

Hossein Moallaei



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**ADDRESS**

Department of Medical Microbiology, Faculty of Medicine, Sabzevar University of Medical Sciences, Sabzevar, Khorasane Razavi, Iran.

**DATE OF BIRTH**

30.Aug.1964

**MARITAL STATUS**

Married

**EDUCATION**

PhD of Medical Mycology, Department of Medical Mycology, 2000-2004  
Faculty of Hygiene, Tehran University of Medical Sciences,  
Tehran.

M.Sc. in Medical Mycology, Department of Medical 1991-1994  
Mycology, Faculty of Medicine, Tarbiat Modaress  
University, Tehran.

B.Sc. in Zoology Sciences, Department of Biology, Faculty of 1984-1988  
Sciences, Ferdowsi University. Mashhad.

**PhD Thesis Title**

The Study and DNA Typing of Keratinase in Isolated *Microporum gypseum* from Patient and Soil, Also Keratinophilic Fungi in Forest – Farmer Localities of Iran

<b>M.Sc. Thesis Title</b>	The Study of Soil Fungi in Caves of Ghochan, Khorasane Razavi, Iran		
<b>MOST IMPORTANT POST HELD</b>	Faculty Member; Associated Professor of Medical Mycology, Medical Microbiology Department, Faculty of Medicine, Sabzevar University of Medical Sciences, Sabzevar,	2014-	continued
	Chief of Medical Microbiology Department, Faculty of Medicine, Sabzevar University of Medical Sciences, Sabzevar	2011-	2013
	Faculty Member; Assistant Professor of Medical Mycology, Medical Microbiology Department, Faculty of Medicine, Sabzevar University of Medical Sciences, Sabzevar.	2004-	2014
	Faculty Member; Instructor of Medical Mycology, Medical Microbiology Department, Faculty of Medicine, Sabzevar University of Medical Sciences, Sabzevar,	2004-	2014
	Faculty Member; Instructor of Medical Mycology and Chief of Reference Medical Mycology Lab, Faculty of Para-Medicine, Zahedan University of Medical Sciences, Zahedan	2002-	2004
<b>RESEARCH ACTIVITIES</b>	The Study and Identification of Microbial Agents of Breast Thrush in Feeding Women Referring to Treatment-Hygiene Centers of Sabzevar in 2015	In Progress	
	The Molecular Epidemiology of Mallasezia Species on Sabzevar Universities Students.	Research Completed	Project

The Survey and Identification of The Different Isolates of <i>Candida</i> SP Isolated from Women who Referred to Mobini Hospital Using API Kits and RFLP_PCR.	Research Completed	Project
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The Survey of Etiologic Agents Vaginal Infections and Comparing with Clinical Signs in Women who Referred to Mobini Hospital	Research Completed	Project
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The Identification of Fungi in Air of Sabzevar	Research Completed	Project
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The Identification of Dermatophytes on Students of Schools in Sabzevar	Research Completed	Project
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The Seroepidemiology of Toxoplasmosis in Pregnant Women Referring to Treatment-Hygiene Centers in Sabzevar	Research Completed	Project
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The Identification of Dermatophytes on Patients Referring to Medical Mycology Reference Lab in Zahedan	Research Completed	Project
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**CONFERENCE PARTICIPATION**

2<sup>nd</sup> National Iranian Congress of Parasitic Diseases, Tehran, Oct. 1997 **Moallaei H. Asgari**, The survey of soil fungi on the soil samples of caves in Ghochan, Iran.

3<sup>rd</sup> National Iranian Congress of Medical Parasitology, Sari, March 2001 **Moallaei H**  
The prevalence of Dermatophytosis on the children of primary schools of Sabzvar,  
Iran from 1998-1999.

8<sup>th</sup> Iranian congress on infectious disease and tropical medicine 14-18 Jan 2000  
**Moallaei H**, The Seroepidemiology of Toxoplasmosis in pregnant women who  
referred to the reference Laboratory of the Sabzevar School of Medical  
Sciences from 1997 to 1998. Asrar Journal of Sabzevar School of Medical Sciences

8<sup>th</sup> Iranian congress of Biochemistry & Molecular Biology 11-15 September 2005  
**Moallaei H**, Zaini, F; Larcher G; Beucher, B; Bouchara, JP. To introduce the method  
that could be purified proteinase from some Dermatophytes.

