

In The Name of Allah

Curriculum Vitae (C.V.):

First name: Seyed Amir

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Gender: Male

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Educational Qualifications:

- **PhD** in Medical Mycology (1997-2001), Leeds University, Microbiology Department, School of Biochemistry & Molecular Biology.
- **Msc** in Medical Mycology (1996-1997), Leeds University, Microbiology Department, School of Biochemistry & Molecular Biology.
- **Msc** in Mycology (1985-1989), Tarbiat Modarres University (Tehran).
- **Bsc** in Laboratory Sciences (1981-1985), Iran University of Medical Sciences(Tehran) .

Work Experience:

- 1- Amember of Paramedical school, Iran University of Medical Sciences(from 1981-1987).
- 2- Tutor of Medical Mycology(MSc), Iran university of Medical Sciences, Department of Parasitology(from 1989-2001).
- 3- Associate Professor of Medical Mycology(PhD), Iran University of Medical Sciences (from 2001 till now).
- 4- University Lecturer in the University of Medical Sciences of Iran

- 5- Laboratory Co-ordinator in the Microbiology Department, Mycology Section, University of Leeds (1998-2000).
- 6- Assistant Head for Laboratory Sciences in Paramedical School, Iran University of Medical Sciences(2003 till now).
- 7- Member of Research Committee in Paramedical school, Iran University of Medical Sciences(from 2005 till now).
- 8- Head of Post-graduate Office in Paramedical School, Iran University of Medical Sciences(from 2005 till now).

Skills Profile / Achievements:

- 1- Teaching, writing papers or abstracts and doing research work for publication. My last paper was published in the Journal of Medical Microbiology on 1st November 2006, vol. 55, No 11, pp. 1577-1581.
- 2- Presenting a research project in the International Congress of Medical Mycology, Buenos Aires (Argentina), 2001.
- 3- Working on the new techniques in Molecular Biology for identification of micro-organisms.
- 4- Familiar with doing the quality tests about Medical Mycology.

5- IT Knowledge:

- Microsoft packages: word processing, powerpoint, Excel and spreadsheets used ongoing in course work and during work experience.
 - Extensive internet use and basic html programming competence and familiar with research on the internet, using E-mail and preparing front page / slides and transparent for presentation and home page design.
- 6- **Analytical Skills:** Requisites for my MSc / PhD degree include problem Solving, logical thinking and calculating. I enjoy using numbers to back up discussions.
 - 7- **Time Management:** I am punctual and reliable through experience involving shift work in laboratories. I like to always be organised and present myself well.

8- Communication:

- Good communication skills gained from conducting presentations in front of large audiences consisting of both lecturers and students.
- Effective operation and communication within multi – national organisations. This also involved dealing with complaints and difficulties calmly and professionally.

9- Team Work:

- Team work was an essential part of every group work exercise conducted at university to ensure a successful result.

10- Leadership:

Leadership qualities have been portrayed through numerous group exercises throughout my university career where I adopt a dominant and positive role.

11- Problem Solving:

- Problem solving has been dominant throughout my education and work experience. It was an essential skill in a number of modules such as operational research, database management and information systems development.
- Often dealing with complaints and difficulties has led me to find solutions to problem in a calm and efficient manner.

Workshops:

- 1- Scientific research workshop in Shahid Rajaei Hospital 1994
- 2- SPSS in Iran University of Medical Sciences 2006
- 3- Medical Mycology in Research Centre(Park Shahr-Tehran) 2005
- 4- Computer in Leeds University 1996
- 5- Preparation of posters in Leeds University 1996
- 6- Preparation of scientific lectures 1997
- 7- Preparation of scientific essay 1998
- 8- Molecular Biology in Fungi 1999

Activities & Interests:

- Keeping in touch with up-to-date Medical Mycology information and Discoveries.
- Travelling: travelling for congress and seminars through Buenos Aires (Argentina), has undoubtedly been one of the most influential experiences of my life. It has not only made me a more confident person but has helped me to integrate with all nationalities and broaden my horizons.
- Scientific Societies:
 - * Member of international Society of Human & Animal Mycology (ISHAM) since 1998.
 - * Member of British Society of Medical Mycology (BSMM), since 1999.
 - * Member of Skin Research Centre(SRC), University of Leeds since 1998.
 - * Member of Iranian Society of Parasitology since 2005.

