

# Resume

## A/ Professor Farhad Niknejad

### 1. Personal Information

- **Name:** Farhad Niknejad
- **Birth date:** 24/05/1969
- **Nationality:** Iranian
- **Gender:** Male
- **Passport No.** L53355030
- **Phone:** +98-9112758801
- **E-mail address:** [fniknezhad@yahoo.com](mailto:fniknezhad@yahoo.com)

### 2. Summary:

I am an **Associate Professor of Medical Mycology** at Golestan University of Medical Sciences (GOUMS) where I have joined in 1996. I have graduated from Tehran University of Medical Science in 2012, which is the top-ranked university in Iran. I have received my fellowship in clinical laboratory sciences in 2020 at Iran University of medical sciences. I have been involved in both academia and clinical laboratory setting over the last 15 years with several honors, awards and publication. I was the Director of Dezyani Clinic of GOUMS from 2016 to 2022. I was also the Dean of Paramedicine Faculty GOUMS from 2018-2022, Head of the Department of Medical Parasitology and Mycology at GOUMS from 2021 to 2022, Head of Medical Laboratory Department GOUMS from 2013 to 2017. I have been a co- Editor of Medical Laboratory Journal (MLJ) since 2013 as well.

### 3. Education

- **2018– 2020** Completion of **Specialized Complementary Studies** in Clinical Laboratory (Clinical Laboratory Fellowship), Iran University of Medical Sciences, Tehran, Iran (**GPA: 18.52 / 20** )

- **2006-2012**  
**Ph.D., Medical Mycology**, Tehran University of Medical Sciences, Tehran, Iran (**GPA: 17.97 / 20**)  
  
**Thesis:** Investigation of *Candida parapsilosis* activity on the growth of clinical isolates of aflatoxigenic and non- aflatoxigenic *Aspergillus flavus* and identification of active components. (**19.90 from 20**)
- **1999-2001**  
**(MSPH) Master Medical Mycology**, Tehran University of Medical Sciences, Tehran, Iran (**GPA: 18.20 / 20**)  
  
**Thesis:** Antifungal activity of *Humulus lupulus* on a group of Dermatophyte and Saprophyte fungi. (**19.75 from 20**)
- **1997-1999**  
**Bachelor of Sciences (BS) in Medical Laboratory Technologist**, Mazandaran University of Medical Sciences, Iran (**GPA: 17.98 / 20**)

#### **4. Achievement & Awards:**

- 2014-** The Best Paramedicine Professor at the Faculty level, GOUMS
- 2006-** Established Medical Mycology Lab, Paramedicine faculty, GOUMS
- 2006-** Established Microbial Quality Control Lab, Giah Essence Phytopharm Co, Gorgan, Iran
- 2006-** The Best Researcher of Golestan University of Medical Sciences.
- 2006-** First-ranked student in Medical Mycology, Ph.D. examination.
- 2004-** The Best Medical Laboratory Professor, Azad University, Gorgan brunch.
- 1999-** First-ranked student in Medical Mycology, MSPH examination.
- 1997-** First best student in BS degree in medical laboratory technologist course.

#### **5. Clinical Experience**

- **Date:** Aug 2022- Present
- **Employer:** - Zagros Clinical Laboratory, Ramhormoz, Iran
- **Position:** Director
- **Duties:** Supervision and confirms laboratory results

- **Date:** August 2022- Present
- **Employer:** Fadak Clinical Laboratory Clinic, Ramhormoz, Iran
- **Position:** Director
- **Duties:** Supervision and confirms laboratory results
  
- **Date:** Feb 2016- Aug 2022  
**Employer:** Golestan University of Medical Sciences, Iran.  
**Position:** Director of Dezyani Clinical Laboratory, Gorgan, Iran.  
**Duties:** Heading the Laboratory and teaching laboratory courses.
  
- **Date:** 1996-2007
- **Employer:** Golestan University of Medical Sciences, Iran.
- **Position:** Lab Experts, Reference Laboratory, Deputy of Health
- **Duties:** Supervising Laboratory and Quality control of microbial samples, Holding training workshops.

