

ARAB REPUBLIC OF EGYPT
ASSIUT UNIVERSITY, FACULTY OF SCIENCE

Curriculum Vitae

Professor Dr. Ahmad Mohammad Moharram Marzook

PERSONAL AND CONTACT DETAILS

- **Date & Place of birth:** December, 01, 1953, Assiut, Egypt
- **Gender:** Male
- **Social status:** Married, two daughters and a son
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EDUCATION:

- **Ph.D. Degree in Science (Botany)- (Specialty: Mycology)**
Title of the Ph.D. Thesis: Studies on thermophilic and thermotolerant fungi in Egyptian soil. From Faculty of Science, Assiut University, Egypt (1984).
- **M. Sc. Degree in Botany, from Faculty of Science, Assiut University, Egypt (1980).**
- **B. Sc. Degree in Botany, from Faculty of Science, Assiut University, Egypt (1975).**

PROFESSIONAL CAREER:

- **Professor of Microbiology (Mycology), Department of Botany, Faculty of science, and Vice director of the Assiut University Mycological Centre (AUMC), Assiut University, Egypt, since April, 30, 2000 till now.**
- **Associate Professor of Microbiology, Department of Botany, Faculty of science, Assiut University, Egypt, from January, 07, 1990 to April, 29, 2000.**
- **Lecturer of Mycology Microbiology, Department of Botany, Faculty of science, Assiut University, Egypt, from September, 03, 1984 to January, 06, 1990.**
- **Assistant Lecturer of Botany, Department of Botany, Faculty of science , Assiut University, Egypt, from June, 23, 1980 to September, 02, 1984.**
- **Demonstrator of Botany, Department of Botany, Faculty of science, Assiut University, Egypt, from October, 04, 1975 to June, 22, 1980.**

TEACHING AND LECTURING ACTIVITIES

- **Undergraduate students:**
 - Microbiology (Medical mycology), Plant pathology, Ecology and taxonomy of fungi, Archegoniates, Cytology, Taxonomy of flowering plants, General Botany (Plant Morphology and Anatomy, Plant Kingdom) .
- **Postgraduate students (M. Sc. and Ph. D. Students):**
 - Advanced courses in medical mycology, plant pathology, mycorrhizas, laboratory methods for water and wastewater analysis, Application of molecular techniques in mycology.

RESEARCH AREAS:

- **Soil, air, water and food borne fungi, medically important fungi, antifungal susceptibility testing, plant pathogenic fungi, cellulose decomposing fungi, fungal enzymes (24 awarded M.Sc. and Ph. D. Degrees have been supervised).**

PUBLICATIONS:

- Sixty eight papers published in international and national journals (see list of publications).

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

- Egyptian Society of Botany.
- Egyptian Society of Plant Pathology.
- International Society of **Human and Animal Mycology** (ISHAM)
- Pan African **Medical Mycology Society** (PAMMS)
- Society for Basic and Applied Mycology (S BAM)

SCIENTIFIC AND OTHER AWARDS:

- 1- Assiut Univ. Prize for the best scientific paper in Botany in 2000.
- 2- Research Training Grant supported by the International Society for Human and Animal Mycology (ISHAM) to work on **medically important fungi** including *Sporothrix* species at **The Fungal biodiversity Centre (CBS), Utrecht, the Netherlands**, during September – November, 2004.
- 3- Assiut University prize for distinguished teaching in the fields of Basic, Agricultural and Engineering Sciences (March, 2009)

CONFERENCES AND MEETINGS:

