Personal Information

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Educational Records

Degree	Institution	Field	Date
B.Sc	Azad University Kazeroon, Iran	Microbiology	1994
M.Sc	Azad University Jahrom, Iran	Microbiology	1999
Ph.D	University of Putra Malaysia, Malaysia	Microbial Biotechnology	2012
Post-Doctorate Fellow	University of Putra Malaysia, Malaysia	Microbial Biotechnology	2014

Professional and Academic Scientific Experience

- **2000- Present:** Assistant Prof., Department of Microbiology, Yasooj Branch, Islamic Azad University, Yasooj, Iran.
- **2015-2017:** Head of Department of Microbiology, Yasooj Branch, Islamic Azad University, Yasooj, Iran.

- **2005-2007:** Head of Department of Microbiology, Yasooj Branch, Islamic Azad University, Yasooj, Iran.
- **2000-2004:** Head of Department of Paramedical Sciences, Faculty of Medicine, Yasooj Branch, Islamic Azad University, Yasooj, Iran.

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Subjects Taught

- Biology (General, Cellular and Molecular) [Theoretical and practical] [Bachelor and Master Degree]
- Microbiology (General, Medical) [Theoretical and practical] [Bachelor and Master Degree]
- Biotechnology (Microbial) [Master Degree]
- Mycology [Theoretical and practical] [Master Degree]
- Molecular Genetics [Ph.D Degree]
- Antibiotics and Molecular Mechanisms [Master Degree]
- Medical Biochemistry [Bachelor Degree]
- Immunology [Bachelor and Master Degree]

Research Interest

- Molecular investigation of the mechanisms of action of the new antifungal agents and some biological products with antimicrobial activity on pathogens.
- Molecular investigation of microbes in infectious diseases.
- Applications of -omics technologies in understanding host-pathogen interactions.
- Development and application of rapid molecular diagnostic techniques for microbial infections.
- Production of nanoparticles by microorganisms.

Research Grants Obtained

- Targeted transcript profiling using massive parallel sequencing of genes involved in signaling molecules during interaction of oil palm with *Ganoderma boninense* and *Trichoderma harzianum,* Fundamental Research Grant Scheme (FRGS), Malaysia, 2013.
- Isolation and characterization of transcription factors involved in coordinating expression of defense response genes during interaction of oil palm with *Ganoderma boninense.* Putra Grant, Malaysia, 2013.

Research Projects

- Study of the prevalence of herpes virus infections in patients with transient bone marrow suppression, Azad University, Iran, 2017.
- Study the relationship between TLR-4 polymorphism and BK polyomavirus infection in transplant patients, Azad University, Iran, 2017.
- Production of silver nanoparticles from *Candida albicans* and its antibacterial activity, Azad University, Iran, 2016.

- Evaluation of GBVC/HGV infection in patients with non-Hodgkin's lymphoma, Azad University, Iran, 2011.
- Epidemiologic study of candidiasis in Kohgiluyeh and Boyer Ahmad province Azad University, Iran, 2005.
- Antibacterial effect of some *Aceraceae* and *Cucurbitaceae* extracts against *Enterobacteriaceae* species, Azad University, Iran, 2005.
- Synthesis of 4-choloro- 2, 6-bis (2-hydroxy-α-toloyl) phenol from microwave radiation in solid phase and investigation of antibacterial effects, Azad University, Iran, 2002.