## **6. Academic Experience**

- **Date:** April 2017- Aug 2022
- **Employer:** Golestan University of Medical Sciences, Iran.
- **Position:** Associate Professor, Faculty Member of Para Medicine School
- **Duties:** Teaching, research, and supervision
  
- **Date:** Feb 2012- April 2017
- **Employer:** Golestan University of Medical Sciences, Iran.
- **Position:** Assistant Professor, Faculty Member of Para Medicine School
- **Duties:** Teaching, research and supervision

## **7. Publications: (Citations: 797, h-index: 15)**

(GOOGLE SCHOLAR LINK:

[https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&user=vTsdnVUAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&user=vTsdnVUAAAAJ))

### **7.1 Books:**

*Medical Mycology for Nursery & Paramedical student.* (With Farhad Niknejad and Roshanak Daie). Tehran. Andishe Rafi. 2013 (104 pp)

*The highlights of Medical Microbiology selected from Henry's Clinical Diagnosis and Management by Laboratory Methods.* (With Maruvat Taheri Kalani, Farhad Niknejad, Mehdi Rajab Nia) Tehran. Venus. 2020 (168 pp)

## **7.2 Journal Papers:**

Effects of kefir on liver function tests and histopathological changes in rats exposed to aflatoxin B1. SA Sajjadi, Z Moosavi, **F Niknejad**, A Jamshidi.

*Medical Laboratory Journal*. Vol 17, No 4, pp. 17-19. 2023

URL: <http://mlj.goums.ac.ir/article-1-1559-en.html>

First report of tinea corporis caused by *Trichophyton quinckeanum* in Iran and its antifungal susceptibility profile. SR Aghili, R Alehashemi, M Abastabar, **F Niknejad**,

I Haghani, F Livani, et al

*Current Medical Mycology*. Vol 8, No 4, pp. 36-40. 2022

DOI: 10.32598/CMM.2023.1344

The relation between serum levels of interleukin 10 and interferon-gamma with oral candidiasis in type 2 diabetes mellitus patients. A Halimi, N Mortazavi, A Memarian, M Zahedi, **F Niknejad**, A Sohrabi,

*BMC Endocrine Disorders*. Vol 22, No 1, 296. 2022

<https://doi.org/10.1186/s12902-022-01217-x>

P443 Altered expression of fungal CotH, human glucose-regulated protein 78 (GRP78), and predicted miRNAs in macrophages and model diabetic mice infected with *Rhizopus oryzae*. T Shokohi, Z Seifi, M Shafie, J Mowla, **F Niknejad**, M Abastabar, et al

*Medical Mycology*. 60 (S1), pp. 261. 2022

Detoxification of AFB1 by Yeasts Isolates from Kefir and Traditional Kefir-Like Products. A Eiri, **F Niknejad**, A Ardebili.

*Medical Laboratory Journal*. Vol 16, No 4, pp. 20-25. 2022

URL: <http://mlj.goums.ac.ir/article-1-1440-en.html>

Bioremediation for the Decolorization of Textile Dyes by Bacterial Strains Isolated from Dyeing Wastewater. F Firoozeh, YD Shahamat, S Rodríguez-Couto, E Kouhsari, **F Niknejad**

*Jordan Journal of Biological Sciences*. Vol 15, No 2, pp. 219-225. 2022

<https://doi.org/10.54319/jjbs/150209>

Diversity of Geophilic Dermatophytes Species in the Soils of Iran; The Significant Preponderance of *Nannizzia fulva*. S Taghipour, M Abastabar, F Piri, E Aboualigalehdari, MR Jabbari, **F Niknejad**

*Journal of Fungi*. Vol 7, No 5, 345. 2021

<https://doi.org/10.3390/jof7050345>

Biomonitoring of Multiple Mycotoxins in Urine by GC-MS/MS: A Pilot Study on Patients with Esophageal Cancer in Golestan Province, Northeastern Iran.

