

# **Curriculum Vitae of Professor Mady Ahmed Ismail, Department of Science, Assiut University, Assiut, Egypt**

## **Personal Informations**

Name: Mady Ahmed **Ismail**  
Sex: Male  
Date of Birth: 15/11/1960  
Place of Birth: Assiut, Egypt  
Nationality: Egyptian  
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## **Academic Qualifications**

1. B.Sc. (Botany), Faculty of Science, Assiut University, Egypt, June 1982.
2. M.Sc. Botany (Microbiology), Faculty of Science, Assiut University, Egypt, August 1987.
3. Ph.D. Botany (Microbiology), Faculty of Science, Assiut University, Egypt, December 1990.
4. Scholarship, IMI, International Mycological Institute, Kew, Surrey, England, 1990-1991.

## **Academic Positions**

1. Demonstrator, Department of Botany, Assiut University, Egypt, 1982- 1987.
2. Assistant Lecturer, Department of Botany, Assiut University, Egypt, 1987-1990.
3. Training Scholarship on the "Identification of microfungi using traditional and biochemical techniques" in the International Mycological Institute, Kew, Surrey, England, 1 October 1990- 27 September 1991,
4. Lecturer of Microbiology, Department of Botany, Assiut University, Egypt, 1991-1996.
5. Associate Professor of Microbiology (Mycology), Department of Botany, Assiut University, Egypt, 1996-2001.
6. Professor of Microbiology (Mycology), Department of Botany, Assiut University, September 2001 - till now.

## **Other Activities**

1. Visiting Associate Professor, Sana'a University, Yemen, 1996-1997.
2. Visiting Professor, Makerere University, Kampala, Uganda, September 1997-2002.

## **Conferences attended**

1. The Second Regional Mycological Conference (RMC 2), Faculty of Science, Al-Azhar University, Cairo, Egypt, 7-10 October 1992.
2. The sixth Scientific Congress, Faculty of Veterinary Medicine, Assiut University, Egypt, 20-22 November 1994.
3. The IX IUPAC International Symposium on Mycotoxins and Phycotoxins, Rome, Italy, 27-31 May 1996.
4. The first Conference on Biochemistry, Department of Biochemistry, Faculty of Medicine, Assiut University, Egypt, 21-23 December 2005.
5. The Upper Egypt Universities Annual (9<sup>th</sup>) conference on Ophthalmology, Assiut University, 14-15 December 2006.
6. The 2<sup>nd</sup> Pan African Medical Mycological Society Conference (PAMMS 2007), CTICC, Cape Town, South Africa, 6-8 May 2007.
7. The 3<sup>rd</sup> Pan African Medical Mycological Society Conference (PAMMS 2009), Chelsea Hotels, Central Business district, Abuja, Nigeria, February 25 -27<sup>th</sup>, 2009.
8. The 1<sup>st</sup> International Conference of Biological Sciences, Faculty of Science, Assiut University, Egypt, March 4-5<sup>th</sup> 2009.
9. The 1<sup>st</sup> International Conference of Basic and applied Mycology", organized by the Assiut University Mycological Centre (AUMC), Assiut, Egypt in collaboration with the Basic and Applied Mycological Society, From 9-11 March 2010.

## Workshops

1. A workshop on the "Identification and Taxonomy of *Aspergillus* and *Penicillium* species "conducted by the International Mycological Institute (IMI), Ferry Lane, Kew, Surrey, UK, 5-9 November 1990.
2. A workshop on "Introduction to Biodeterioration Course" conducted by the International Mycological Institute (IMI), Ferry Lane, Kew, Surrey, UK, 24-28 June 1991.
3. A workshop on Scanning and Transmission Electron Microscopy, Electron Microscopy Unit, Assiut University, Egypt, February 1992.
4. A workshop on Electron Microscopy (Techniques and interpretation), Electron Microscopy Unit, Assiut University, Egypt, 25-30 March, 1995.
5. A workshop on The Information Management and Biodiversity, Cairo, Egypt, 25-28 March 1996.
6. A workshop on " Introduction to PC,S & Operating Systems" organized by Computer Centre, Faculty of Agriculture, Assiut University, July 1998.
7. A workshop on " MS- Windows 95" organized by Computer Centre, Faculty of Agriculture, Assiut University, August 1998.
8. The 4<sup>th</sup> workshop on "Biodiversity and identification of *Fusarium* species with special attention to toxigenic, and human, and plant pathogenic species" organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt in collaboration with UNESCO, 15-20 March, 2003.