Publications

Journal Articles

- Alizadeh, H., Khodavandi, A., **Alizadeh, F.,** Bahador, N. (2021). Molecular characteristics of carbapenem-resistant Klebsiella pneumoniae isolates producing blaVIM, blaNDM and blaIMP at clinical centers in Isfahan, Iran. ***Jundishapur Journal of Microbiology.***
- Hosseini, SMK., **Alizadeh, F.,** Nouripour-Sisakht, S., Khodavandi, A. (2021). Synergistic interaction of fluconazole/sodium bicarbonate on inhibition of *Candida glabrata* phospholipase gene. ***Brazilian Journal of Pharmaceutical Sciences***.
- Norouzi, N., **Alizadeh, F.,** Khodavandi, A., Jahangiri, M. (2021). Differential transcriptional response of *Candida albicans* biofilm genes to combined menthol with conventional antifungal agents. *Submitted.*
- Beheshtirooy, F., **Alizadeh, F.,** Panahi Kokhdan, E., Khodavandi, A. (2020). Synergistic interaction of carvacrol and fluconazole on growth inhibition of *Candida albicans in vitro* and *in vivo* mouse model. ***Sydowia,*** 72: 207-214.
- Feridoniy, M., **Alizadeh, F.,** Panahi Kokhdan, E., Khodavandi, A. (2020). Study of the antifungal potential of carvacrol on growth inhibition of *Candida krusei* in a systemic candidiasis. ***Advances in Traditional Medicine.***
- Jam Shahriari, S. **Alizadeh, F.,** Khodavandi, A. (2020). Interaction of *Candida albicans* with combination of fluconazole/clotrimazole: effect on hyphae formation and expression levels of hyphal wall protein 1 (*HWP1*). ***International Journal of Medical Laboratory,*** 7(2): 110-120.
- Zare-Khafri, M., **Alizadeh, F.,** Nouripour-Sisakht, S., Khodavandi, A., Gerami, M (2020). Inhibitory effect of magnetic iron oxide nanoparticles on the pattern of expression of lanosterol 14α-demethylase (*ERG11*) in fluconazole-resistant colonizing isolate of *Candida albicans*. ***IET Nanobiotechnology***, 14(5):375-381.
- Hakim, Z., **Alizadeh, F.,** Panahi Kokhdan, E., Khodavandi, A. (2020). Microbiological and histological characteristics of interactions between carvacrol and fluconazole in a systemic candidiasis animal model. ***Acta Pharmaceutica Sciencia,*** 58(2):180-191.
- Khodavandi, P., **Alizadeh, F.,** Khodavandi, A**.** (2020). Multidrug resistant, extended-spectrum beta-lactamases *ctx-m, per* and *ver* producing *Escherichia coli* isolated from raw dairy. ***Nova Biologica Reperta,*** 7(1):45-54.
- **Alizadeh, F.,** Khodavandi, A. (2020). Systematic review and meta-analysis of the efficacy of nanoscale materials against coronaviruses-Possible potential antiviral agents for SARS-CoV-2. ***IEEE Transactions on NanoBioscience,*** 19(3):485-497.

- Khodavandi, A., **Alizadeh, F.,** Abdull Razis, A.F. (2020). Association between dietary intake and risk of ovarian cancer: a systematic review and meta-analysis. ***European Journal of Nutrition.***
- Neamati, S., Khodavandi, A., **Alizadeh, F.** (2019). Inhibitory effect of fluconazole combined with amphotericin b on fluconazole-resistant *Candida albicans* biofilm formation. ***Journal of Advances in Medical and Biomedical Research.***
- Khodavandi, A., **Alizadeh, F.,** Abdolahi, M., Jahangiri, M. (2019). Differential expression levels of *ALS*, *LIP*, and *SAP* genes in *Candida tropicalis* treated with fluconazole alone and in combination with clotrimazole. ***Journal of Reports in Pharmaceutical Sciences***, 8(1):28-33.
- **Alizadeh, F.**, Khodavandi, A., Ahmadsomali, S. (2019). Expression of lanosterol 14-demethylase (*ERG11*) gene of three-drug combinations in *Candida albicans.* ***Iranian Journal of Pharmaceutical Sciences***.
- Khodavandi, A., **Alizadeh, F.**, Khezrian, F. (2018). Inhibition of *Candida albicans* yeast– hyphal transition by combination of fluconazole with amphotericin B. ***Physiology and Pharmacology***, 22(3):195-204.
- Khodavandi, A., **Alizadeh, F.**, Zaboli zadeh, S. (2018). Inhibitory effect of carvacrol on the expression of *Candida albicans* hyphae-specific gene (*HWP1*). ***Journal of Babol University of Medical Sciences***, 20(10):63-70.
- Diba, A., **Alizadeh, F.** (2018). *In vitro* and *in vivo* antifungal activity of *Allium hirtifolium* and *Allium sativum*. ***Avicenna Journal Phytomedicine***, 8(5):465-474.
- Khodavandi, A., **Alizadeh, F.**, Alizadeh, E. (2018). Antifungal activity of carvacrol in combination with fluconazole or amphotericin B against Candida albicans. ***Malaysian Journal of Microbiology***. 14(5):356-363.
- Khodavandi, A., **Alizadeh, F.**, Sanaee, T. (2018). Antifungal activity of carvacrol on ergosterol synthesis in multidrug resistant *Candida albicans.* ***Hormozgan Medical Journal***, 22(2):113-121.
- Khodavandi, A., **Alizadeh, F.**, Jafarzadeh, M. (2018). Synergistic interaction of fluconazole/ amphotericin B on inhibition of enzymes contributes to the pathogenesis of *Candida tropicalis.* ***Pharmaceutical Sciences***, 24(4):280-290.
- **Alizadeh, F.**, Khodavandi, A., Esfandyari, S., Nouripour-Sisakht, S. (2018). Analysis of ergosterol and gene expression profiles of sterol $\Delta^{5,6}$-desaturase (*ERG3*) and lanosterol 14α-demethylase (*ERG11*) in *Candida albicans* treated with carvacrol. ***Journal of Herbmed Pharmacology***, 7(2):79-87.
- Khodavandi, A., Alizadeh, F., Hakimizadeh, S. (2018). Effect of aqueous and ethanol extracts of Chavil leaf and stem on the inhibition of *Candida albicans* secreted aspartyl proteinase. ***Journal of North Khorasan University of Medical Sciences***, 9(4):90-98.
- Khodavandi, A., **Alizadeh, F**., Marashi, N. (2018). Antibiofilm activity of fluconazole/terbinafine combination in *Candida albicans HWP1* gene expression. ***Arak Medical University Journal***, 20(128): 22-33.
- Khodavandi, A., **Alizadeh, F**., Abraheh, Z. (2018). Comparison of *ERG11* gene expression profiles of *Candida albicans* treated with *Thymus vulgaris* extracts alone and in combination with *Mentha* spicate. ***Biological journal of Microorganism***, 7(25): 87-99.

