

Curriculum Vitae

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Educational Records:

1995 -1999: BSc: Cellular & molecular Microbiology, Zanjan University of medical Science. Iran (Date of graduated 19 Sept 1999) 16.04 of 20

2000-2003: MSc: Medical Mycology. Mazandaran University of Medical Sciences - Iran (Date of graduated 7 Dec 2002) 16.75 of 20

2006-2010: PhD: Medical and Molecular Mycology. Amsterdam University, Fungal Biodiversity Centre and in CBS institute –Netherlands (Date of graduated 25th June 2010)



Publications:

Results: 94

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90. Vaezi A, Fakhim H, Javidnia J, Khodavaisy S, Abtahian Z, Vojoodi M, Nourbakhsh F, **Badali H***. Pesticide behavior in paddy fields and development of azole-resistant *Aspergillus fumigatus*: Should we be concerned? *J Mycol Med*. 2018 Feb 26. pii: S1156-5233(17)30282-2. doi: 10.1016/j.mycmed.2017.12.007. PMID: 29496370.

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- 84: Agha Kuchak Afshari S, Rahimi H, Hashemi SJ, Daie Ghazvini R, **Badali H**, Aghaei Gharehbolagh S, Rezaei S. Evaluation of PCR-reverse line blot hybridization assay for simultaneous identification of medically important saprophytic fungi. *J Mycol Med.* 2017 Oct 31. pii: S1156-5233(17)30244-5. doi: 10.1016/j.mycmed.2017.09.002. PMID: 29100947.
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Congress Presentations:

- 32) **Hamid Badali**, Jacques F Meis. In vitro susceptibility activities of eight antifungal drugs against clinical and environmental isolates of phaeoacremonium species. 6th Conference of Medical Microbiology (FEMS) June 7-11, 2015, Maastricht, the Netherlands
- 31) Sadegh Khodavaisy, **Hamid Badali**, Sasan Rezaie, Farzad Aala. Antifungal susceptibility of aspergillus flavus recovered from clinical and environmental specimens in Iran. 6th Conference of Medical Microbiology (FEMS) June 7-11, 2015, Maastricht, the Netherlands
- 30) Feng Peiying, Mohammad J. Najafzadeh, **Hamid Badali**, Sun Jiufeng, Xi Liyan, G. Sybren de Hoog (2015). Identification of common clinical black fungi using RCA technique. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 29) Mohammad T. Hedayati, Saham Ansari, Kamiar Zomorodian, Keyvan Pakshir, **Hamid Badali**, Seyedmojtaba Seyedmousavi, Abdollah Rafiei, Mostafa Ravandeh. Antifungal susceptibility testing of clinical dermatophyte isolates from Iran. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia

- 28) Mohammad H. Afsarian, **Hamid Badali**, Teun Boekhout, Tahereh Shokohi, Farzad Katiraei. Multilocus sequence typing of *Candida albicans* isolates from Burn Intensive Care Unit (BICU) in Iran. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 27) Sadegh Khodavaisy, Parvaneh Afshar, Mohammad Taghi Hedayati, **Hamid Badali**. First autochthonous co-infection of anthrax and *tinea barbae* in Iran. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 26) Sadegh Khodavaisy, **Hamid Badali**, Peyman Solimani, Samira Salari. Use of PCR-RFLP and PCR-HWP1 for identification of *Candida* species isolated from cystic fibrosis patients. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 25) **Hamid Badali**, Mojtaba Didehdar. First fatal cerebral phaeohyphomycosis due to *Rhinochrysiella mackenziei* in Iran, based on ITSrDNA. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 24) **Hamid Badali**, Melika Laal Kargar, G. Sybren de Hoog. Lack of *Exophiala dermatitidis* in sputum samples of Cystic fibrosis patients in Iran. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 23) Somayeh Sharifynia, **Hamid Badali**, Atefe Hadian, Shadi Shahrokhi, Sadegh Khodavaisy, Fatemeh Noorbakhsh, Ghazale Ghandchi, Sassan Rezaie. Molecular identification and antifungal susceptibility of *Candida dubliniensis* and *Candida africana* isolated from clinical specimens. Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 22) **Hamid Badali**, Akram Sadeh, Hamed Fakhim, G. Sybren de Hoog, High frequency of *Exophiala dermatitidis* and *E. xenobiotica* in railway stations in Iran (2015). Poster presentation at the 19th International Society of Human and Animal Mycology (ISHAM) Congress, 4th - 8th May 2015, Melbourne, Australia
- 21) **Badali H**, Mohseni S, Meis J.F, Klaassen C.H.W (2013). *Veronea botryosa*: molecular identification with amplified fragment length polymorphism and in vitro antifungal susceptibility (2014). Poster presenter at the 16th Trend in Medical Mycology, 11-14 October, Copenhagen, Denmark
- 20) **Badali H**, Mohseni S, Khodavaisy S, de Hoog GS (2013). Use of rolling circle amplification to rapidly identify species of *Cladophialophora* potentially causing human infection. Poster presenter at the 16th Trend in Medical Mycology, 11-14 October, Copenhagen, Denmark
- 19) **Badali H** (2013). *Rhinochrysiella mackenziei* infection: an emerging disease in Middle East. As a speaker at the workshop Black Yeasts and Chromoblastomycosis, 30 November – 1 December, Guangzhou, China.
- 18) **Badali H**, Klaassen C.H, Meis J.F, de Hoog G. S (2012). **In vitro antifungal susceptibility of eight drugs against *Exophiala dermatitidis*, a systemic opportunist.** Oral presenter at the