Publications:

A) Articles:

- 1- Yazdanparast, A; Barton, R; Evans, E.G.V. ; “Molecular Strain Typing of *Trichophyton rubrum* indicates multiple strain involvement in Onychomycosis. **British Journal of Dermatology**, Jan. 2003, Vol. 148, Issue 1, pp. 51-54.
- 2- Yazdanparast, A. “Typing of *T. rubrum*, isolated from patients with onychomycosis”. **Journal of Iran University of Medical Sciences**, Winter 2005, Volume 11, Number 43. pp.867-876.
- 3- Yazdanparast, A. “A new ex-vivo model of onychomycosis”. **Journal of Medical Microbiology**, Nov 2006 , Volume 55, Number 11, pp. 1577-1581.
- 4- Yazdanparast, A. “ *Malassezia* and systemic infections”. **Medical Journal of Tarbiat Moddaress**, vol.9,No. 2, pp. 65-73, 1385.
- 5- Nassiri Kashani, M.J., Yazdanparast, A., Mossaded, A., “ Isolation and investigation of keratinophilic fungi in soil of 22 municipality districts of Tehran’s Park. **Iranian Journal of Medical Sciences**. .
- 6- Yazdanparast, A., “A short report on: 14th Congress of ISHAM, Argentina, May 2000. ISHAM News Letter, 2000.
- 7-The effect of selected anti fungals.... Medical journal of Iran university, 2008-9

- 8-M.Farnoodian,S.A.Yazdanparast,..The effect of selectd anti fungals on trichophyton sp. **Medical journal of Sabzevar university**,vol.15,No.2,pp.116-122, 1387
- 9- F.Heshmati,H.Dargahi,S.A.Yazdanparast. Aspects of bacterial colonization in new born babies.**African Journal of Microbiology Research**,vol.5(16),pp.2234-2240,18 Aug,2011
- 10-R.Fateh,M.Nasiri,A.Yazdanparast, Invitro antifungal activity of Allium hirtifolium in comparison with miconazole.**Medical Journal of the Islamic Republic of Iran**,vol 24,No.1,May 2010,pp.17-22.
- 11-S.A.Yazdanparast,G.Ghandchi,S.Afshar, Detecting the aspergillus spp.in BAL fluid samples by nested-PCR(accepted in **Journal of Payavarde Salamat-Tehran University**,1390),vol.5,no.3,pp.80-87
- 12-Aspergillus niger and anxc-EGFP..... **Medical Journal of Iran university(2008)**.
- 13-F.Zeini,M.Falahati, A.Kanani,S.A.Yazdanparast, Frequency determination genotype of prototheca zopfii in bovine with & without mastitis in Isfahan. **Medical Journal of Iran University**,(2010).
- 14-M.Falahati,S.Sharifinia,S.A.Yazdanparast, Drug resistance pattern in Candida spp.isolated from vaginitis. **Medical Journal of Iran University**, vol 16,No.65, 1388.
- 15-S.A.Yazdanparast, S.M.Mahdavi, Examining cell wall proteins in Candida albicans & Candida dubliniensis by using SDS gel electrophoresis and modified staining method.**Medical Journal of IRI**,vol.26,no.2,2012,pp.45-49
- 16-Effects of environmental factors and selected antifungals agents on arthroconidia production in Trichophyton genus and E. floccosum.**
- M.Farnoodian, S.A. Yazdanparast, M.F. Sadr.**Journal of Biological Sciences**,vol. 9, no.6,2009,pp.561-566.
- 17-Environmental study of azole-resistance Aspergillus fumigatus with TR34/L98H mutations in the cyp51A gene in iran.H.Badali,A.Vaezi,I.haghani, SA. Yazdanparast., Mycosis,2013, 56(6),pp.659-663.**
- 18- Use of rolling circle amplification to rapidly identify species of Cladophialophora potentially causing human infection. H. Hamzehei,S.A.Yazdanparast,H. Badali. Mycopathologia, 2013,vol.175,issue, 5-6,pp.431-438.**
- 19- Verronae botryose: Molecular identification with AFLP and in-vitro antifungal susceptibility.**
- H.Badali, S.A.Yazdanparast,.....,Mycopathologia, 2013,175(5-6),pp.505-513

20- over- expression of cxcr4,.....M.H. Tahmasbi,M. Shafiei, M.T. Joghataei, S.A. Yazdanparast,Journal of research in molecular medicine,2013,vol. 1, issue 2, pp.17-22.