9. The 5<sup>th</sup> workshop on “Biodiversity and identification of *Aspergillus* species and practical detection and identification of their mycotoxins” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 18-23 October 2003.
10. The 6<sup>th</sup> workshop on “Identification of genera and species of Dematiaceous hyphomycetes with special attention to toxigenic and human, animal and plant pathogenic species” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 3-8 April 2004.
11. The 7<sup>th</sup> workshop on “Medical mycology” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 19-24 March 2005.
12. The 8<sup>th</sup> workshop on “Biodiversity of indoor and outdoor air-borne fungi and their role in human, animal, and plant diseases and in food deterioration” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 18-23 March 2006.
13. The 9<sup>th</sup> workshop on “Biodiversity and identification of *Fusarium* species with special attention to toxigenic, and human, animal and plant pathogenic species” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 17-22 March 2007.
14. The 10<sup>th</sup> workshop on “Biodiversity of Ascomycota with special attention to the genera and species of medical, agricultural and biotechnological significance” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 8-13 March 2008.
15. The 10<sup>th</sup> workshop on “Biodiversity of Ascomycota with special attention to the genera and species of medical, agricultural and biotechnological significance” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 8-13 March 2008.
16. The 11<sup>th</sup> workshop on “Biodiversity of genera and species of fungi which deteriorate food materials with special attention to toxigenic and human, animal and plant pathogenic species” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 7-11 March 2009.
17. The 12<sup>th</sup> workshop on “ ” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 7-11 March 2009.
18. The 13<sup>th</sup> workshop on “I. Identification of fungi by morphological and molecular techniques& II. Conservation of fungi ” organised by the Assiut University Mycological Centre (AUMC), Assiut, Egypt, 6-8 March 2010.

### **Membership of Scientific Societies**

1. A member of the Basic and Applied Mycological Society, Assiut University Mycological Centre (AUMC), Assiut University, Egypt.
2. A member of the Academic Committee of the Assiut University Mycological Centre (AUMC), Assiut University, Egypt.
3. A member of the Egyptian General Society of Mycology, Department of Botany, Faculty of Science, Al-Azhar University, Cairo, Egypt.
4. A member of the Egyptian Society of Botany, Department of Botany, Faculty of Science, Cairo University, Giza, Egypt.

5. A member of the Biodeterioration Society, Diane Band, Coalite Chemicals, Chesterfield, England.

## Teaching Experiences

1. **Undergraduate courses:** General Mycology, Medical Mycology, Phytopathogenic fungi, General Microbiology, Basic Bacteriology and Virology,

In addition to some other general courses in the field of botany such as: Plant anatomy, Economic Botany.

2. **Postgraduate courses:** Recent Approaches in Systematic Mycology, Soil Microbiology, Mycotoxins and Mycotoxicoses. Practical course.

## Research Interests

1. Fungal systematic based on different aspects (e. g. micro- and macromorphology on different cultural/selective media, SEM, physiological behaviours),
2. Food mycology
3. Fungi from different habitats e.g. soil, air, dust, ...
4. Different enzymes produced by fungi.

## References

1. **Professor A. H. Moubasher, Director of the Assiut University Mycological Centre, Assiut University, Egypt.**
  2. **Professor M. I. Abdel-Kader, Professor of Mycology and the former President of the Assiut University, Egypt.**
  3. **Professor S. I. I. Abdel-Hafez, Professor of Mycology, Department of Botany, Faculty of Science, Assiut University, Egypt.**
  4. **Professor A.M. Moharram, Professor of Mycology, Department of Botany, Faculty of Science, Assiut University, Egypt.**
  5. **Professor A. Y. Abdel-Mallek, Professor of Mycology and the Dean of the Faculty of Science, Assiut University, Egypt.**
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**List of Publications of Professor Mady Ahmed Ismail, Professor of Microbiology,  
Department of Botany, Faculty of Science, Assiut University.**

