

## **CURRICULUM VITAE of Prof. Mahmoud M. Sakr**



### **Current Position:**

- 1-Vice President of Academy of Scientific Research & Technology (ASRT)
- 2-Biotechnology Project Officer, STDF, Egypt

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### **Education:**

B.Sc. Botany 1987 (Excellent with honors), Faculty of Science, Tanta University, Egypt.  
M.Sc.1992 (Botany: Plant Tissue Culture), Faculty of Science, Tanta University, Egypt.  
Ph.D.1995 (Cytogenetics: Plant Molecular Biology), Faculty of Science, Tanta University, Egypt.

### **Former Positions:**

- 1-Head of Genetic Engineering & Biotechnology Division, November, 2008-November, 2009.
- 2-Director of Center of Excellence for Advanced Sciences, Feb., 2008-November, 2009
- 3-Coordinator of Nobel Project, National Research Centre (April, 2006-Feb., 2008)
- 4-Founder & Head of Plant Molecular Genetics Group (PMGG), since March, 2006
- 5-Professor of Plant Biotechnology since February, 2006.
- 6-Associate Professor, Plant Biotechnology Dept., (Feb., 2001 –Feb., 2006)
- 7-Researcher, Plant Cell & Tissue Culture Dept., (1995 - Feb., 2001)
- 8-Associate Researcher, Plant Cell & Tissue Culture Dept., (1992- 1995)
- 9-Researcher Assistant, Plant Cell & Tissue Culture Dept., (1988-1992)

### **Scientific Awards:**

- 1-State Prize for scientific encouragement in advanced biotechnology, (1999)
- 2-National Research Center Prize for scientific encouragement in biology, (1998)
- 3-National Research Centre Prize for Scientific superiority in biotechnology, (2009)

### List of Publications

- Saker, M.M.**, Ghareeb, H. and Kumlehn, J. (2009): Factors influencing transient expression of Agrobacterium-mediated transformation of gus gene in embryogenic callus of date palm. *Adv.Hort. Sci.* 23(3): 150-157.
- Adawy, S.S., **Saker, M. M.**, Haggag, H. W. and El-Itriby, A. H. (2008): Amplified Fragment Length Polymorphism (ALFP) based molecular analysis of Egyptian barley lines and landraces differing in their resistance and susceptibility to leaf rust and net blotch diseases 1/ *Landbauforschung - vTI Agriculture and Forestry Research* 1/2 2008 (58):125-134
- Saker, M.M.**; H. A. Hussein; Neama H. Osman and M.H. Soliman (2008): *In vitro* production of transgenic tomatoes expressing defensin gene using newly developed regeneration and transformation system. *Arab J. Biotech.* 11(1): 59-70
- Al Nagggar, A.M., **Saker, M.M.**, Shabana, R., Ghanem, S.A., Reda, A. And Eid, S. (2008): *In vitro* selection and molecular characterization of salt tolerant canola plantlets. *Arab J. Biotechnology* 11 (2): 207-218.
- Saker, M.M.**, Adawy, S.S. and Smith, M. (2008): Entomological and genetic variation of cultivated barley (*Hordeum vulgare*) from Egypt. *Archives of Phytopathology and Plant Protection*. *Archives of Phytopathology and Plant Protection*, 41(7): 526 – 536 .
- Rabah Forar Laidi, M. Sifour, **Sakr, M.M.** and Hocine Hacene (2008): A new actinomycete strain SK4-6 producing secondary metabolite effective against methicillin-resistant *Staphylococcus aureus*. *World J. Microbiol Biotechnol.* 24: 2235-2241
- Haggag, Wafaa, M., **Saker, M.M.** and Mahmoud A. Ibrahim (2007). Biological, biochemical and molecular characteristics of Some *Tilletiopsis* spp. with distinct potential against grape powdery Mildew. *Plant Protection Bulletin* 49:39-56.
- Saker, M.M.**, S. S. Adawy, A. A. Mohamed and H. A. El-Itriby (2006): Monitoring of cultivar identity in tissue culture-derived date palms using RAPD and AFLP analysis. *Biologia Plantarum* 50 (2): 198-204.
- Gaafar, R. and **Saker, M.M.** (2006): Monitoring of cultivar identity and genetic stability in strawberry varieties grown in Egypt. *World J. Agricultural Sciences* 2 (1):29-36.
- Saker, M.M.**, S.M. Abdallah, S.S. Youssef, H.A. Moursy and A.M. El Sharkawy (2006): Development of Transformation System for Some Egyptian Rice Genotypes Using Particle Bombardment. *American-Eurasian J. Agric. & Environ. Sci* 1(1): 7-13.
- Saker, M.M.**, Mai A. Allam, Abd EL-Zaher M.H. and Amina, H.G. (2006): RAPD analysis of semi dry Egyptian date palm during somatic embryogenesis. 1st Egyptian-Jordanian Conference on Biotechnology, 11-14 December, 2006, P92-103.