**F Niknejad**, L Escrivá, KB Adel Rad, M Khoshnia, FJ Barba, H Berrada

*Toxins*. Vol 13, No 4, 243. 2021

<https://doi.org/10.3390/toxins13040243>

Screening for Azole Resistance among *Aspergillus* spp isolated from Soil of Hospitals and a University Campus in Gorgan, Iran. Z Mirshekar, N Behnampour, A Amini, G Alizad, **F Niknejad**.

*Medical Laboratory Journal*. Vol 14, No 4, pp. 27-30. 2020

URL: <http://mlj.goums.ac.ir/article-1-1254-en.html>

Photocatalytic inactivation of microorganisms in water under ultraviolet C irradiation and TiO<sub>2</sub>. F Taheri, A Amini, E Kouhsari, MR Kiaei, R Movaseghi, **F Niknejad**

*Reviews in Medical Microbiology*. Vol 31, No 2, pp. 79-85. 2020

<http://dx.doi.org/10.1097/MRM.0000000000000192>

Antimicrobial resistance, prevalence of resistance genes, and molecular characterization in intestinal *Bacteroides fragilis* group isolates.

Ebrahim Kouhsari, Nima Mohammadzadeh, Mohammad Ghasem Kashanizadeh, **Farhad Niknejad**, et al

*Apmis*. Vol 127, No 6, pp. 454-461. 2019

DOI 10.1111/apm.12943

Zinc Oxide Nanoparticles Inhibition of Initial Adhesion and ALS1 and ALS3 Gene Expression in *Candida albicans* Strains from Urinary Tract Infections

SS Hosseini, E Ghaemi, A Noroozi, **F Niknejad**.

*Mycopathologia*. Vol 184, No 2, pp. 261-271. 2019

<https://doi.org/10.1007/s11046-019-00327-w>

Investigation of the relationship between different *Candida* species and some risk factors affecting the incidence of Vulvovaginal Candidiasis. SS Hosseini, E Ghaemi, **F Niknejad**, H Joshaghani, M Rabiee, F Azadi.

*The Iranian Journal of Obstetrics, Gynecology and Infertility*. Vol 22, No 7, pp. 13-22. 2019

DOI 10.22038/IJOGI.2019.13813

Quantification of aflatoxin B<sub>1</sub>, B<sub>2</sub>, G<sub>1</sub>, G<sub>2</sub> and detection of *aflR*, *aflJ* genes in *Aspergillus flavus* contaminated corn in poultry in Northeast of Iran.

OG Ghafi, M Safarad, M Moazeni, **F Niknejad**.

*Sydowia*. Vol 70, pp. 179-184. 2018

DOI 10.12905/0380.sydowia70-2018-0179

Mucormycosis in Iran: A six-year retrospective experience. S Dolatabadi, B Ahmadi, A Rezaei-Matehkolaei, H Zarrinfar, A Skiada, H Mirhendi, R Nashibi, **F Niknejad**, M Nazeri, A Rafiei, M Gharaghani, M Erami, S Taghipour, F Piri, K Makimura

*Journal de mycologie medicale*. Vol 28, No 2, pp. 269-273. 2018

<https://doi.org/10.1016/j.mycmed.2018.02.014>

Quantitative determination of aflatoxin by high performance liquid chromatography in wheat silos in Golestan province, north of Iran.

Mohadeseh Namjoo, Faezeh Salamat, Niloofar Rajabli, Reza Hajihossini, **Farhad Niknejad**, Faramarz Kohsar, Hamidreza Joshaghani

*Iranian journal of public health*. Vol 45, No 7, pp. 905-910. 2016

<https://ijph.tums.ac.ir/index.php/ijph/article/view/7323>

Evaluation of fumonisin and zearalenone levels in wheat of silages in Golestan Province, Northeastern Iran.

