Candida haemulonii*, *Candida sorbosivorans* and *Cyberlindnera fabianii* from Iran
(5th Iranian Congress in Medical Mycology)

TEACHING EXPERIENCE

Field of teaching and period:

1- Medical Mycology:

1- Undergraduate students:

Lab Sciences, Public health, Nursing, Anesthesia, Operating room and Medical emergency.

2- Graduate students:

Medicine (General Physician).

2- Bioinformatics:

1- Postgraduate students:

MSc. Clinical Biochemistry and MSc. Medical Biotechnology.

3- Principles of safety and protection in laboratory:

1- Undergraduate students:

Lab Sciences

4- Quality control in laboratory:

1- Undergraduate students:

Lab Sciences

5- Laboratory introductions:

1- Undergraduate students:

Lab Sciences

6- Medical Entomology:

1- Undergraduate students:

Public health

RESEARCH EXPERIENCE AND INTERESTS

Medical Mycology, Molecular Mycology, Antifungal drugs, Fungal infections, MLST (Multilocus Sequence Typing), Molecular Epidemiology, Medicinal herbs, Nosocomial infections