2<sup>nd</sup> trend in Medical Mycology Berlin 2005, **Moallaei, Larcher G, Bouchara J.P**  
**and. Zaini F** A37kDa serin proteinase from *Trichophyton vanbreuseghemii*

16<sup>th</sup> European Congress of Clinical Microbiology and Infectious Diseases (ECCMID)  
01.04.2006 - 04.04.2006 **Moallaei H**, Zeini F, Mahmoodi M, Hashemi J, Pit M.  
Isolation of Keratinophilic Fungi from ample soils of yards farms and forest in  
Khorasan and Golestan provinces of Iran

XII International Symposium of the Mycology Section Polish Dermatological  
Society MYCOLOGY 2006, Partial purification and characterization of a 28.7 kDa

extracellular proteinase from *Microsporium cookei* **Moallaei H.**, Zaini F., Bijan Farzami, Larcher G., Beucher B., Bouchara J.P.

3<sup>end</sup> trend in Medical Mycology 2007 Torino The enzymatic activity and molecular characterization of a secreted subtilisin-like protease in *Microsporium gypseum* and *Trichophyton vanbreuseghemii*. **Moallaei H.**, Zaini F, Rezaie S, Nourbakhsh F, and Larcher G.

3<sup>end</sup> trend in Medical Mycology 2007 Torino Isolation of Keratinophilic Fungi from Soil Samples of Forests and Farm Yards **Moallaei H.**, Zeini F, Mahmoodi M, Hashemi J, Pit M

1<sup>th</sup> Iranian Congress of Clinical Microbiology, Shiraz 2007 **Moallaei H.**, Zeini F, Mahmoodi M, Hashemi J, Pit M The Survey and Identification of Keratinophilic Fungi in Dry-farming Soil Samples from South and Razavi Khorasan Provinces in Iran

12<sup>th</sup> international congress on yeasts , Kyiv, ukraine Auguste 11-15 2008 **Moallaei H.**, Ravansallar H, Akaberri A. The survey and identification of etiologic agents in vulvovaginal Candidiasis in women attending Mobini hospital in Sabzevar, Islamic Republic of Iran in 2007 Journal of Sabzevar School of Medical Sciences

9<sup>th</sup> International Mycological Congress The Biology Of Fungi 1-6 Aug 2010 Edinburg UK **Moallaei H.**, Brando J, Rosadu J. Aug 2010 Species Distribution and Susceptibility

to Azoles and Polyenes of Vaginal Yeasts Isolated Women Attending Mobini Hospital  
in Sabzevar

#### **EDUCATIONAL PROCEDURE**

The Teaching to Students in the Natural Ecological Niche of Phlebotomous Species as a New Educational Method for Better Teaching and Understanding The Part of Control of the Vectors of Leishmaniasis.

The Teaching to Students in the Natural Ecological Niche of Anophel Species as a new Educational Method for Better Teaching and Understanding the art of Control of the Vectors of Mallaria .

## WORK EXPERIENCE

Zahedan University Of Medical Sciences,

April 1994 –Sep 1996

Lecturer

Medical Mycology 2 Credits, Medical Parasitology-Mycology  
4 Credits

Sabzevar University Of Medical Sciences

Sep 1996-continued

Lecturer

Medical Mycology 2 Credits, Medical Parasitology-Mycology  
4 Credits

Medical Microbiology 3 Credits, Pathobiology 2 Credits,  
Medical Entomology 2 Credits

Sabbatical periods

Oct 2004-April 2005

Identification of Soil Fungi, Purification of Keratinase From  
*Tricophyton Vanbreuseghemii* and *Microsporum Cookei*  
Supervised by Jean-Phillippe Bouchara , Gerald Larcher  
Centre Hospitalier Universitaire ,Angers, France.

Identification of Yeasts Using FTIR and Molecular Methods  
supervised by Laura Rosado and Joao Brando , National  
Institute of Health Dr. Ricardo Jorge, Mycology Laboratory,  
Lisbon, Portugal

July 2009 –Nov 2009

**HONURS**

The Best Researcher in Universities Of Sabzevar	2006
The premier Assistant Professor on Teaching	2008
The Best Researcher in Universities Of Sabzevar	2010



**SUBMITTED SEQUENCE IN NCBI**

JX844624.1  
JX844623.1  
JX844622.1  
JX844621.1  
JX844620.1  
JX844619.1  
JX844618.1  
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JX844595.1  
JX844594.1  
JX844593.1  
ABJ51910

ABJ51911

## **PUBLICATIONS**

1. Moallaei H, Namazi M. J, Fazaeli Yousefabad H and Zargarian M Journal of Scientific Research and Reports, ISSN: 2320–0227, Vol.: 5, Issue.: 6
2. Moallaei, H., et al. "Purification and characterization of a 33kDa extracellular proteinase from *Microsporum cookei*." *Journal de Mycologie Médicale/Journal of Medical Mycology* 21.4 (2011): 241-247.
3. Moallaei H, et al. "Comparison of enzymatic method rapid yeast plus system with RFLP-PCR for identification of isolated yeast from vulvovaginal candidiasis." *Iranian Journal of Basic Medical Sciences* 14.5 (2011): 443.

