

Personal information

First Name : **Elaheh**

Last Name : **Mahmoudi**

Date of Birth : **04,11,1979**

Nationality : **Iranian**

Marital status: **Married**

Gender : **Female**

Education

B.Sc. Microbiology, (1998-2002), Esfahan University, Esfahan, Iran

M.Sc. Mycology, (2002-2004), School of Medicine, Tarbiat- Modarres University, Tehran.
Iran.

Ph.D. Clinical Mycology (2004-2009)

Current status:

Associate professor.

Faculty Member of School of Medicine, Alborz University of Medical Sciences, Karaj, Iran.

Teaching Experience

Full time faculty member at School of Medicine, involve in teaching Clinical Mycology for
Medical, Dental, and laboratory Sciences students

Dr. Elaheh Mahmoudi

Department of Mycology & parasitology,
Alborz University of medical sciences, Karaj, Iran

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Collaboration with Alborz University of Medical Sciences in teaching practical units of biotechnology for 40 hours

Administration

Director of Research and Development of Alborz University of Medical Sciences (2011-2013).

Publications

- Negin azizollah, Niussha Sharifinejad, Sayed_ Hamidreza Mozhgani, Seyed Mehdi Mousavian, Mahmoud bakhtiyari, **Elaheh Mahmoudi***. The Effect of Intestinal Fungal Dysbiosis on Dectin-1 and Cytokines Expression in Patients with Ulcerative Colitis(IN PRESS).
- Niussha Sharifinejad, **Elaheh Mahmoudi***. Dual function of antifungal cytokines in inflammatory bowel disease, protection or inflammation: a narrative review (IN PRESS).
- Niussha Sharifinejad, Seyed Hamidreza Mozhgani, Mahmood Bakhtiyari and **Elaheh Mahmoudi***. Association of LRRK2 rs11564258 single nucleotide polymorphisms with type and extent of gastrointestinal mycobiome in ulcerative colitis: a case-control study. Gut Pathogen (2021) 13:56.
- **Elaheh Mahmoudi**, Sayed-Hamidreza Mozhgani and Niussha Sharifinejad*. The role of mycobiota-genotype association in inflammatory bowel diseases: a narrative review. Gut Pathogen (2021) 13:31.
- **Elaheh Mahmoudi***, Mansoureh Yazdkhasti, Amin Gharanfoli. Filtered Kombucha Tea Rings the Bell for TLR2, TLR4, MYD88, and Dectin-1 in Mice Model of colitis. Research Journal of Pharmacognosy (RJP) (2020) 7(3): 1-4.

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- Nafiseh pakravan, fatemeh kermanian, **Elaheh Mahmoudi***. Filtered kombucha tea ameliorates the leaky gut syndrome in young and old mice model of colitis. Iranian journal of basic medical sciences (2019) 22(2):1-8.
- **Elaheh Mahmoudi**, Mehrdad Faizi, Reza Haiaghaee, and Ali Razmi*, Alteration of depressive-like behaviors by *Psilocybe cubensis* alkaloid extract in mice: the role of glutamate pathway. Journal of Pharmacognosy, 2018; 5(2), 17-24.
- Nafiseh Pakravan, **Elaheh Mahmoudi***, Seyed-Ali Hashemi, Jamal Kamali, Reza Hajiaghayi, Mitra Rahimzadeh, Vajiheh Mahmoodi. Cosmeceutical effect of ethyl acetate fraction of Kombucha tea by intradermal administration in the skin of aged mice. J Cosmet Dermatol, 2017; 1–9.
- Enayatollah Kalantar, Mojan Assadi, Helen Pormazaheri, Shiva Hatami, Maryam Agha Barari, Esfandiar Asgari, **Elaheh Mahmoudi**, Kourosh Kabir, Seyed Mahmoud Amin Marashi. *Candida non albicans* with a High Amphotericin B Resistance Pattern Causing Candidemia among Cancer Patients. Asian Pacific Journal of Cancer Prevention, 2014; 15(24).
- Enayatollah Kalantar, Seyed Mahmoud Amin Marashi, Helen Pormazaheri, **Elaheh Mahmoudi**, Shiva Hatami, Maryam Agha Barari, Mohammad Hadi Naseh, Mojan Asadi. First experience of *Candida non-albicans* isolates with high antibiotic resistance pattern caused oropharyngeal candidiasis among cancer patients. J Cancer Research and Therapeutics, 2015; 11 (2).
- Mohammad Hadi Naseh, Seyed Mahmoud Amin Marashi, Esfandiar Asgari , Maryam Aghabarari , **Elaheh Mahmoudi** , Mozhan Asadi , Shiva Hatami , Enayatollah Kalantar. Bacteremia in Cancer Patients: A Two Center Experience of Isolates and Spectrum of Antibiotic Resistance Pattern. Jundishapur J Nat Pharm Prod, 2015; 10(3): e24358.

