

# Curriculum Vitae



## Personal History

Name: Behrouz Naeimi

Date of Birth: September 16, 1971

Place of Birth: Kazeroun – Fars - Iran

Marital Status: Married

Postal Address: Department of Medical Laboratory Sciences, School of Allied Medicine, Bushehr University of Medical Sciences, Bushehr, Iran

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## Education:

Ph.D.degree in Medical Mycology: Departments of Medical Parasitology & Mycology, School of Public Health; National Institute of Health Research, Tehran University of Medical Sciences, Tehran, Iran 1997 July 7

Ph.D.Thesis: Detection and molecular characterization of 26S proteasome regulatory subunit in dermatophytes pathogen *Trichophyton rubrum* and *Trichophyton verrucosum* and investigation the effect of anti-proteasome medicine on 26S proteasome regulatory subunit gene regulatory in these fungi for new anti-fungal drug development.

Master' s degree: in Medical Mycology: Departments of Medical Parasitology & Mycology, School of Public Health; National Institute of Health Research, Tehran University of Medical Sciences, Tehran, Iran 2008 November 13

MSc Thesis: Investigation of Dermatophytosis by Dermatophytes and Dermatomycosis by *Hendersonula toruloidea* and *Scytalidium hyalinum* in Kazeroun

## Honors and Awards:

- J Ranked 2<sup>nd</sup> in the input exam of Medical Mycology in Ph.D. section among Candidates, Tehran University of Medical Sciences, Tehran, Iran, and 2004 February.
  - J Ranked 2 in the input exam of Medical Mycology in MSc. section among 213 Candidates, Tehran University of Medical Sciences, Tehran, Iran, and 1994 February.
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## Research Interests

Molecular techniques including:

- RT PCR
- Restriction enzyme design
- Real time PCR
- FSP PCR
- PCR-Sequencing
- Primer design
- PCR-RFLP

Evaluation of antifungal drug resistance in pathogenic fungi

- Antifungal susceptibility tests

Marine microbiology

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## List of publications:

### فارسی:

- . بررسی اثر مهارى مخلوط کلرید مس و ۸- هیدروکسی کینولین بر رشد ترایکوفایتون و روکوزوم طب جنوب، سال سیزدهم، شماره ۱
- . شناسایی گونه های کاندیدای جدا شده از واژنیت در خانم های مراجعه کننده به درمانگاه تخصصی ابوالفضل بوشهر طب جنوب، سال سیزدهم شماره ۲
- . بررسی سرواپیدمیولوژی توکسوپلاسموز در دختران دانشجوی دانشگاه های خلیج فارس و علوم پزشکی بوشهر طب جنوب، سال سیزدهم شماره ۲

- . تاثیر عصاره آبی گیاه استویا (*Stevia rebaudiana*) بر میزان سرمی واسپین و پروتئین شبه آنژیوپوپیتین نوع ۳ در موش های صحرایی دیابتی شده با استریتوزوتوسین طب جنوب، سال هجدهم شماره ۲
- . ارزیابی اثر کشندگی روغن درخت چای (*Melaleuca alternifolia*) بر لیشمانیا ماژور در شرایط آزمایشگاهی طب جنوب سال هجدهم شماره ۶
- . ارتباط بین پلی مورفیسم های ( rs2243191T/C و rs1028181-513T/C ) ژن اینترلوکین ۱۹ و ولوواژینیت کاندیدایی راجعه. ارمغان دانش، دوره ۲۶، شماره ۲، خرداد و تیر ۱۴۰۰.

## English:

1. Cytokine Profiles and Cell Proliferation Responses to Truncated ORF2 Protein in Iranian Patients Recovered from Hepatitis E Infection. Hindawi Publishing Corporation, Journal of Tropical Medicine, Volume 2015
2. *Candida africanana* in recurrent vulvovaginal candidiasis (RVVC) patients: frequency and phenotypic and genotypic characteristics. Journal of medical microbiology 2018
3. Frequency of *Cryptosporidium* infection and related factors under five year's old children hospitalized with gastroenteritis. African Journal of Microbiology Research Vol. 6(19), pp. 4102-4106, 23 May, 2012
4. Hepatitis E Virus Seroprevalence among Blood Donors in Bushehr, South of Iran. Hepat Mon. 2015 November; 15(11)
5. Isolation of keratinophilic fungi from soil in Isfahan province, Iran. Journal de Mycologie Médicale (2012) 22, 8–13
6. : Knockdown of microRNA-29a Changes the Expression of Heat Shock Proteins in Breast Carcinoma MCF-7 Cells. *Oncology Research*, Vol. 23, pp. 69–78. 2016
7. Seroepidemiological study of toxoplasmosis in childbearing age women in Bushehr City, south west of Iran in 2009. African Journal of Biotechnology Vol. 9(36), pp. 5809-5812, 6 September, 2010
8. Seroprevalence of toxoplasmosis in high school girls in Bushehr city, South-west of Iran, 2009. African Journal of Microbiology Research Vol. 4 (11) pp. 1117-1121, 4 June, 2010
9. Knockdown of microRNA-29a regulates the expression of apoptosis-related genes in MCF-7 breast carcinoma cells. MOLECULAR AND CLINICAL ONCOLOGY 8: 362-369, 2018
10. Air- and Dust-Borne Fungi in Indoor and Outdoor Home of Allergic Patients in a Dust-Storm-Affected Area. Immunological Investigations
11. Biodiesel production by Base-catalyzed trans-esterification of sunflower and date seed oils using methanol: Optimization of parameters. Journal of Chemical and Pharmaceutical Research, 7(4):1187-1193. 2015
12. Producing ethanol from D-xylose sugar through *Candida albicans*: The impacts of temperature, sugar content and PH. Gazz Med Ital - Arch Sci Med-3877
13. Pb (II) and Cd (II) removal from aqueous solution, shipyard wastewater, and landfill leachate by modified *Rhizopus oryzae* biomass. Materials Research. 2018
14. Detection of *Acinetobacter* spp. in Blood Cultures by an Improved Fluorescent in *Situ* Hybridization Assay. Polish Journal of Microbiology, Vol. 67, No 1, 3–10. 2018
15. Identification of *Stenotrophomonas maltophilia* in Blood Cultures by Fluorescence in *Situ* Hybridization . Infectious Diseases in Clinical Practice .Volume 29, Number 6, November 2021.
16. Biosorption of fluoride from aqueous solutions by *Rhizopus oryzae*: Isotherm and kinetic evaluation. Environ Prog Sustainable Energy. 2021; e13725, 2021.
17. Phenotypic features and molecular study of airborne *Penicillium* species isolated in the northern part of the Persian Gulf, Bushehr, Iran. Curr Med Mycol, 7(2): 22-28, 2021.

