

CURRICULUM VITA

Prof. Dr. Mohamed Eid A. Megeed



Name: Prof. Dr. Mohamed Eid Abdel Megeed

Graduate Education:

Ph. D. **1982** Environmental Microbiology, Royal University, Dept Microbiology and Microbial Ecology, Copenhagen, **Denmark** and

Cairo Univ.

M.Sc. **1978** Microbiology, Cairo University, Dept Bacteriology.

Undergraduate Education:

B.S. **1972** Soil Science, Cairo University, Soil Science Dept.

Languages: Arabic, English

Citizen: Dual citizen of both USA and Egypt

Personnel: Born April 13 1950

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Position Held During the Last 10 years

1. Director of Technology Management and Commercialization Office, Agricultural Research Center, Egypt from 2001
2. Member, Board of Directors, Egyptian Environmental Affairs Agency (EEAA)- Current
3. Member of Egyptian delegates to UN-Sustainable Development Committee (16th meeting) NY, June 2008
4. Member of National Biosafety Committee (Min Agriculture)
5. Chair of the Taskforce for Genetic Resources Policy Initiative (GRPI-Egypt, IPGRI-CGIAR). 2001- now
6. Vice Chairman, National Agency for Remote Sensing and Space Sciences (NARSS), Min Scientific Research and Technology, Egypt 2000-2002
7. Head of Technical Support, Nutribiotech LLC, Arizona, USA , 1996- current
8. Biotechnology and Biorefinery Consultant, Industrial Modernization Center, Ministry Of Trade and Industry, Egypt
9. Co-Founder of Biotechnology Program, Montana State University, USA, 1994- current
10. Coordinator for Intellectual Property Rights Activities Project for Ministry of Agriculture and Land Reclamation (IPRA) A USAID project, 1999-2005
11. Member of Technology Expert Committee of African Union (Biotechnology,

Biodiversity, and Biosafety) 2003

12. Consultant for the Arab Organization for Agricultural Development, Khartoum, Sudan in the area of genetic resources legislations and policies in the Arab world Run awareness programs to identify rights of researchers regarding IPR
13. Technology Transfer Consultant for FAO-RNE

Past Employment History:

1. **Executive Director of Biotechnology and Medical Industries Boards** Technology Development Program, Information and Decision Support Center (IDSC), Cabinet Ministers. **1994-1999 Responsibilities:**

- a. Setting up and supervising the activities of both Biotechnology and Medical Industries Boards to facilitate their access to both the governmental information and the officials. Our goals are to make sure that legislators work in harmony with the private sector to create the right environment for prosperity of high tech industries in Egypt.
- b. Exploring financial supports available from both Egyptian government and international programs (USAID, IESC, UNDP, etc.). Our goals are to boost the technological and the exporting capabilities of Egyptian small businesses.
- c. Conducting and supervising essential studies needed to enhance setup high tech private industries and help them integrating in within the international market.
- d. Designing programs and mechanisms to facilitate technology transfer, technology spin-off from research and technology generating centers to business community.
- e. Designing workshops and training programs to enhance the creativity and the entrepreneurial spirit of young start-up and small business. The programs should also designed to help in capacity building efforts of the local industries to be able to absorb high tech.

2. **Program Scientific Officer (PSO) 1997** Manufacturing Technology Centers (MTC), US-AID Responsibilities:

- a. Identifying policy issues for the program
- b. Advising on technical aspects of technology enhancement with the Egyptian private sector.
- c. Database cataloguing the Egyptian Expertise in Technology Transfer and adaptation.

Patents Granted: Holder of the following patents:

1. **US Patent 4 889 110, 1989**
2. **US Patent 4 897 350, 1990**
3. **US Patent 5 147 441, 1992**
4. **US Patent 6 066 343, 2000**