18th congress of international society for human and animal mycology 2012, June 10-15, Berlin-Germany

17 S. Hashemi, **H. Badali**, Bromand, Maryam Sotodeh Anvari, Imaan Haghani (2012). Co-infection endocarditis due to *Candida albicans* and *Candida tropicalis* in a drug abusers patient. Poster presenter at the 18th congress of international society for human and animal mycology 2012, June 10-15, Berlin-Germany

16) **H. Badali**, S. Fooladi, J. Chander, S. Mohseni, J. Meis, S.G. de Hoog (2012). Multiple subcutaneous cysts due to *Exophiala spinifera* in an immunocompetent patient. Poster presenter at the 18th congress of international society for human and animal mycology 2012, June 10-15, Berlin-Germany

15) **Badali H**, Prenafeta-Boldu F.X, Guarro J, Klaassen C.H, Meis J.F, de Hoog G. S (2011). *Cladophialophora psammophila*, a novel species of *Chaetothyriales* with a potential use in the bioremediation of volatile aromatic hydrocarbons. Poster presenter at the 5th Trends in Medical Mycology, Valencia, Spain, October 2-5, 2011

14) **Badali H**, de Hoog GS, Curfs-Breuker I, Klaassen CH, Meis JF. Use of AFLP analysis for identification of 29 neurotropic *Cladophialophora* isolates with *in vitro* activities of eight antifungal drugs. As a poster presenter at the 4th Trends in Medical Mycology, Athens, Greece, October 18-21, 2009

13) **Badali H**, Najafzadeh MJ, de Hoog GS, Curfs-Breuker I, Meis JF. Microdilution *in vitro* susceptibility of agents of chromoblastomycosis, *Fonsecaea pedrosoi* and *Fonsecaea monophora*, for 8 antifungal agents. As a poster presenter at the 4th Trends in Medical Mycology, Athens, Greece, October 18-21, 2009

12) **Badali H**, Najafzadeh MJ, Vanesbroeck M, Van den Enden E, Meis JF de Hoog GS. The clinically important black yeast, *Exophiala jeanselmei* and its *in vitro* susceptibility to antifungal agents. As a poster presenter at the 4th Trends in Medical Mycology, Athens, Greece, October 18-21, 2009

11) **Badali H**, de Hoog GS, Curfs-Breuker I, Meis JF. Antifungal activity of isavuconazole and comparators against chromoblastomycotic *Cladophialophora* spp. As a poster presenter at the 4th Trends in Medical Mycology, Athens, Greece, October 18-21, 2009

10) **Badali H**, De Hoog GS, Breuker-Curfs I, Andersen B, Meis JF. *In Vitro* Activities of Eight Antifungal Drugs against 70 Clinical and Environmental Isolates of *Alternaria* species. As a speaker at the 17th congress of international society for human and animal mycology 2009, May 25-29 Tokyo-Japan.

9) **Badali H**, De Hoog GS, Breuker-Curfs I, Heep M, Meis JF *In vitro* activities of conventional and new antifungal drugs against *Rhinoctadiella mackenziei* an agent of cerebral phaeohyphomycosis. As a speaker at the 17th congress of international society for human and animal mycology 2009, May 25-29 Tokyo-Japan.