- Yaghobi, R., **Alizadeh, F**., Khodavandi, A. (2018). Counteraction between herpes virus infections and IL-10 and risk of bone marrow suppression ***International Journal of Organ Transplantation Medicine***, 9(3):119-125.
- Khodavandi, A., **Alizadeh, F**., Zalakian, S. (2017). Quantitation of ergosterol content and gene expression profile of lanosterol 14α-demethylase (*ERG11*) gene in clinical isolate of fluconazole-resistant *Candida albicans.* ***Current Medical Mycology***, 3(1): 13-19.
- Keshavarz, E.S., Khodavandi, A., **Alizadeh, F**., Rahimi, G. (2017). The microbial quality of drinking water in Kohgiluyeh and Boyer-Ahmad province, Iran (2013-2014). ***Micro & Nano Biomedicine***, 2(1): 1-7.
- Yaghobi, R., Khodavandi, A., Alizadeh**, F**. (2017). Association of TLR4 polymorphisms and polyomavirus BK infection in liver transplant patients. ***Tropical Biomedicine***, 34(4): 886–894.
- Khodavandi, A., **Alizadeh, F**., Sadat Faraji, F. (2017). *Malva sylvestris* inhibits *Candida albicans* biofilm formation. ***Journal of Herbmed Pharmacology***, 6(2): 62-68.
- Rakebizadeh, M. Khodavandi, A., **Alizadeh, F**. (2017). Isolation, molecular identification and antibiotic resistance of *Escherichia coli* from patients with urinary tract infections of Kohgiluye & BoyerAhmad province. ***Micro & Nano Biomedicine***, 1(1): 35-41.
- Khodavandi, A., **Alizadeh, F**., Sadri, A. (2016). *Allium sativum*, *Allium hirtifolium* and *Allium cepa*: The probable quorum-sensing quenching compounds against *Candida albicans.* ***Biosciences Biotechnology Research Asia***, 13(3): 1457-1468.
- Rahimi, G., **Alizadeh, F**., Khodavandi, A. (2016). Mycosynthesis of silver nanoparticles from *Candida albicans* and its antibacterial activity against *Escherichia coli* and *Staphylococcus aureus.* ***Tropical Journal of Pharmaceutical Research***, 15(2): 371-375.
- Khodavandi, A., **Alizadeh, F**., Shahinipor, M. (2016). Relative quantitation of hyphae-specific gene *hwp1* expression in inhibition of *Candida albicans* biofilm. ***Journal of Microbial World***, 9(1): 22-33.
- Khodavandi, A., **Alizadeh, F**., (2015). Gene expression profiling of fatty acid biosynthetic pathway during interaction of oil palm (*Elaeis guineensis* Jacq.) with the mutualistic fungus *Glomus etunicatum.* ***Acta Physiologiae Plantarum***, 37: 221.
- Rahimi, G., Khodavandi, A., Jannesar, R., **Alizadeh, F**., Yaghobi, R., Sadri, A. (2014). Evaluation of antifungal effects of ethanolic and aqueous extracts of Zataria *Multiflora* herb in the pathogenic yeast *Candida albicans* biofilm inhibition. ***Journal of Pure and Applied Microbiology***, 8(6): 4559-4564.
- **Alizadeh, F**., Jannesar, R., Khodavandi, A., Sadri, A., Keshavarz, E.S. (2014). Inoculation technology for *Trichoderma harzianum* during interaction with oil Palm *Elaeis guineensis* Jacq. ***Journal of Pure and Applied Microbiology***, 8(6): 4541-4547.
- Khodavandi, A., **Alizadeh, F**., Namvar, F., Mohamad, R., Chong, P.P. (2014). Anti-*Candida* potential of *Allium asccalonicum* Linn: antibiofilm activity and