H Yazdi, HR Joshaghani, M Nejabat, M Mostakhdem, NB Hashemi, **F Niknejad**

*Biosci. Biotechnol. Res. Commun.* Vol 9, No 4, pp. 804-808. 2016

[bbrc.in/bbrc/2016oct-decHTML/BBRC10\\_033/BBRC10\\_033.html](http://bbrc.in/bbrc/2016oct-decHTML/BBRC10_033/BBRC10_033.html)

Ochratoxin A in Cow's Milk Collected from Cattle Farms of Golestan Province

STH Abad, H Joshaghani, M Nejabat, H Rahimzadeh, **F Niknejad**

*Medical Laboratory Journal.* Vol 10, No 1, pp. 13-16. 2016

URL: <http://mlj.goums.ac.ir/article-1-812-en.html>

Antifungal Activity and Aflatoxin Degradation of *Bifidobacterium Bifidum* and *Lactobacillus Fermentum* Against Toxigenic *Aspergillus Parasiticus*

R Daie Ghazvini, E Kouhsari, E Zibafar, SJ Hashemi, A Amini, **F Niknejad**

*The Open Microbiology Journal.* Vol 10, pp. 197-201. 2016

DOI: 10.2174/1874285801610010197

Green synthesis of silver nanoparticles: Advantages of the yeast *Saccharomyces cerevisiae* model. **Niknejad F**, Nabili M, Daie Ghazvini R, Moazeni M.

*Curr Med Mycol.* Vol 1, No 3, pp. 17-24. 2015

doi: 10.18869/acadpub.cmm.1.3.17.

Antioxidant and antifungal activity of Hops (*Humulus lupulus L.*) flower extract.

**Niknejad F**, Mohammadi M, Khomeiri M, Razavi SH, Alami M.

*Advances in Environmental Biolog.* Vol 8, No 24, pp. 395-401. 2014

[https://www.scopus.com/record/display.uri?eid=2-s2.0-](https://www.scopus.com/record/display.uri?eid=2-s2.0-85063726832&origin=inward&txGid=6c440309f7f8869607c158f9b2ca5bdf)

[85063726832&origin=inward&txGid=6c440309f7f8869607c158f9b2ca5bdf](https://www.scopus.com/record/display.uri?eid=2-s2.0-85063726832&origin=inward&txGid=6c440309f7f8869607c158f9b2ca5bdf)

Antifungal Activity of Kiwi Alcoholic Extract on Saprophytes and Dermatophytes Fungi.

Gharanjic, NJ. Gerey, Z. Arekhi, N. Seyedghasemi, Z. Abbasinejad, H. Gheleshli,

S. Nademi, **F. Niknejad.**

*J Rafsanjan Univ Med Sci.* Vol 14, No 2, pp. 151-60. 2014

<http://journal.rums.ac.ir/article-1-2426-fa.html>

Prevalence of Onychomycosis in Type 2 Diabetes Mellitus. .Hezarkhani S, Niknejad F, Shahini N.

*Medical Laboratory Journal.* Vol 8, No 3, pp. 68-73. 2014

URL: <http://mlj.goums.ac.ir/article-1-513-en.htm>

Antibacterial effect of Butylated Hydroxy Anisole (BHA) on *Salmonella typhimurium* and *Listeria monocytogens* in culture media and Iranian White Cheese.

*Journal of Food Microbiology.* Vol 1, No 1, pp. 23-29. 2014

[https://jfm.shahrekord.iau.ir/article\\_641635.html?lang=en](https://jfm.shahrekord.iau.ir/article_641635.html?lang=en)

A survey of keratinophilic fungi isolated from city park soils of Gorgan, Iran.

Esmat Malek, Mahnaz Moosazadeh, Parastoo Hanafi, Ziba Abbasi Nejat, Abolfazl Amini,

Rasool Mohammadi, Faramarz Kohsar, **Farhad Niknejad.**

*Jundishapur Journal of Microbiology*. Vol 6, No 10, pp. e11250. 2013  
<https://doi.org/10.5812/jjm.11250>

Mycoflora of fungal contamination in wheat storage (silos) in Golestan province, North of Iran.