1. Abdel-Hafez S.I.I., Abdel-Hafez A.I.I. & **Ismail M.A.** 1989. Distribution of osmophilic and halophilic fungi in combine harvester sorghum dust particles from Egypt. *Acta Mycologica* XXV (1): 101-111.
2. Abdel-Hafez S.I.I., Abdel-Hafez A.I.I. & **Ismail M.A.** 1990. Osmophilic, osmotolerant, halophilic and halotolerant fungi of wheat straw from Egypt. *Sohag Pure & Applied Science. Bull. Fac. Sci., Egypt*, 6: 1-15.
3. Moubasher, A.H., Abdel-Hafez S.I.I., Shoreit A.A.M. & **Ismail M.A.** 1990. Keratinophilic and other fungi isolated from combine harvester wheat and sorghum dusts and from the atmosphere of winnow sites in Egypt. *Folia Microbiol.* 35: 298-310.
4. Abdel-Hafez S.I.I., Moubasher A.H., Shoreit A.A.M. & **Ismail M.A.** 1990. Fungal flora associated with combine harvester wheat and sorghum dusts from Egypt. *J. Basic Microbiol.* 30(7): 467-479.
5. Shoreit A.A.M. & **Ismail M.A.** 1992. *Bacillus* species associated with wheat and sorghum dusts from combine harvester. *Zentralbl. Mikrobiol.* 147: 541-550.
6. Abdel-Hafez S.I.I., Moharram A.M. & **Ismail M.A.** 1992. Mycoflora of sedimented dust in the Oases of Western Desert, Egypt. *The Second Regional Mycological Conference RMC 2, University of Al-Azhar, 7-10 October 1992, Cairo, Egypt* (pp. 73-87).
7. **Ismail M.A.** 1993. Degradative enzymes and fungal flora associated with the Egyptian foodstuff Kishk. *International Biodeterioration and Biodegradation* 31: 143-157.
8. Abdel-Sater M.A. & **Ismail M.A.** 1993. Ecological and enzymatic studies on fungi associated with biscuits in Egypt. *International Biodeterioration and Biodegradation* 31: 277-292.
9. Abdel-Sater M.A., Khallil A.M., **Ismail M.A.** & Ahmed S.A. 1993. Effect of paraquat and ametryne on soil, root and leaf-surfaces fungi of *Solanum tuberosum* L. *Zentralbl. Mikrobiol.* 148: 558-569.
10. Bridge P.D., **Ismail M.A.** & Rutherford M.A. 1993. An assessment of aesculin hydrolysis, vegetative compatibility and DNA polymorphism as criteria for characterizing pathogenic races within *Fusarium oxysporum* f. sp. *vasinfectum*. *Plant Pathology* 42: 264-269.
11. **Ismail M.A.** & Abdel-Sater M.A. 1993. Fungi associated with the Egyptian cotton leafworm *Spodoptera littoralis* Boisdoval. *Mycopathologia* 124: 79-86.

12. **Ismail M.A.** & Zohri A.A. 1994. Confirmation of the relationships of *Aspergillus aegyptiacus* and *Emericella nidulans* using progesterone transformation. *Letters in Applied Microbiology* 18: 130-131.
13. **Ismail M.A.** & Abdel-Sater M.A. 1994. Mycoflora inhabiting water closet environments, *Mycoses* 37: 53-57.
14. **Ismail M.A.** & Zohri A.A. & Abdel-Sater M.A. 1994. Biochemical and physiological behaviours of *Aspergillus flavus* and *A. oryzae* isolates from *Spodoptera littoralis*. *Bull. Fac. Sci., Assiut University* 23 (1-D): 145-153.
15. Zohri, A.A. & **Ismail M.A.** 1994. Based on biochemical and physiological behaviour where is *Aspergillus egyptiacus* better placed. *Folia Microbiologica* 39 (5): 415-419.
16. **Ismail M.A.** & Omar S.A. 1994. Factors affecting ureolytic activities of *Penicillium waksmanii* isolated from sewage sludge. *Folia Microbiologica* 39 (5) 441-444.
17. Nassar A. & **Ismail M.A.** 1994. Psychrotrophic and mesophilic fungi isolated from imported frozen lean meat in Egypt. *Journal of Food Safety* 14 (4): 289-295.
18. Nagah M. Saad & **Ismail M.A.** 1994. Growth of molds in reconstituted infant's milk powder. 6th Scientific Congress, 20-22 November, 1994, Faculty of Veterinary Medicine, Assiut, Egypt. (PP. 37-44).
19. **Ismail M. A.**, Nassar A. A., Amal Ahmed & Youssef H. 1994. Mycological status of ready – to – eat salted fish. *Assiut Veterinary Medical Journal* 32 (63): 74 – 81.
20. **Ismail M. A.** & Issa A. A. 1994. Toxicity of some detergents on populations of soil fungi and algae . *Bulletin of the Faculty of Science, Assiut University* 32 ( 1 – D ): 95 – 106.
21. Moharram A.M., Abdel-Hafez S.I.I. & **Ismail M.A.** 1995. Amylolytic activities of fungi isolated from different sources in Kharga Oasis, Egypt. *Abhath Al-Yarmouk: "Pure Sci. & Eng."* 4 (2): 45-59.
22. **Ismail M.A.** & Nagah M. Saad 1995. Studies on the mycological quality of milk powder. *Assiut Vet. Med. J.* 32 (64): 173-185.
23. **Ismail M.A.**, Abdel-Sater M.A. & Zohri A.A. 1995. A synoptic key to species of *Aspergillus nidulellus-Emericella* assemblage common to Egypt. *Mycotaxon* 53: 391-405.
24. **Ismail M.A.**, Abou Elala A., Nassar A. & Michail D.G. 1995. Fungal contamination of beef carcasses and the environment in a slaughterhouse. *Food Microbiology* 12: 441-445.
25. Zohri A.A., Abdel-Sater M.A. & **Ismail M.A.** 1995. Incidence of aflatoxins and mould flora in corn snacks. *Journal of Food Science and Technology*, 32(4): 289-294.