biomolecular mechanism of action. ***Journal of Pure and Applied Microbiology***, 8(Spl. Edn. 2):349-356.

- Namvar, F., Khodavandi, A., **Alizadeh, F**., Baharara, J., Bayat,S., Soltani, M., Mohamad, R., Azizi, S., Rahman, H.S. (2014). Antimicrobial activity and bioactive compounds of Persian Gulf sea cucumber (*Holothuria leucospilota*). ***Journal of Pure and Applied Microbiology***, 8(6): 4455-4463.
- Khodavandi, A., **Alizadeh, F**., Aghai Vanda, N., Karimi, G., Chong, P.P. (2014). The possible mechanisms of the antifungal activity of fluconazole in combination with terbinafine against *Candida albicans*. ***Pharmaceutical Biology***, 52(12): 1505-1509.
- **Alizadeh, F.,** Abdullah, S.N.A, Chong, P.P., Selamat, A.B. (2014). Expression analysis of fatty acid biosynthetic pathway genes during interactions of oil palm (Elaeis guineensis Jacq.) with the pathogenic *Ganoderma boninense* and symbiotic *Trichoderma harzianum* fungal organisms. ***Plant Molecular Biology Reporter***, 32(1): 70-81.
- **Alizadeh, F**., Abdullah, S.N.A., Khodavandi, A., Chong, P.P. (2013). Improvement in in vitro growth rates of *Ganoderma* species with industrial wood waste supplements. ***African Journal of Microbiology Research***, 7(29): 3772-3788.
- Khodavandi, A., **Alizadeh, F**. (2013). Expression analysis of hyphae-involved genes in *Candida albicans* treated by allicin originated from garlic. ***Jundishapur Journal of Microbiology***, Special Edition (2): 10-11.
- Khodavandi, A., **Alizadeh, F**. (2013). Investigation the potential of allicin to inhibit the growth of *candida albicans* in vitro and in a systemic candidiasis mouse model. ***Jundishapur Journal of Microbiology***, Special Edition (2): 10-11.
- Khodavandi, A., Tahzir, N.A.B., Poh, W.C., Yong, P.V.C., **Alizadeh, F**., Hrmal, N.S., Chong, P.P. (2013). Antifungal activity of *Rhizome coptidis* and *Alpinia galangal* against *Candida* species. ***Journal of Pure and Applied Microbiology***, 7(3): 1725-1730.
- **Alizadeh, F**., Abdullah, S.N.A., Khodavandi, A. (2013). Influence of oil palm-fungi interactions on soil microfungal community and growth profile of plant. ***Journal of Pure and Applied Microbiology***, 7(4): 2577-2590.
- Khodavandi, A., Harmal, N.S., **Alizadeh, F**., Scully, O.J., Sidik, S.M., Othman, F., Ng, K.P., Sekawi, Z., Chong, P.P. (2011). Comparison between allicin and fluconazole in *Candida albicans* biofilm inhibition and in suppression of *HWP1* gene expression. ***Phytomedicine***, 19(1): 56-63.
- Khodavandi, A., Harmal, N.S., **Alizadeh, F**., Sidik, S.M., Othman, F., Ng, K.P., Sekawi, Z., Chong, P.P. (2011). Expression analysis of *SIR2* and SAPs1-4 gene expression in *Candida albicans* treated with allicin compared to fluconazole. ***Tropical Biomedicine***, 28(3): 589-598.
- Khodavandi, A., Yaghobi, R., **Alizadeh, F**., Mirzaee, M., Roshan Nia, M., Ramzi, M. (2011). Evaluation of GBVC/HGV infection in patients with non-Hodgkin's lymphoma. ***African Journal of Microbiology Research***, 5 (24): 4143-4149.
- **Alizadeh, F**., Abdullah, S.N., Khodavandi, A., Abdullah, F., Yusuf, U.K., Chong, P.P. (2011). Differential expression of oil palm pathology genes during

interactions with *Ganoderma boninense* and *Trichoderma harzianum*. ***Journal of Plant Physiology,*** 168(10):1106-1113.