Strategic Studies

1. Biotechnology Industry Strategy for Egypt, IMC 2008

2. Business Plan to setup a biofuel technology center in Egypt, UNIDO, 2008
3. Genetic Resources Legislations Guide in Arab World” for Arab Organization for Agricultural Development, Arab League, Sudan, 2003
4. Biotechnology Status in North Africa Region, African Union, Benin, January 2004
5. Technology Transfer in FAO-RNE Region, April, 2004
6. Intellectual Property Rights Policy for Agricultural Research Center, Published by ARC, 2002
7. Technology Development, Potential and National Security, published by Al Ahram, 2001
8. Problems and Obstacles Facing Technology Development in Egypt, published by Information and Decision Support Center, Cabinet Ministers, 1996.
9. Investment Opportunities in Biotechnology, published by Information and Decision Support Center, Cabinet Ministers, 1995
10. Executive regulation of the Book 4 of the law 82/2002 (Protection of Intellectual Property Rights)
11. Office Operation System, Technology Management and Commercialization Office, ARC
12. National Strategy for Biotechnology Industries, IDSC, 1996
13. Policy for Technology Management and Commercialization for Research Center, ARC 2001
14. Setup a Successful Small Business (Translation)
15. Mission, Goals and Structure of the Egyptian Space Agency, National Authority for Remote Sensing and Space Sciences, 2003
16. Managing Space Programs, Agency, National Authority for Remote Sensing and Space Sciences, 2005
17. Office of Technology Transfer and Intellectual property (OTTIP), setup, mandates, plan of work, and implementation plan, Agricultural Research Center, 2000

Resource person:

1. Fueling the future using the agricultural products, The Second Field Crops Conference, Giza, Egypt Oct 14-16. 2008
2. Integration of TRIPS agreement into national legislations for WTO membership. A training program for Iraq’s national committee for WTO negotiation, Amman Jordan, September 28-October 5, 2005
3. Intellectual property, technology transfer and management within ASARECA (Association for Strengthen Agricultural Research for East and Central Africa), August 1-5, 2005, Entebbe, **Uganda**
4. Implementation of Genetic Resources Legislations Guide in the Arab World, Arab Organization for Agricultural Development, **Tunisia** June 24-26, 2005
5. New Initiative for Partnership for Africa Development, NIPAD Ministerial Final

- planning meeting, Accra, **Ghana**, May 1-2, 2005
6. Strengthening the Negotiation Capacity for TRIPS Agreement for Arab Countries, **Doha**, Nov 2004
 7. Biodiversity conservation during agricultural transitions towards sustainability, DIVERSITAS, **Alexandria, Egypt** May 10-13, 2004
 8. Technology Transfer Workshop in RNE Region, FAO-RNE, Muscat **Sultanate of Oman**, April 2004
 9. Technology Transfer Workshop in Mashraque Region, FAO-RNE , Amman **Jordan**, April 2004
 10. Biotechnology in North Africa, African Union, Science and Technology Committee, **Benin**, January 2004
 11. Egyptian Technology Transfer Experience, 3rd conference US-Africa Biotechnology Partnership, Abadan, **Nigeria** November 2003
 12. Genetic Resources Conventions and Legislations in Arab World, International Conference on Sustainable Agricultural Development and Environment in Arab World, Oman, **Jordan**, 14-16 October, 2003
 13. Protection of New Plant Varieties, A Working meeting to Strengthen Capacity for Developing Policies Affecting Genetic Resources, Rome, **Italy**, September 5-7, 2003.
 14. Conservation of Genetic Resources on-farm, IPGRI, Marrakech, **Morocco** March, 2003
 15. Plant variety Protection and IPR law, Conference on IPR, Bani Sweif Collage of law, Cairo University, **Egypt** Feb., 2003
 16. Social, Ethical and Legal Implications of Advance Research on Genetics and Molecular Biology, Intellectual Property Rights and Biotechnology Research, UNISCO, **Sudan**, April 2002.
 17. Intellectual Property Rights and enhancing Technology Development, Al –Azhar University, **Egypt** May 2002.
 18. Intellectual Property Rights and Human Health and Environment, Cairo **Egypt** July 2002.
 19. Plant Genetic Resources and Intellectual Property Rights, AHED Society, Cairo **Egypt** Sept 2002.
 20. Legal aspects for variety protection, Fac Law, Monofyia University, **Egypt** , 2002
 21. Agricultural Technology and Protection of Intellectual Property, Collage of Law, Cairo University, **Egypt** , 2002
 22. Researcher rights and Institution Development, Society of Mother and Infant Care, Cairo **Egypt** Sept 2002.
 23. Institution Development Needed for Intellectual Property, Center for Intellectual Property Rights Studies, IDSC, Cabinets, Cairo **Egypt** November 2001
 24. Intellectual Property in Agriculture, Ahram Training Center, **Egypt**, 2001
 25. Innovations and Future of Egyptian Juniors, Ahram Science Club **Egypt**. 2001

