



CURRICULUM VITAE OF NAHED A. A. IBRAHIM

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Educational qualifications

B.Sc.(Biochemistry), Faculty of Science, Ain Shams University, Egypt. 1981

M.Sc. (Biochemistry/chemistry). Faculty of Science, Menofia University, Egypt. 1995. The title
of the thesis: Molecular and Biochemical studies on local isolates of bacterium
Agrobacterium tumifaciens.

Ph.D. (**Biochemistry / Molecular biology**) Faculty of Science, Cairo University, Egypt, **2001**.
The title of thesis: Production of genetically modified strains of bacteria *Bacillus
thuringiensis*

Research interest

- Plant-microbe interaction for Bio-control and Biological Nitrogen Fixation.
- Microbial molecular biology in the field of Insecticidal Biotechnology, specially *Bacillus thuringiensis* and biological nitrogen fixing bacteria
- Fermentation work for production of biomass of bacteria and Production of Biopesticid and Biofertilizer compounds

Current position

Head of Division of Microbial Molecular Biology (Associate Professor), Agricultural Genetic
Engineering Research Inst. ARC, Giza, Egypt.

Patents :Academy of Scientific Research and Technology patent office.

- 1- Primary no: 2003040335 on biopestecid for killing lepidopteron insect.
- 2- Primary no: 2003100973 on a bioagent that has dual function, biological-control of lepidopteron insects and nitrogen-fixing

publications in the last five years

- Nahed Abdel Ghaffar A. I., Sameh H., and Salah A. Moustafa. (2004). Characterization and molecular detection of crystalliferous *Bacillus thuringiensis* strains from Egyptian habitats. *Proceed. Int. Conf. Gene. Eng. & Appl.*, April:13-25
- Nahed, A. A. Ibrahim, O. S. Hassan and M. N. A. Omar. (2006). Protection of cotton plant (*Gossypium barbadense*) against lepidopteran insects due to colonization with nitrogen fixing bacteria expressing the *Bacillus thuringiensis* toxin gene *cry1C*. *Egypt. J. Genet. Cytol.* 35: 305-319
- Nahed, A. A. Ibrahim, H. M. M. EL Sheshtawy and S.A. Moustafa. (2006). Process Optimization to improve toxin-protein Yield with Genetically engineered *Bacillus* strain tNMO10. *Proceed. 2ed Int. Conf. Gene. Eng. & Appl.*, Novembr: 1-9
- Nahed, A. A. Ibrahim, S. Moustafa, B. M. Abdel-Wahaab and S. A. Moustafa. (2006). Partial isolation and molecular characterization of *Gln B* gene from the bacterium *Azospirillum brasilense* local isolate NO40. *Proceed. 1st Int. Egyptain-Jordanian Conf. Biotech. Sustainable Development: Current status and Future Scenarios. Microbial Biotechnology*:3, 1-5
- Ibrahim, N. A. A., Y. A. El-Zawahry, G. Ahmed and S. H. El-Moslamy. (2007). Isolation, Identification and Molecular characterization of halo and thermo tolerant bacteria from Costal ridge of Mediterranean in Egypt. *Egypt. J. Genet. Cytol.* 36:341-353
- Nahed, A. A. Ibrahim, Abdel Fattah A. I., and Abdel Reheem H. (2008). Isolation of bacteria *Clavibacter Xyli* ssp *xyli* and production of polyclonal Antibodies against it for detection of Ratoon stunting disease in sugarcane crops. Reaserch development innovation: Biotechnology in the Arab world forum (Jordon). 3A-1-7:51
- Nahed Abdel Ghaffar A. Ibrahim, Sanna A. Osman, Mohamed S. Salama and Magdy A. Madkour. (2008). Construction of a potent strain of *Bacillus thuringiensis* against the cotton leaf worm *Spodoptera littoralis*. (*Landbauforschung*) *German J. Agriclture and Forestry Research.* 58: 111-123
- Nahed, A. A. Ibrahim and M. N. A. Omar. (2009). Expression of the insecticidal protein gene *cry1C* of *Bacillus thuringiensis* in the plant-colonizing nitrogen fixing bacteria. *Pest Technology, Global science Books.* 3: 45-49
- Hssien, A., Nahed, A. A. Ibrahim, Aldebis, H. K., Vargas Osuna, E. (2009). Evaluacion insecticida de la bacteria transformada *Bacillus polymyxa* (Prazmowski) que expresa la toxina Cry 1C de *Bacillus thuringiensis* para el control de *Spodoptera littoralis* (Boisduval) en algodón. VI Congreso Nacional de entomología aplicada, Palma de Mallorca. P:185
- Mohamed Nabil A.Omar, Mohamed Yossef, Magrabi, Nahed Abdel Ghaffar A. Ibrahim. (2009). Simultaneous detection of *Escherichia coli* 0157:H7, *Listeria monocytogenes*, *Salmonella typhimurium* by Multiplex PCR in food. *The 2nd international conference for application of biotechnology-MSA-Egypt*