- Khodavandi, A., **Alizadeh, F**., Harmal, N.S., Sidik, S.M., Othman, F., Sekawi, Z., Farboodniaye Jahromi, M.A., Ng, K.P., Chong, P.P. (2011). Comparison between efficacy of allicin and fluconazole against *Candida albicans in vitro* and in a systemic candidiasis mouse model. ***FEMS Microbiology Letters***, 315(2): 87-93.
- Khodavandi, A., **Alizadeh, F**., Aala, F., Sekawi, Z., Chong, P.P. (2010). *In Vitro* investigation of antifungal activity of allicin alone and in combination with azoles against *Candida* species. ***Mycopathologia,*** 169 (4): 287-295.

List of Papers Presented in Congress and Seminars

- Diba, A., **Alizadeh, F.** (2018). Aqueous and ethanolic extracts of *Allium hirtifolium* and *Allium sativum* on growth inhibition of *Candida tropicalis* in a systemic candidiasis mouse model. 20th National and 8th International Congress of Biology. University of Maragheh, Iran. 22-24 Aug.
- Abraheh, Z., **Alizadeh, F**. (2017). Antifungal activity of *Thymus vulgaris* extracts alone and in combination with *Mentha spicate* against *Candida albicans.* 9th International Congress of Laboratory and Clinic and 2nd Iranian Congress of Basic Medical Sciences and the Knowledge Based Production. Tehran, Iran. 21-24 February.
- Khezrian F., **Alizadeh, F**. (2016). *In vitro* activities of fluconazole and amphotericin B alone and in combination against *Candida albicans.* 17th International and Iranian Congress of Microbiology. Tehran, Iran. 23-25 August.
- Zalakian, S., **Alizadeh, F.** (2016). Antifungal susceptibility pattern of some clinical isolates of *Candida* species from immunocompromised patients in Omidiyeh County. 8th International Iranian Congress of Laboratory and Clinic. Tehran, Iran. 6-8 February.
- Sadri, A., Khodavandi, A**. Alizadeh, F**. (2016). Application of inoculation technology for *Trichoderma harzianum* during interaction with oil palm *Elaeis guineensis* Jacq. 8th International Iranian Congress of Laboratory and Clinic. Tehran, Iran. 6-8 February.
- Sadri, A., Khodavandi, A**. Alizadeh, F**. (2016). Investigation of the inhibitory effect of *Zataria Multiflora* extract on *Candida albicans* yeast. 8th International Iranian Congress of Laboratory and Clinic. Tehran, Iran. 6-8 February.
- Sadat Faraji, F., **Alizadeh, F**., Khodavandi, A. (2015). The inhibitory effects of extracts of *Malva sylvestris* and *Ferulago angulata* against *Candida krusei* and *Candida albicans*. 23th Iranian Congress on Infectious Diseases and Tropical Medicine. Tehran, Iran. 12-16 January.
- Khodavandi, A., **Alizadeh, F**. (2013). Investigation the potential of allicin to inhibit the growth of *candida albicans in vitro* and in a systemic candidiasis mouse model. 2th Iranian Congress in Medical Mycology. Ahvaz, Iran.
- Khodavandi, A., **Alizadeh, F**. (2013). Expression analysis of hyphae-involved genes in *Candida albicans* treated by allicin originated from garlic. 2th Iranian Congress in Medical Mycology. Ahvaz, Iran.