- 8) Najafzadeh MJ, Gueidan C, **Badali H**, Van Den Ende AHG, De Hoog GS. Genetic diversity and species delimitation in the opportunistic genus *Fonsecaea*. 17th congress of international society for human and animal mycology 2009, May 25-29 Tokyo-Japan.
- 7) **Badali H**, Gueidan C, Gerrits van den ende AHG, De Hoog GS. *Cladophialophora* with an infectious potential occurring in soft drinks. International congress of mycology, IUMS 2008, August 5- 9 Istanbul-Turkey.
- 6) **Badali H**, De Hoog GS, Gerrits van den ende AHG, Najafzadeh MJ, Biodiversity of the genus *Cladophialophora*, agent of human infection, 3rd trend Medical Mycology congress 2007, October 27- 31 Torino-Italy.
- 5) Najafzadeh MJ, **Badali H**, Gerrits van den ende AHG, De Hoog GS. Multilocus Sequence Typing (MLST) of the pathogenic genus *Fonsecaea*. 3rd trend Medical Mycology congress 2007, October 27- 31 Torino-Italy.
- 4) **Badali H**, Vicente V, Attili- Angelis D, Kwiatkowski IB, Gerrits van den ende AHG, De Hoog GS, A new, opportunistic species of *Cladophialophora*. 12th Netherlands Society for Medical Mycology 2007, December.
- 3) **Badali H**, Nourian AA, Mohseni S, Haniloo A, Khodaverdi M, Hamzehei H, Airborne fungi isolated from Zanjan–Iran. 12th International Congress on Infection Disease, 2006, June Portugal-Lisbon
- 2) Hedayati MT, **Badali H**. Mycoflora of stored wheat in warehouses of Mazandaran Province, Iran. 13th VAM congress 2001, August 27-30, Kuala Lumpur-Malaysia.
- 1) Hedayati MT, **Badali H**, Vasheghani F, Aghili R, Mohammad pour RA. Immunoblotting analysis of sera from patients with acute and chronic candidal and noncandidal vaginitis for IgE and IgG antibodies to *Candida albicans*. 13th European congress of clinical microbiology and infectious diseases, 2003 May 10 -13, Glasgow-UK.

Results: 15

Scholarships, Awards and Honors:

- 1- Scholarship for PhD period in field of Medical Mycology of Ministry of Health and Medical Education of Islamic Republic of Iran from 2006 to 2010.
- 2- ISHAM young investigators travel award worth 1500 \$ for an outstanding presentation at the 17th Congress of The International Society for Human and Animal Mycology, Tokyo, Japan, May 2009
- 3- ECMM young investigators travel award worth 1000 Euro for an outstanding presentation at the 4th Trends in Medical Mycology, Athens, Greece, October 18-21, 2009

4- FEMS young investigators travel award worth 400 Euro for an outstanding presentation at the 6th Conference of Medical Microbiology (FEMS) June 7-11, 2015, Maastricht, the Netherlands

5- Financially supported by an ESCMID observership grant for training at the Department of Medical Microbiology and Infectious Diseases, Canisius- Wilhelmina Hospital, Nijmegen, The Netherlands, 2016 and 2017

Teaching Experiences

1) Teaching of Medical mycology course for health and medical students in Zanjan university of Medical Science, School of medicine, from 2003 to 2006.

2) Teaching of Medical mycology course for MSc students of Medical Parasitology in Zanjan university of Medical Science, School of medicine, from 2005 to 2006.

3) Teaching of all Medical mycology courses such as fungal genetic, fungal biotechnology and fungal physiology for MSc and PhD students in field of Mycology at Mazandaran university of Medical Science, School of medicine, from 2010 to present.

Professional memberships:

- Member of the American Society of Microbiology (ASM)
- Member of the International Society of Human and Animal Mycology (ISHAM).
- Member of the Young International Society of Human and Animal Mycology (ISHAM).
- Member of the European Society of Clinical Microbiology and Infection Disease (ESCMID).
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Specialization and Interest

- ❖ Epidemiology and clinical courses of severe fungal infections
- ❖ Antifungal susceptibility testing and to investigate mechanism of actions

Severe fungal infections (Aspergillosis and Candidiasis) have emerged worldwide as an important cause of infections among patients undergoing cancer chemotherapy, haematopoietic stem-cell transplantation, or solid organ transplantation. Therefore to determine; distribution, prevalence, epidemiology and strain diversity, describing novel species, to collect azole resistance species, to identify patient population at risk, to determine the clinical pattern of disease, to characterize in vitro susceptibility, to check in vitro susceptibility and drug-drug combinations and to check experimental antifungal drugs in vitro and in vivo in animal models is highly necessary in the hospital, predicting clinical course and applying adequate and cost-effective therapy.

REFEREES:

- 1) Professor G. Sybren de Hoog: *CBS-KNAW Fungal Biodiversity Centre, Utrecht, Netherlands and Institute for Biodiversity and Ecosystem Dynamics, University of Amsterdam, Amsterdam, Netherlands*, Email address: s.hoog@cbs.knaw.nl
- 2) Jacques F. Meis: *Department of Medical Microbiology and Infectious Diseases, Canisius Wilhelmina Hospital, Nijmegen, Netherlands*, Email address: j.meis@cwz.nl