26. Issa A.A. & **Ismail M.A.** 1995. Effects of detergents on River Nile water microflora. *Acta Hydrobiol.* 37(2): 93-103.
27. Ahmed M.M., Sotohy A.S., Ismail A.A. & **Ismail M.A.** 1995. Bacteriological evaluation of poultry feeds and feed ingredients in Assiut Governorate. *Assiut Veterinary Medical Journal* 34 (67): 43-56.
28. Nassar A., **Ismail M.A.** & Abou Elala A.H. 1995. The role of benzoic acid as a fungal decontaminant of beef carcasses. *Fleischwirtsch* 75 (9): 1160-1162 (in Deutsch) & 75(10): 1218-1220 (in English).
29. Ahmed, M.M., **Ismail M.A.**, Sotohy, A.S. & Ismail A.A., 1998. Mycological evaluation of poultry feeds, concentrates and feed ingredients. *Assiut University Bulletin for Environmental Researches* 1(1): 1-16.
30. Enas El-Prince & **Ismail M.A.** 1998. Microbiological quality of mozzarella cheese. *Assiut Veterinary Medical Journal* 39 (77): 94-109.
31. Omar, S.A. & **Ismail M.A.** 1999. Microbial populations, ammonification and nitrification in soil treated with urea and inorganic salts. *Folia Microbiologica* 44(2): 205-212.
32. **Ismail, M.A.** & Zaky, Z.M., 1999. Evaluation of the mycological status of luncheon meat with special reference to aflatoxigenic moulds and aflatoxins residues. *Mycopathologia* 146: 147-154.
33. **Ismail M.A.**, Chebon S.K. and Nakomya R. 1999: Preliminary surveys of outdoor and indoor aeromycobiota in Uganda. *Mycopathologia* 148:41-51.
34. **Ismail, M.A. 2000: Taxonomical studies along with ecological analyses on taxa of Section Flavi** in Egypt: Two new records, and synoptic and dichotomous keys to the taxa treated. *Bulletin of the Faculty of Science, Assiut University* 29(2-D): 213- 232.
35. **Ismail M.A.** 2000: Mycological criteria and antifungal properties of cardamom and black mustard from two East African Tropical countries. *Bulletin of the Faculty of Science, Assiut University* 29(2-D): 233-254.
34. 36.**Ismail M.A.** 2000: Pathogenic ability and pectolytic enzymes of fungi most commonly associated with passion fruits with special reference to the effectiveness of sodium-hypochlorite on the rot development. *The African Journal of Mycology and Biotechnology* 8(3): 13-24.
37. Abdel-Ghaffar S.A., Mpango G.B., **Ismail M.A.** and Nanyonga S.K. 2000: Synthesis and antifungal activity of some novel tosylamino acid derivatives. *Al-Azhar Bulletin of Science* 11(2): 137-145.