Joshaghani H, Namjoo M, Rostami M, Kohsar K, **Niknejad F**.  
*Jundishapur Journal of Microbiology*. Vol 6, No 4, pp. e6334. 2013  
<https://doi.org/10.5812/jjm.6334>

Halotolerant Ability and  $\alpha$ -Amylase Activity of Some Saltwater Fungal Isolates.

**Farhad Niknejad**, Mahsa Moshfegh, Mohammad Javad Najafzadeh, Jos Houbraken, Shahla Rezaei, Gholamreza Zarrini, Mohammad Ali Faramarzi, and Nastaran Nafissi-Varcheh.  
*Iranian Journal of Pharmaceutical Research*. Vol 12 (sup), pp. 113-119. 2013  
DOI: <https://doi.org/10.22037/ijpr.2013.1278>

The Prevalence of Intestinal Worms and Amebiasis in Gorgan (2005-2011).

Koohsar F, Amini A, Ayatollahi A, Niknejad F, Abbasi Nejat Z. The Prevalence of Intestinal Worms and Amebiasis in Gorgan (2005-2011).  
*Medical Laboratory Journal*. Vol 7, No 3, pp. 54-60. 2013  
URL: <http://mlj.goums.ac.ir/article-1-336-en.html>

*Candida parapsilosis* as a potent biocontrol agent against growth and aflatoxin production by *Aspergillus* species. **Niknejad F**, Zaini F, Faramarzi MA, Amini A, Kordbacheh P, Mahmoudi M, Safara M.

*Iranian J Publ Health*. Vol 41, No 10, pp. 72-80. 2012  
<https://ijph.tums.ac.ir/index.php/ijph/article/view/2504>

Synthetic dye decolorization by three sources of fungal laccase. Forootanfar H, Moezzi M, Aghaie-Khouzani M, Janlou Y, Ameri A, **Niknejad F**, Faramarzi MA.

*Iranian Journal of Environmental Health Science & Engineering*. Vol 9, No 27, pp. 1-10. 2012  
<https://link.springer.com/article/10.1186/1735-2746-9-27>

In vitro effect of proxy acetic acid compounds (Percidine) on a group of fungi.

**Niknejad F**, Morady M.S, Keshtkar A.A, Joshaghani H.R, Mardani A, Moazeni M.  
*Microbiology Journal*. Vol 1, No 1, pp. 40-45. 2011  
URL: <https://scialert.net/abstract/?doi=mj.2011.40.45>

People awareness of hypertension in Golestan province, North of Iran (2006).

Veghari GhR, Joshaghani HR, Hoseini SA, Sedaghat SM, Niknezhad F, Angizeh AH, Tazik E, Moharloei P, Salehi A.  
*Journal of Gorgan University of Medical Sciences*. Vol 13, No 2, pp. 68-78. 2011  
URL: <http://goums.ac.ir/journal/article-1-1068-en.html>

Association between socio-demographic factors and diabetes mellitus in the north of Iran: A population-based study.

G Veghari, M Sedaghat, H Joshaghani, SA Hoseini, F Niknezhad, et al  
*International Journal of Diabetes Mellitus*. Vol 2, No 3, pp. 154-157. 2010

<https://doi.org/10.1016/j.ijdm.2010.09.001>

Assessment of diabetes mellitus type II and some related factors among adult people aged 25-65 years old in Golestan Province, Iran.

G Vaghari, SM Sedaghat, HR Joshaghani, SA Hosseini, F Niknejad,

*Journal of Research Development in Nursing and Midwifery*. Vol 7, No 1, pp. 10-19. 2010

<https://nmj.goums.ac.ir/article-1-3-en.html>

The Study of prevalence of Hypercholesterolemia and some relative factors in Golestan province. Veghari G, Joshaghani H, Hoseini S, Sedaghat S, Nik Nezhad F, Angizeh A, et al. *Payavard*. Vol 3, No 3, pp.10-24. 2010

URL: <http://payavard.tums.ac.ir/article-1-109-fa.html>

The Prevalence and Associated Factors of Central obesity in Northern Iran.