21- 3D study of capillary network derived from human cord blood mesenchymal stem cells..... M.H. Tahmasbi, M.T.Joghataei, ...S.A. Yazdanparast, Journal of research in molecular medicine, 2013, vol.1, issue 2, pp.33-38

23-Candida Flora colonization.....,A.Asadi, H.Nowrozi,..... S.A.Yazdanparast. Payavard salamat journal of Tehran University of medical sciences. 1391,vol.6,no.1, pp.34-41.

24- Interprofessional Learning: the attitude of medical, nursing and pharmacy students to shared learning at Tehran university of medical sciences. H. Darghahi, M. Shirazi, S.A.Yazdanparast. Thritha Journal of Medical Sciences. 2012,1(2):44-48.

25- Isolation and investigation of keratinophilic fungi in the parks of municipality districts of Tehran. S.A.Yazdanparast, H. Darghahi, S. shahrokhi. Thritha Journal of Medical Sciences,2013, Sep.2(1).

26- Simvastatin synergistically potentiating the anti-tumor effects of arsenic trioxide on human promyelocytic leukemia(NB-4) cells.

Ghanizadeh-vesali,S.,shirali,S.,Zaker F.,Mohammadi S.,Aryanpour J.,Yazdanparast S.A.

Sci J Iran Blood Transfus organ , 2014,11(2):116-125

B) Books:

1- Medical Mycology, **14 volumes** published by “Jahad- Daneshghahi” 2006. Title: Vol. 1:“An introduction to Medical Mycology, Superficial Mycosis and saprophytic Fungi”.

Vol. 2: Cutaneous Mycosis.(published)

Vol. 3: Subcutaneous Mycosis. .(published)

Vol. 4: Systemic Mycosis. .(published)

(Other volumes are in preparation with the following subjects):

Vol. 5: New Aspects of Keratitis, otitis and onychomycosis.

Vol. 6: Bone and Blood Mycosis.

- Vol. 7: Transplantation, AIDS and Cancer in Mycosis.
- Vol. 8: Respiratory, Urinary and Nervous System Problems in Mycosis.
- Vol. 9: Molecular Biology of Fungi.
- Vol. 10: Veterinary Mycology.
- Vol. 11: Plants and Mycosis.
- Vol. 12: Industrial Mycology.
- Vol. 13: Mycotoxins.
- Vol. 14: Questions and Tests of Medical Mycology.
- 2- The Hygiene of Foods. 1989.(published)
- 3- The Contagious Diseases. 1989.(published)

Abstracts:

- 1- Malassezia Infections Leeds University 1997
- 2- Arthrospore production..... Argentina 2000
- 3- Evaluation of airborne fungal elements in the intensive care units in Hamedan Hospitals 2004
- 4- Ex-vivo model of onychomycosis Skin Research Seminar-Tehran 2005
- 5- Moulds Allergy, Tehran 2005

Presentations:

- 1- Transfer and survival of Malassezia in the environment. 4th Seminar of Iranian Students in Europe, 5th July 1998 London. Sponsored by UISA(United Islamic Students Association).
- 2- Malassezia and systemic infections.4th Congress of the European Confederation of Medical Mycology, Glasgow, Scotland, 11-13th May 1998 .
- 3- Physiology of arthrospore formation in dermatophytes. 6th Medical Sciences Seminar of Iranian Students in Europe, 1999, Manchester, UK.

- 4- Arthrospore production in *Trichophyton rubrum*. 7th Iranian Students Seminar in Europe, 20-21 May 2000, Manchester, UK.
- 5- A new ex vivo model of onychomycosis. 14th Congress of the international Society for Human and Animal Mycology, Buenos Aires, Argentina, 8-12 May 2000.
- 6- Epidemiology and pathogenesis of dermatophytes. Leeds University, Microbiology Department, School of Biochemistry and Molecular Biology. 22 June 2000.
- 7- Molecular strain typing in onychomycosis. Iran University of Medical Sciences, Paramedical School. Tehran, 2005.
- 8- PCR in *Trichophyton rubrum*. Iran University of Medical Sciences, Skin Research committee, Tehran, 2005.
- 9- Molecular Biology in Mycosis. Iran University of Medical Sciences, Paramedical School, Tehran, 2005.
- 10- New aspects of Medical Mycology. IUMS, Research Center , Tehran, Park Shahr, 2005.