18. Genetic variation and up-regulation of IL-12 enhance susceptibility to recurrent vulvovaginal candidiasis. *Gene Reports* 26 (2022) 101463, 2022.
19. Effect of resistance training and garlic extract in insulin sensitivity/resistance and biochemical parameters in diabetic rats. *Comparative exercise physiology*, 18(2), 163-170, 2022.
20. Phenotypic and genotypic investigation of metallo-beta-lactamases in *Pseudomonas aeruginosa* clinical isolates in Bushehr, Iran. *Iranian Journal of Basic Medical Sciences*, 25(10):1196-1200, 2022.

### Submitted and under review articles:

- 1- Screening *Candida auris* through a multiplex stepwise PCR algorithm from direct clinical samples of patients suspected to otomycosis in South of Iran; Detection of 5 cases. *Mycoses*, Revised manuscript, 2023
- 2- Quantitative Gene Expression of TGF- $\beta$  in Recurrent Vulvovaginal Candidiasis (RVVC) Patients and Normal Population. *Jundishapur Journal of Microbiology*, Under review article, 2023
- 3- Study of Serum ANGPTL8 and Expression of FNDC5, GLUT4 and YBX2 Genes in Diabetic Male Rats after Effect of Resistance Training and Aqueous Garlic Extract. *Annals of Applied Sport Science*, Submitted article, 2023
- 4- An autochthonous susceptible *Candida auris* clade I otomycosis case in Iran. *Journal of Fungi*, Submitted article, 2023
- 5- Investigation of *gyrA* and *parC* mutations and the prevalence of plasmid-mediated quinolone resistance genes in *Klebsiella pneumoniae* clinical isolates from Iran. *Microbial Drug Resistance*, Submitted article, 2023

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### Papers Presented in congress:

- Z INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES. Bangkok Thailand, June 13 – 16 2012(Poster: Evaluation of in vitro anti-leishmanial activities of curcumin and its derivatives gallium curcumin, indium curcumin and diacetyl curcumin).
- Z The 12<sup>th</sup> International Congress of Clinical Microbiology. Kerman Iran, Oct 16 – 18 2018(Poster: Molecular Identification of species cutaneous leishmaniasis in southern zone of Iran).
- Z The 2<sup>nd</sup> International and 14<sup>th</sup> Iranian Genetics Congress. Tehran Iran, May 21 – 23 2016(poster No association of ghrelin gene and ghrelin receptor gene polymorphisms with Alzheimer's disease).
- Z The 8<sup>th</sup> Trends in Medical Mycology. Belgrade Serbia, Oct 6 - 9 2017(Poster: Identification of *Candida* Species among Patients with Recurrent vulvovaginal candidiasis by PCR-RFLP amplification of HWP1 gene)
- Z Stem Cells and Gene Therapy. Florence Italy, Oct 18 – 21 2016(Poster: MiR-29a inhibitory effect on estrogen receptor alpha in breast cancer).
- Z The 11<sup>th</sup> Professor Alborzi International Congress of Clinical Microbiology. Shiraz Iran, Nov 21 – 23 2017(Poster: Epidemiology of minor species *Candida africana* among Patients with Recurrent vulvovaginal candidiasis in Bushehr, Iran).
- Z The 2<sup>nd</sup> and 4<sup>th</sup> International and Iranian Congress in Medical Mycology. Shiraz Iran, Nov 2015(Poster: Identification and levels of air borne fungi present in indoor dust in Bushehr city, Iran).

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## Language Skills:

- ❖ Persian: Native
- ❖ English: Upper Intermediate

## سوابق اجرایی:

- مدیر گروه علوم آزمایشگاهی
- سرپرست کمیته تحقیقات دانشجویی دانشگاه
- رییس اداره امور هیات علمی دانشگاه
- مدیر آموزش دانشگاه
- مدیر پژوهشی دانشگاه
- عضو کمیته اخلاق در پژوهش دانشگاه
- عضو کمیته تخصصی هیات ممیزه دانشگاه