G Veghari, M Sedaghat, H Joshaghani, A Hoseini, F Niknejad, A Angizeh, E Tazik, P Moharloeii.

*Iranian Cardiovascular Research Journal*. Vol 4, No 4, pp. 164-168. 2010

<https://brieflands.com/articles/ircrj-60795>

The prevalence of obesity and its related risk factor in the North of Iran in 2006.

Veghari GR, Sedaghat M, Joshaghani HR, Hoseini A, Niknezhad F, Angizeh AH, Tazik E, Moharloeii P.

*Journal of Research in Health Sciences*. Vol 10, No 2, pp. 116-121. 2010

<https://jrhs.umsha.ac.ir/Article/231>

Seroprevalence of Hepatitis B Virus Surface Antigen (HBsAg) in Addict Prisoners of Central Prison of Qom Province during 2004-2005. Mardani A, Shahsavarani M, Zibafar MS,

Mardani H, Gonlouei SH, Rahchamandi Z, Niknejad F.

*Iranian Journal of Infectious Diseases and Tropical Medicine*. Vol 14, No 46, pp. 4-9. 2009

<https://www.sid.ir/paper/356881/en>

Diagnostic value of serum Adenosine deaminase and its isoenzymes in the diagnosis of pulmonary tuberculosis.

HR Joshaghani, EO Ghaemi, F Niknejad, H Tavalani

*Journal of Gorgan University of Medical Sciences*. Vol 9, No 4, pp. 41-46. 2008

URL: <http://goums.ac.ir/journal/article-1-318-en.html>

Antibiotic Sensitivity of the *Vibrio cholera* isolated from rectal swab of Golestan' patients. (Summer 2005)

F Niknezhad, MJ Kabir, A Keshtkar, B Hazrati, N Kurdjazi, I Rezayyan, et al

*Medical Laboratory Journal*. Vol 1, No 2, pp. 32-36. 2007

URL: <http://mlj.goums.ac.ir/article-1-66-en.html>

The Prevalence of Thalassemia Minor in The Aliabad Katool

F Niknezhad, K Kalavi, M Mofidi, A Sarikhani

*Medical Laboratory Journal*. Vol 1, No 1, pp. 53-57. 2007



URL: <http://mlj.goums.ac.ir/article-1-73-en.html>

### **7.3 Conferences:**

2021- Quality control in medical mycology laboratory. 4<sup>th</sup> Hircania Medical Laboratory Congress, **Gorgan, Iran**

2018- Mycotoxin and heart disease, 1<sup>th</sup> Hircania Medical Laboratory Congress, Mycotoxin and Heart Diseases, **Gorgan, Iran**

2018- Keynote speaker, 5<sup>th</sup> Congress, Iranian Society of Medical Mycology (ICMM), **Tehran, Iran**

2016- Human biomonitoring of multiple mycotoxins in Golestan Province, Northeastern Iran with GCMS/MS. EUROTOX 2016. **Valencia, Spain**

2012- Evaluation of the ability of yeast *Saccharomyces cerevisiae* to biosynthesis of silver nanoparticles. ISHAM congress. 2012, **Berlin, Germany**

2011- Evaluation of the potential of the yeast *Candida parapsilosis* sp. As a biocontrol agent against *Aspergillus* spp. and aflatoxin production. Power of fungi and mycotoxins in Health and disease. **Primošten, Croatia**

2010- Strategies to Prevent Mycotoxin Contamination of Food and Feed Animals. 7<sup>th</sup> National and 2<sup>nd</sup> Regional Congress of Parasitology and Parasitic Diseases in Iran, **Tehran, Iran.**

2010- Survey of fungal contamination in wheat storage (silo) in Golestan Province, North of Iran ICOPA XII, **Melbourne, Australia.**