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- Amin Gharanfoli, **Elaheh Mahmoudi***, Roya Torabizadeh, Farzad Katiraii, Saeid Faraji Isolation, characterization, and molecular identification of Candida species from urinary tract infections. Current Medical Mycology 2019, 5(2): 33-36.
- **Elaheh Mahmoudi ***, Jahangir Rezaie Isolation of different fungi from the skin of patients with seborrheic dermatitis. Current Medical Mycology, 2020, 6(2): 49-5.
- **Mahmoudi E***, Saeidi M, Marashi MA, Moafi A, Mahmoodi V, Zeinolabedini Zamani M. In vitro activity of kombucha tea ethyl acetate fraction against Malassezia species isolated from seborrhoeic dermatitis. Curr Med Mycol, 2016; 2(4): 30-36.
- Mounes Asadi Shavaki, **Mahmoodi Elaheh***, Negin Valaei .An Investigation of Bacterial and Fungal Pollution of Swimming Pools in Karaj city and Effect of Some Environmental Factors on it. Journal of Research in Environmental Health, 2015; 1(2).
- Jabbari Sharare, Mahmoodi Vajiheh, **Mahmoodi Elaheh***.Antifungal activity and improved quality of wheat toast bread by Iranian Lactobacillus species. Res J Pharm, Biol Chemi Sci. 2011; 5(3):117.
- **Mahmoodi Elaheh***, Yadegari Mohammad Hossein, Sadeghizadeh Majid, Zahir Hassan Mohammad. The effect of Candida albicans aspartyl proteinase expressed in Pichia pastoris on macrophage ingestion. Australian Journal of Basic and Applied Sciences.

Articles published in congress proceeding:

Elaheh mahmoudi The effects of kombucha tea on intestinal integrity in mice. Clinical nutrition , 4-6 march. 2019. Spain, Barcelona

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Elaheh mahmoudi. Prevalence of fungi in dust pollution crisis in the province of Alborz and Tehran. 9th international congress of clinical microbiology. October 13-15, 2015. Shiraz, Iran P-41.

Mahmoudi Elaheh: Antifungal activity of ethyl acetate fraction from kombucha tea against pathogenic yeast *Candida albicans*. Asian mycological congress 7-10 october 2015. Biotechnology and Industrial Mycology 09/10: AN S8-P-04

Elaheh mahmoudi. Review on important PRRs in anti-fungal immunity. 3th international congress of immunology, asthma and allergy. Mashhad, Iran, 3-6 MAY 2016.

Elaheh mahmoudi, Aida moafi, Vajiheh Mahmoudi, Monireh Zeinolabedini Zamani. In Vitro Investigation of Anti *Candida* Activity of ethyl acetate fraction from Kombucha tea. 1th International and 4th national congress on Enteric pathogens, 2015.

Elaheh mahmoudi. Review on role of *Malassezia* spp. On dermatitis atopic. Tabriz international annual dermatology congress. 2016

Elaheh mahmoudi. Review on the role of Th17 cells on immune response against fungal pathogens. 3th international congress of immunology, asthma and allergy. Mashhad, Iran, 3-6 MAY 2016.

Elaheh mahmoudi. *Lactobacillus delbrueckii* have Antifungal activity against *Aspergillus*, *Penicillium* and *Fusarium* spp. on bread. 25th IIER the 173rd International Conference on Recent Advances in Medical Science (ICRAMS) Pune, India

E Kalantar, M Asadi, S Hatami, M Agha Barari, M Hadi Naseh, E Mahmoudi, K Kabir. *Candida non albicans* isolates with a high antibiotic resistance: a real threat for cancer patients in Karaj City. 3rd International Conference on Prevention and Infection Control (ICPIC 2015) Geneva, Switzerland. 16-19 June 2015.

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Enayatollah Kalantar, Seyed Mahmoud Amin Marashi, Helen Pormazaheri, Ellaheh Mahmoudi, Shiva Hatami. Sepsis among cancer patients, a two center experience of isolates and spectrum of antibiotic resistance pattern. 6th EACID 24-27 september 2014, Belgrad, Serbia.

International Conference on Medical and Health Sciences (ICMHS) Pune, India 25th-26th February, 2017

Book:

Practical manual of Medical Microbiology, ISBN: 978-8184486377, 2011,

Executive Experiences

- Expertise in Molecular techniques for example: PCRs, RT-PCR, RNA & DNA & plasmid extraction, Bioinformatics analysis, Gene cloning, Real-Time PCR.
- Microbial cultivation & Sampling
- Computer: Expertise in usual software consists: Word, Power point, Excel, EndNote & Molecular Software.

Membership of scientific societies

- Iranian society of medical mycology.
- Iranian Society of Ethics in Sciences and Technology.

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Honors

- Outstanding Researcher at School of Medicine, Alborz University of Medical Sciences,
December 2016.

Above all, I have been as a reviewer for many outstanding journals and participated in various National and international conferences.

References:

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Alborz University of Medical Sciences.
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Prof. Enayatollah Kalantar,
Alborz University of Medical Sciences.
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