38. **Ismail, M.A.** & Sabreen, M.S. 2001. Associated mycobiota of some cheese and cooking butter. *Assiut Veterinary Medical Journal* 44(88): types of 176-197.
39. Abdel-Sater M.A., Zohri A.A. & **Ismail M.A.** 2001. Natural contamination of some Egyptian fruit juices and beverages by mycoflora and mycotoxins. *Journal of Food Science and Technology* 38(4): 407-411.
40. **Ismail M.A.** 2001. Deterioration and spoilage of peanuts and desiccated coconuts from two sub-Saharan tropical East African countries due to the associated mycobiota and their degradative enzymes. *Mycopathologia* 150(2): 67-84.
41. **Ismail M.A.**, Abdel-Hafez S.I.I. & Moharram A.M. 2002. Aeromycobiota of Western desert of Egypt. *African Journal of Science and Technology* 3(1):1-9.
42. Abdel-Ghaffar S.A., Mpango G.B., **Ismail M.A.** and Nanyonga S.K. 2002. Synthesis, characterization and antifungal activities of some benzenesulphonylamino acid derivatives. *Bollettino Chimico Farmaceutico* 141(5):389-393.
43. **Ismail M.A.**, Taligoola H.K. and Ssebukyu E.K. 2003. Mycobiota associated with maize grains in Uganda with special reference to aflatoxigenic aspergilli. *Journal of Tropical Microbiology* 2: 17 – 26.
44. Taligoola H. K., **Ismail M. A.** & Chebon S. K. 2004. Mycobiota associated with rice grains marketed in Uganda. *Journal of Biological Sciences* 4 (1): 271 – 278.
45. **Ismail M. A.** 2004. Enhancement of growth of fungi commonly associated with passion fruits (*Passiflora edulis* Sims) on media of passion origin. *Journal of Tropical Microbiology* 3: 84-87.
46. Nemmat A. Hussein & **Ismail M. A.** 2005. Mycobiota associated with socks and their response to the antifungal agent Henna powder. *Assiut University Journal of Botany* 34 (2): 253-266.
47. **Ismail M. A.** 2006. Inhibitory effects of Na-hypochlorite and heating on the mycobiota associated with fruits or juice of passion (*Passiflora edulis* Sims) in Uganda. *Mycobiology* 34 (2): 92 - 98.
48. Ismail M. A., Al-Hussaini A. K., Moharram A. M. and Gharamah A. A. 2007. Microbial endophthalmitis in Upper Egypt. 2nd Pan African Medical Mycological Society Conference (PAMMS 2007), CTICC, Cape Town, South Africa, 6-8 May 2007.
49. Ismail M. A., Taligoola H. K. and Rebecca Nakamya 2008. Mycobiota associated with baby food products imported to Uganda with special reference to aflatoxigenic aspergilli and aflatoxins. *Czech Mycology* 60(1): 75–89.



50. Darwish S. M. I., Yousef N. M. H. and Ismail M. A. 2008. Microbiological quality and elemental analysis of some ready-to-eat meat products. *Journal of Agricultural Sciences (Mansoura University)* 33 (8): 5601-5613.
51. Al-Hussaini A. K., Moharram A. M., Ismail M. A., Gharamah A. A. 2009. Human microbial keratitis in Upper Egypt. 3rd Pan African Medical Mycological Society Conference (PAMMS 2009), Abuja, Nigeria, 25-27 February 2009.
52. Moharram A. M., Ismail M. A., Al-Hussaini A. K. and Gharamah A. A. 2008. Enzymes and toxins from bacteria and fungi of keratitis origin and the fungal sensitivity to some therapeutic agents. 3rd Pan African Medical Mycological Society Conference (PAMMS 2009), Abuja, Nigeria, 25-27 February 2009.
53. Abdel-Hafez S. I. I., Ismail M. A., Nemmat A. Hussein & Nivein A. Nafady 2009: The diversity of *Fusarium* species in Egyptian soils, with three new record species. The first International Conference of Biological Sciences, Faculty of Science, Assiut University, Assiut, Egypt, March 4-5th 2009.
54. Ismail M. A., Abdel-Hafez S. I. I., Nemmat A. Hussein & Nivein A. Nafady 2009: Monthly fluctuations of *Fusarium* species in cultivated soil, with a new record species. The first International Conference of Biological Sciences, Faculty of Science, Assiut University, Assiut, Egypt, March 4-5th 2009.
55. Ismail M. A., Taligoola H. K. and Rebecca Nakamya 2009. Incidence of xerophilic mycobiota, *Fusaria* and nephrotoxic penicillia in some cereal baby foods products imported into Uganda. (sent to JBAM, AUMC on 31 March 2009).

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