- Salehin, Z., Khodavandi, A., **Alizadeh, F**. (2012). Evaluation of the anti-biofilm properties of allicin in *Candida albicans* in suppression of *HWP1* gene expression. 6th Iranian Congress of Clinical Microbiology & the First International Congress of Clinical Microbiology. Mashhad, Iran. 2-4 October.
- Aghai Vanda, N., Khodavandi, A., **Alizadeh, F**. (2012). Evaluation of anti-*Candida* properties of allicin in combination with fluconazole and ketoconazole. 6th Iranian Congress of Clinical Microbiology & the First International Congress of Clinical Microbiology. Mashhad, Iran. 2-4 October.
- **Alizadeh F**, Siti Nor Akmar A, Khodavandi A. (2014). Overexpression of fatty acid biosynthetic pathway genes during symbiotic interaction of *Trichoderma harzianum* and the oil palm (*Elaeis guineensis* Jacq.). International Symposium on Functional Genomics & Structural Biology. Malaysia.
- Sadat Faraji, F., **Alizadeh, F**. (2014). Evaluation of the antifungal activity of some of the medicinal plants on growth inhibition of *Candida albicans* and *Candida krusei*: 8th International Iranian Clinical Microbiology. Tabriz, Iran. July.
- Siti Nor Akmar, A., Nusaibah, A., **Alizadeh, F.**, Ismanizan, I., Safiza M. (2014). Differential expression of stearoyl-ACP desaturase isoforms for storage oil production and stress response in oil palm. International Association of Plant Biotechnology Congress, Melbourne Convention and Exhibition Center, Melbourne, 10- 15 August.
- Khodavandi, A.**, Alizadeh, F**., Chong, P.P. (2013). The potential of allicin to inhibit the growth of *Candida albicans* in vitro and in a systemic candidiasis mouse model. International Congress of the Malaysian Society for Microbiology (ICMSM2013), Malaysia.
- **Alizadeh, F.**, Siti Nor Akmar, A., Khodavandi, A., Chong, P.P. (2013). Host pathogenic interaction of *Ganoderma boninense* and the oil palm (*Elaeis guineensis* jacq.): role of fatty acid biosynthetic pathway genes. International Conference on Crop Improvement, Issues and Prospects for Biotechnology Intervention. Bangi, Malaysia. 25-26 November.
- **Alizadeh, F.**, Khodavandi, A., Chong, P.P. (2011). Morphological, biochemial and molecular identification and epidemiological investigation of *Candida* species in Yasuj. 1s'Iranian Congress on Medical Mycology. Mazandaran, Iran. 3-5 May.
- Khodavandi, A., Scully, O.J., **Alizadeh**, **F**., Sekawi, Z., Othman, F., Chong, P.P. (2010). Allicin inhibits *Candida albicans* biofilm growth and down-regulates *HWP1* expression. IMC9: International Mycological Congress: The biology of fungi. Edinburg, England. 1-6 August.
- Siti Nor Akmar, A., **Alizadeh, F.**, Khodavandi, A., Abdullah, F., Umi Kalsom, Y., Chong, P.P. (2010). Expression profile of antioxidant scavenger metallothionein genes during oil palm-fungal interactions. International Conference on Food Security During Challenging Times, July, Universiti Putra Malaysia, Malaysia.
- Siti Nor Akmar, A., **Alizadeh, F.**, Nusaibah, A., Sariah, M., Idris A.S. (2010). Molecular and biochemical approaches on *Ganoderma* research. Second International Seminar on Oil Palm Diseases: Advances in *Ganoderma* Research and Management, Sheraton Hotel, Yogyakarta, 31 May.
- Khodavandi, A., **Alizadeh, F.**, Sekawi, Z., Chong, P.P. (2009). *In Vitro* investigation of antifungal activity of allicin alone and in combination with azoles

against *Candida* Species. International Congress of Malaysian Society for Microbiology. Penang, Malaysia. 1-4 December.

- Ahanchin, A., **Alizadeh, F**. (2001). Identification of *Candida* spp isolated from human and determination of pathogenesity of *C. tropicalis in vivo.* 9th Iranian Congress of Infectious Disease and Tropical Medicine. Tehran, Iran. 14-18 Jan.