4. Moallaei, H., et al. "Study and Identification of Various Species of Candida in Candidiasis Vaginitis in Women Admitted to Mobini Hospital in Sabzevar." *Journal of Sabzevar University of Medical Sciences* 17 (2007): 54-62.
  
5. **Moallaei H**, Zaini F, Larcher G, Mahmoodi M. A comparative study of enzymatic activity of the soil keratinolytic fungi in different regions Iran. *Journal of Sabzevar School of Medical Sciences*, Volume 14, Number 4, winter 2008.
  
3. **Moallaei H**, Rezaie S, Nourbakhsh F, and Larcher G. The enzymatic activity and molecular characterization of a secreted subtilisin-like protease in *Microsporum gypseum* and *Trichophyton vanbreuseghemii*. *J Publ Health* ( In Press)
  
4. **Moallaei H**, Zeini F, Mahmoodi M, Hashemi J, Pit M. The Survey and Identification of Keratinophilic Fungi in Dry-farming Soil Samples from South and Razavi Khorasan Provinces in Iran. *Journal of Sabzevar School of Medical Sciences*, Volume 13, Number 2, Summer 2006.
  
5. **Moallaei H**, Zeini F, Mahmoodi M, Hashemi J, Pit M. Isolation of Keratinophilic Fungi from Soil Samples of Forests and Farm Yards. *Iranian J Publ Health*, Vol. 35, No. 4, 2006, pp.62-69
  
6. **Moallaei, H**; Zaini, F; Larcher G; Beucher, B; Buchara, JP. Partial Purification and Characterization of a 37 kDa Extracellular Proteinase from *Trichophyton*

*vanbreuseghemii* Mycopathologia, Volume 161, Number 6, June 2006 , pp. 369-375(7)

7. **Moallaei H.**, 2006. The Survey on kartinase in the clinical and soil strains of *Microsporum gypseum* and keratinophilic Fungi on the farm and forest soils of localities in Iran and DNA typing of them. PhD Thesis, Tehran University of Medical Sciences, Health Faculty.
8. **Moallaei H.**, 1994. The survey of soil fungi on the soil samples of caves in Ghochan, Iran. MSc Thessis Tarbiat Modarres University, Faculty of Medical Sciences, Tehran, Iran.
9. **Moallaei H**, 1996 .The prevalence of Dermatophytosis in patients who referred to the reference Laboratory of the Zahedan University of Medical science from 1984 to 1985. Asrar Journal of Sabzevar School of Medical Sciences,
10. **Moallaei H**, The prevalence of Dermatophytosis on children of primary schools referring to Laboratory of the Zahedan University of Medical science from 1984 to 1985. Asrar Journal of Sabzevar School of Medical Sciences
11. **Moallaei H**, Shirzad E. 1999. The Seroepidemiology of Toxoplasmosis in pregnant women who referred to the reference Laboratory of the Sabzevar School of Medical Sciences from 1997 to 1998. Asrar Journal of Sabzevar School of Medical Sciences,
12. **Moallaei H**, Behnam Vashani H. The prevalence of Dermatophytosis on the childrens of primary schools of Sabzvar, Iran from 1998-1999., Asrar Journal of Sabzevar School of Medical Sciences,

**HOBBY**

Swimming, Traveling and Fishing

**QUALIFICATION**

The Enough knowledge of Medical Mycology Including Basic Sciences, Identification, Culturing, Pathogenesis, Physiology and Immunology.

The Good Knowledge of Medical parasitology Including Basic Sciences, Identification, Culturing, Pathogenesis, Physiology and Immunology.

The Good Knowledge of Medical Entomology Including Basic Sciences, Identification, Culturing, Pathogenesis, Physiology and Immunology.

The Good Knowledge of Medical Bacteriology Including Basic Sciences, Identification, Culturing, Pathogenesis, Physiology and Immunology.

Expert in Cloning, DNA & RNA extractuion, Designing a SiRNA, Real Time PCR, ARMS PCR, RFLP , MSP PCR, Western Blot, Immonuhistochemistry, Flow Cytometry, Chip assay, Designing PCR Primers, Expert in Sequencher, BiQ, Primer 3, Nebcutter, GNCpro Expasy, reference manager Endnote, Allele ID, gene runner, methyle primer, Oligo 7 and SPSS Software

The Good Knowledge on English Language.

The Good Knowledge of Medical Bacteriology Including Basic Sciences, Identification, Culturing, Pathogenesis, Physiology and Immunology.

The Different Chromatography Methods.

Molecular Identification Methods of Fungi.