2009- Antifungal activity of Proxy Acetic Acid (PAA) compounds on a group of fungi (Dermatophyte, Saprophyte) with In vitro method. ISHAM congress. **Tokyo, Japan.**

2008- New phenotypic method for the discrimination between *C. albicans* and

*C. dubliniensis*. International congress of Parasitology & Mycology. **Karaj, Iran.**

#### **8. Publications: In Progress**

- Determination of AFB1 detoxification by *Lactobacilli* isolated from kefir in milk and immunopotentiating activity in wistar rat.
- Feasibility study of using various types of microorganisms for assessing microbial growth in drinking water distribution systems. YD Shahamat, F Niknejad, R Aali, A Morovvati, M Shahini, F Emadi, et al  
Research Square, 14 Jun 2022  
<https://doi.org/10.21203/rs.3.rs-1710242/v1>

#### **9. Reviewer:**

- Medical Laboratory Journal, No: 20
- Mazandaran University of Medical Sciences Invasive Fungal Disease research center, Proposal No:8
- Food Science and Nutrition Journal, No: 2
- Mycoses Journal, No: 1
- Journal of pharmaceutical research international, No: 1

#### **10. Memberships:**

2020-2022, Medical Mycology assessment board committee, Iranian Ministry of Health and Medical Education

2020- present, Iranian Association of Clinical Pathologists (IACP)

2010- present, Iranian Society of Medical Mycology (ISMM)

#### **11. Certificates**

- 2th International congress on Quality Improvement in Clinical Laboratory, Tehran, Iran
- Head of Referral Golestan Health Laboratory
- VII Microbiology Congress, Semnan, Iran
- Presentation new HbA1c, and HbA2 kits, Tehran, Iran
- Standardizing method and management laboratory, Tehran, Iran
- Training Leprosy workshop, Gorgan, Iran
- Word Standard on vacutainer blood sampling, Tehran, Iran
- Laboratory health care system for Influenza disease, Tabriz, Iran
- Management health programs, Gorgan, Iran
- Learning WHONET.5 software for microbiology laboratory unit, Tehran, Iran
- Workshop for learning Urea Broth Test (U B T) methods, Tehran, Iran
- Laboratory diagnosis Thalassemia and Hemoglobinopathy, Tehran, Iran
- Quality enhancement Thalassemia laboratory, Gorgan, Iran
- Educational program for infectious disease (as a speaker), Gorgan, Iran

- Management clinical laboratory samples in Laboratory Networks, Tehran, Iran
- Screening Newborn Hypothyroidy workshop, Shiraz, Iran
- Analysis Quality Control Laboratory results, Gilan, Iran
- Zoonosis disease, Avian Flu, Gorgan, Iran
- Training workshop, Vibrio cholerae, Gorgan, Iran
- Quality Assurance in Medical Mycology for Laboratory supervision (speaker), Gorgan, Iran
- Quality Control in Medical Mycology for Laboratory Technologists (speaker), Gorgan, Iran

## **12. Skills**

Quality Control in laboratory, Detection and identification fungi, HPLC, GC-Mass,

## **13. Research Interests**

Mycotoxin detoxification, Mycotoxin Biodegradation, Mycotoxin analysis, Clinical Laboratory, Clinical Mycology, Clinical Microbiology

## **14. References**

- **Dr Mohammad Ali Faramarzi**, Full Professor at Tehran University of Medical Sciences, Department of Pharmaceutical Biotechnology, Tehran, Iran.  
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- **Dr Mohsen Amini**, Full Professor at Tehran University of Medical Sciences, Department of Medicinal Chemistry, Tehran, Iran.  
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**Email:** [moamini@tums.ac.ir](mailto:moamini@tums.ac.ir)
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**Email:** [rdaie@tums.ac.ir](mailto:rdaie@tums.ac.ir)  
**Email:** [roshanak1043@yahoo.com](mailto:roshanak1043@yahoo.com)
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