- 1- Stress Biochemistry in Plants (A joint Meeting of Egyptian and German Scientists), Assiut University ,Egypt November , 11-13 (1991)
- 2- The Second International Conference on Fungi "Hopes & Challenges". Al – Azhar Univ. Cairo, Egypt 29th September – 1st October (1999).
- 3- The Third International Conference on Biopesticides, Kuala Lumpur, Malaysia. 22-26 April (2002).
- 4- Assiut University 4th Pharmaceutical Sciences Conference Fac. Pharmacy, Assiut , March 6-7 ,2004.
- 5- Training Course on Applications of Polymerase Chain Reaction and Gene Sequencing. in Mubarak City for Scientific Research and Technology Applications. Alexandria, August, 7-11, 2004.
- 6- Invited speaker and co-chairperson for 2 sessions of the **Symposium on Medical Mycology in Africa, Hartenbosh, Cape Town, South Africa. 23-26 January 2005.**
- 7- Training workshops on Computer Sciences covering hardware, Audio / Video, MS Windows, Word & Excel, MS Power Point, Adobe Photoshop and Macromedia flash in the Teaching Resources and Multimedia Centre (TREMCM), Faculty of Science, Assiut University, During October- December, 2005.
- 8- The International Conference on the **Arabian Oryx in the Arabian Peninsula**, Riyadh, Kingdom of Saudi Arabia, during the period 21- 23 April 2007.
- 9- Invited speaker and co-chairperson for 2 sessions of the **2nd PAMMS Conference on Medical Mycology in Africa, Cape Town, South Africa. 6-9 May 2007.**
- 10- Workshop on Molecular biology (DNA extraction- Realtime PCR,...), Molecular Biology Research Centre, Assiut University, Assiut, Egypt, February 2008.
- 11- 3rd Pan African Medical Mycology Society Conference (PAMMS 2007), Abuja, Nigeria, 25-27 February, 2009
- 12- First International Conference in Biological Sciences, Assiut University, Assiut, Egypt, 3-4 March, 2009.

VISITS TO ARAB COUNTRIES:

- Associate Professor of Microbiology, Department of Biological Sciences, Faculty of Education then Faculty of Science, **Taiz University, Yemen Republic from October, 1992 to August, 1995**
- Visiting Professor to Department of Botany and Microbiology, Faculty of Science, King Saud University, **Kingdom of Saudi Arabia, 18- 29 April, 2007.**
- External examiner & visiting Professor to Department of Botany and Microbiology, Faculty of Science, King Saud University, **Kingdom of Saudi Arabia, May, 2009.**

PARTICIPATION IN THE ACTIVITIES OF THE ASSIUT UNIVERSITY MYCOLOGICAL CENTRE (AUMC):

- Preservation of living fungal cultures,
- Preparation of dry cultures and herbarium specimens
- Establishment of the AUMC fungal library.
- Identification of fungal cultures received from researchers from Egypt and other Arab Countries.
- Four training summer courses in Mycology for undergraduates (2006-2009)

ARRANGEMENTS FOR WORKSHOPS AT ASSIUT UNIVERSITY MYCOLOGICAL CENTRE(AUMC):

- 1- The 1st workshop on *Aspergillus* species and its teleomorphs, Assiut 24-29 **March 2001.**
- 2- The 2nd workshop on **fungi which deteriorate food materials.** Assiut 27October – 1 **November 2001.**
- 3- The 3rd workshop on *Penicillium* species and its teleomorphic states *Eupenicillium* and *Talaromyces*. Assiut, 7-11 **April 2002** (Kindly supported by UNESCO).
- 4- The 4th workshop on Biodiversity and Identification of *Fusarium* species with special attention to toxigenic and human and plant pathogenic species, Assiut 15- 20 **March 2003** (Dr. R. Summerbell was invited as a distinguished expert from the fungal Biodiversity Centre , CBS , Utrecht, the Netherlands).
- 5- The 5th workshop on Biodiversity and Identification of *Aspergillus* species and Practical Detection and Identification of their Mycotoxins, Assiut 18-23 **October 2003.**
- 6- The 6th workshop Identification of Genera and Species of **Dematiaceous Hyphomycetes** with special attention to toxigenic and human, animal and plant pathogenic species ,Assiut 3-8 **April 2004.**
- 7- The 7th workshop on **Medical Mycology** .Assiut 19-24 **March 2005** (Dr. Hester Vismer from South Africa and Dr Richard Summerbell from the Netherlands were invited as distinguished experts).
- 8- The 8th workshop **on indoor and outdoor airborne fungi**, Assiut 18-23 **March, 2006.**
- 9- The 9th workshop on *Fusarium* species (pathogenic and toxinogenic species), **March, 17-22, 2007**
- 10- The 10th workshop on **Ascomycota**, **March, 8-13, 2008.**
- 11- The 11th workshop on foodborne fungi with special focus on mycotoxigenic, plant, animal and human pathogenic species. **March 7- 11, 2009.**
- 12- Twelfth workshop on Fungal biotechnology. **November, 8-12, 2009.**
- 13- Thirteenth workshop on fungal conservation, molecular techniques, Assiut, **6- 8, March, 2010.**
- 14- First International conference on basic and applied Mycology, Assiut University, **9 -11 March, 2010**