26. Ethics of Biotechnology in Agriculture, Society of Software Development, **Egypt** 2001

Post PhD Education and Training

1. Capacity building in Genetic Resources Policy options, Rome, **Italy** Feb 22-26, 2005
2. Global Training of Trainers Workshop on Law and Policy of Relevance to the Management of Plant Genetic Resources, IPGRI, ISNAR, CGIAR, SGRP,FAO, InWEnt, GTZ, Leipzig-Zschortau, **Germany**, 19-24 July 2004.
3. A working Meeting to Strengthen Capacity for Developing Policies Affecting Genetic Resources, Rome, **Italy**, Sept 5-7, 2003
4. Conservation and accessibility for genetic resources-on farm use, Marrakech, **Morocco**, Feb 2003.
5. General and project Management, American University, Cairo, 1999
6. Management of Technology, University of Miami, Collage of Engineering, and Dept of Commerce, **USA**, 1997
7. Intellectual property rights, The Union for Arab Lawyers, 2000
8. Management of Intellectual Property Rights, Michigan State University, 2001
9. Intellectual Property Right, IIE, and Nathan Associate, 2001
10. Issues in the adjudication of intellectual property rights, National Judicial Studies, Egypt, and Dept of Commerce, USA, 2002
11. Policy support for genetic resources conservation, Marrakech, Morocco 2003
12. Logistic Aspects of Technology Transfer, USAID/NARP Project, August 1995.
13. Intellectual property Right Protection and Technology Transfer Michigan State University and US-AID (APRP program). April 1999
14. Article 27.3(b) of the TRIPS Agreement. UPOV-WIPO-WTO and The Protection of Plant Varieties May 1999.
15. Implementation & Monitoring of P2 Applications. Conducted by Energy Conservation & Environment Project, Environmental Pollution Prevention Project, US-AID. April 1996
16. Business/Research Linkage, Federal Small Business Innovation Research Program (SBIR) and the Small Business Technology Transfer Program (STTR), Montana, USA April 1993.

Scientific History

1. Postdoc at Plant Pathology Dept., Montana State Univ. USA July 1983-Feb 1989
2. Assoc. Research professor of Biotechnology Feb,1989-October 1994 Plant Pathology Dept, Montana State Univ, and consultant for microbial inoculant production United Agri Products, USA
3. Adj. Professor of Microbiology, Plant Pathology Dept., Montana State University,

USA, October 1994-2003.

4. Professor and Head of Research, Soil, Water and Environment Res. Inst., Agriculture Research Center, Egypt, 1993.
5. Research Associate and Ph D program student, Royal Vet. & Agric. Univ., Copenhagen, Denmark and Cairo Univ., Egypt.

Teaching Experiences:

- Introduction to Biotechnology P&S, PLP, VTMB 280 Montana State University
- Soil Microbiology P&S 401, Montana State University, USA.

Invited Guest Speaker and International Conferences:

1. Association for University Technology Manager, AUTM, Phoenix, Arizona, Feb1-5, 2005
2. International Association for Biotechnology, Houston, Texas, USA, 1997
3. International Food Technology, Miami, Florida, USA, 1997
4. International Association for Biotechnology, Seattle, Washington, USA, 1999
5. International Meeting in Nitrogen Fixation, Minneapolis, Minnesota, USA, 1992
6. American Society of Microbiology, New Orleans, Louisiana, USA, 1990
7. International Conference on Management of Technology and New Materials, Cairo, 1998
8. Regional Biosafety Workshop, Cairo Jan 31- Feb 2, 1999 organized by US-AID Egypt Science&Technology Board
9. International Marketing Bus 341, Montana State University (1992, 1993 and 1994).
10. International Wheat Committee, Great Falls, Montana, 1984.
11. Montana State University honor program 1993 and 1994.
12. Egyptian/French Workshop on Nitrogen Fixation, August 1994.

Procedures and Pilot Scale Production Manual:

"In situ" Production Technology, Quality Control Protocol and Operation Manual for Inoculant Production Line

For: Yellowstone Valley Chemical, Inc., United Agri Products, ConAgra, USA

Industrial, Technology transfer and Biotechnology Experiences:

- Consultant for Piemonte Company, Bremerhaven, Germany
- Partner and Technical Support Consultant for Nutribiotech LLC, Arizona, USA
- Managing partner of Sphinx Biotechnology-Egypt company, 1995
- The activities of this company are to promote technology transfer from USA to Egyptian small businesses and setup connection between interested Egyptian businessmen and site of technology at the American side
- Consultant for Careless Creek Inc., Billings, Montana, USA 1995
- Consultant for Langmont Inc., Bozeman, Montana, USA 1995, For small business

activities and technology transfer management.

- Consultant for United Agri Products/ConAgra, USA (Establishing of an inoculant production facility for Titre Inc., USA)

Publications:

Publisher of 29 of peer reviewed scientific papers.