Gene Sequence Documentation in Public Database (GenBank)

- **Alizadeh F**, Khodavandi A, Rozbehi H. *Trichoderma tawa* strain IAUYFAAKHR1. (2018). GenBank: MK346238.
- **Alizadeh F**, Khodavandi A, Rozbehi H. *Trichoderma harzianum* strain IAUYFAAKHR2. (2018). GenBank: MK346239.
- **Alizadeh F**, Khodavandi A, Rozbehi H. *Trichoderma simmonsii* strain IAUYFAAKHR4. (2018). GenBank: MK346240.
- **Alizadeh F**, Khodavandi A, Rozbehi H. *Trichoderma cf. harzianum* strain IAUYFAAKHR5. (2018). GenBank: MK346241.
- **Alizadeh F**, Khodavandi A, Rozbehi H. *Trichoderma tawa* strain IAUYFAAKHR6. (2018). GenBank: MK346242.
- **Alizadeh F**, Khodavandi A, Rozbehi H. *Trichoderma tawa* strain IAUYFAAKHR8. (2018). GenBank: MK346243.
- Rozbehi H, **Alizadeh F**. *Trichoderma sp.* IAUYFAAKHR9. (2019). GenBank: MK386467.
- Rozbehi H, **Alizadeh F**. *Trichoderma sp.* IAUYFAAKHR10. (2019). GenBank: MK386468.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Candida albicans* strain Khodavandi-Alizadeh-1. (2019). GenBank: MK587453.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Candida tropicalis* strain Khodavandi-Alizadeh-2. (2019). GenBank: MK587454.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Candida tropicalis* strain Khodavandi-Alizadeh-3. (2019). GenBank: MK587455.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Diutina mesorugosa* strain Khodavandi-Alizadeh-4. (2019). GenBank: MK587456.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Pichia kudriavzevii* strain Khodavandi-Alizadeh-5. (2019). GenBank: MK587457.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Candida albicans* strain Khodavandi-Alizadeh-1 secreted aspartyl proteinase 1 (*SAP1*) mRNA, partial cds (2019). GenBank: MK546432.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Candida albicans* strain Khodavandi-Alizadeh-1 secreted aspartyl proteinase 4 (*SAP4*) mRNA, partial cds (2019). GenBank: MK546433.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Candida albicans* strain Khodavandi-Alizadeh-1 actin (*ACT*) mRNA, partial cds (2019). GenBank: MK546434.
- Khodavandi A, **Alizadeh F**, Khodavandi P. *Candida albicans* strain Khodavandi-Alizadeh-1 hyphal wall protein 1 (*HWP1*) mRNA, partial cds (2019). GenBank: MK546435.

- **Alizadeh F**, Khodavandi A, Khodavandi P. *Elaeis guineensis* stearoyl-acylcarrier protein desaturase mRNA, 3' UTR (*SAD-A*) (2019). GenBank: MK557918.
- **Alizadeh F**, Khodavandi A, Khodavandi P. *Elaeis guineensis* acetyl-CoA carboxylase (*ACC-A*) mRNA, partial cds (2019). GenBank: MK557919.
- **Alizadeh F**, Khodavandi A, Khodavandi P. *Elaeis guineensis* beta-ketoacyl-acylcarrier protein synthase III (*KAS III-A*) mRNA, partial cds (2019). GenBank: MK557920.
- **Alizadeh F**, Khodavandi A, Khodavandi P. *Elaeis guineensis* palmitoyl-acylcarrier protein thioesterase (*PTE-A*) mRNA, partial cds (2019). GenBank: MK557921.
- **Alizadeh F**, Khodavandi A, Khodavandi P. *Elaeis guineensis* glycerol-3-phosphate acyltransferase (GPAT-A) mRNA, partial cds (2019). GenBank: MK557922.
- **Alizadeh F**, Khodavandi A, Khodavandi P. *Elaeis guineensis* metallothionein (*MT3-C*) mRNA, partial cds (2019). GenBank: MK557923.
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Book

- Antifungal Agents and Their Mechanism of Action
- Modern Techniques in Susceptibility Tests of Antifungal Agents

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- Baghiyat, M. Microbial synthesis of silver and iron nanoparticles by *Bacillus* sp. And *Fusarium* sp. and evaluation of their anti-biofilm activities in *Candida albicans* and *Pseudomonas aeruginosa.*

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Patent

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Honors

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Evaluation Activities

- Review 50 Master and Ph.D Thesis
- Molecular Biology Reports
- Plant Physiology and Biochemistry
- International Journal of Applied Microbiology and Biotechnology Research
- African Journal of Microbiology Research
- Endocrine, Metabolic & Immune Disorders - Drug Target 5
- Food Biotechnology (Book)
- Molecular Biology Reports
- Pharmaceutical Sciences 2
- IET Nanobiotechnology
- Frontiers in Immunology
- Frontiers in Microbiology
- Frontiers in Cellular and Infection Microbiology