Researching plan and Thesis(dissertation):

(Associate Professor advisor and contribution to the training of qualified personnels).

- 1- Determination of anti *Aspergillus* specific IgE and IgG and anti *Candida albicans* specific IgE and IgG in asthmatic patients by Elisa. 1995.
- 2- Concerning the disease of *Tinea-versicolor* among the Tehran's and Karaj Jails. 1988.
- 3- Airborn fungal elements in the intensive care Units in Hamedan Hospitals. 2004.
- 4- Strain typing of *Trichophyton mentagrophytes* with PCR. 2006.
- 5- Garlic Juice as an antifungal for mycological cultures. 2006.
- 6- Identification and culture of stem cells in 4 types of mice. 2006.
- 7- The effect of antifungals on Arthrospore formation in dermatophytes. 2006.

Students seminars:

- 1- *Malassezia* Infections. M. Khodayari , 2005
- 2- Onychomycosis. S. Rabiei. 2005.
- 3- Mycetoma. A. Degam khiz, 2005.
- 4- The effects of Mycotoxins and Mushrooms in our life. A. Khandan, 2005
- 5- Mycosis and AIDS. N. Noorparvar, 2006.
- 6- *Cryptococcus neoformans*. A. Moosavi, 2006.

- 7- Serology in fungal infections. A. Hosseini, 2006.
- 8- Pathogenesis of fungal infections. F. Rabiei, 2006.
- 9-Industrial mycology 2006
- 10-plants mycology 2007
- 11-veterinary mycology 2007
- 12-molecular diagnosis and mycosis 2009

Courses Taught:

Medical Mycology, was taught for under-graduate, BSc, MSc & PhD students in IUMS(Iran University of Medical Sciences) at:

- 1- School of Paramedicine,
- 2- School of Medicine.
- 3- School of Nursing.
- 4- School of Public Health.
- 5- School of Rehabilitation Sciences.
- 6- School of Management and Medical Information Sciences.
- 7- Veterinary School, University of Tehran.

Administrative Responsibilities:

- 1- Head of laboratory Paramedical School sciences group, Iran University of Medical Sciences, Tehran, (from 2007)
- 2- Head of Medical Mycology, IUMS, Tehran, 1989- till now.
- 3- Head of Post-graduate Office, IUMS, Paramedical School, Tehran, 2005- till now

Research Interests:

- Contaminated foods with fungi (moulds) and allergy.
- Laboratory works and Molecular biology of Fungi.
- Antifungal products for the disease of skin, hair and nails.
- Dermatophytosis & Onychomycosis .
- Pharmaceutical and food companies research work.
- Fungal infections of hospitals.
- Subcutaneous Mycosis.
- Arthrospore production in Dermatophytes(the pathogenic elements of fungi).
- Malassezia and systemic infections.
- Identification of Medically important Fungi.

Awards and Scholarship:

- 1996 Scholarship from Iran University of Medical Sciences for MSc / PhD at University of Leeds, Microbiology Department, Biochemistry and Molecular biology section.
- 1998 Awards for travelling to Medical Mycology Congress in Glasgow, Scotland from BSMM (British Society for Medical Mycology).
- 1999 Two awards from Iranian Embassy in London (student Office) for 6th and 7th students Seminars in Europe, Manchester and London, U.K.
- 2000 Awards from ISHAM (International Society for Human and Animal Mycology) for 14th Congress of Medical Mycology, Buenos Aires , Argentina.

Referees:

- Professor E.G.V. Evans(passed away), Head of Medical Mycology, Microbiology Department, University of Leeds, Leeds, LS2 9JT.

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- Dr R.C. Barton, Scientist & Lecturer in Medical Mycology, Microbiology Department, University of Leeds, Leeds, LS2 9JT.

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