Curriculum Vitae Report

Personal Data

Name : **Kamel Mohamed Ata Abd Elmohymen Elhalag**
Address : Flat 46 – C1 –Utopia City compound – Giza-Egypt
E-mail : kamel_moon_82 @yahoo.com
Mobile No : +2 01015153039

Date of Birth : 19 / 11 / 1982
Nationality : Egyptian

Education

June 2003 : BSc in Science, Botany Department (Microbiology & Chemistry), Benha University, Egypt
Grade : Very Good with honor
October 2005 : Pre-MSc in microbiology.
September (2008): MSc in Botany- microbiology - Benha University, under the title**:**
Studies on the interaction between potato brown rot bacterium and root exudates in certain crops.

Last Education

May (2014):- PhD in Botany- Microbiology and plant pathology- Benha University, under the title: **Strengthening the efficiency of *Stenotrophomonas maltophilia* in controlling bacterial wilt of potato.**

Published articles

May 2008: Hassan M. Emara, Safwat A. Elhadad, Mahmoud A. Swelim and **Kamel M. Ata (2008) Effect of β- Amino Butyric Acid On the causative agent of potato brown rot in potato and tomato plants.** *Egyptian journal of applied science* Vol. 28 No. 6 A.

August 2010: Hassan M. Emara, Safwat A. Elhadad, Mahmoud A. Swelim and **Kamel M. Ata (2010) Effect of soil amendments with different chemical inducers on the pathogenicity of *Ralstonia solanacearum* to tomato and potato plants.** *The African Journal of plant science and biotechnology. ISSN 1752-3931* vol **(4)** pages: 42-46.

Mars 2015: **Kamel M. Elhalag**, Hassan M. Emara, Nevein A. S. Messiha, Safwat A. Elhadad and Suzan A. Abdallah (2015) **The Relation of Different Crop Roots Exudates to the Survival and Suppressive Effect of Stenotrophomonas maltophilia (PD4560), Biocontrol Agent of Bacterial Wilt of Potato,** *journal of phytopathology, Received: July 22, 2014; accepted: February 6, 2015. Published 21 Mars 2015,* doi: 10.1111/jph.12381, 163: 829-840**.**

Febreuary 2016**: Kamel M. Elhalag**, Nevein A. S. Messiha, Hassan M. Emara and Suzan A. Abdallah (2016) **Evaluation of antibacterial activity of *Stenotrophomonas maltophilia* against *Ralstonia solanacearum* under different application conditions.** *Journal of applied microbiology* 120, 1629-1645.

Training Courses and work shops

2003 – 2004 :- Benha University Hospital, 6 – month in clinical bacteriology department.

- Human parasite detection.
- Blood and urine culture.
- Sensitivity of human bacteria to different antibiotics.

2004 – 2005 :- **Potato Brown rot Project** - Agriculture research centre**,** 6- month in:

- Bacteriological research (Soil infestation, pathogenicty test, isolation and identification of *Ralstonia solanacearum* (the causal pathogen of potato brown rot)
- Immunofloresence microscope assays (IFAS).
- PCR assay (Conventional).
- Horizontal electrophoresis for detection of pathogenic bacteria.
- Real time PCR 7500 (Applied Bio system) for detection of pathogenic plant bacteria.

2012: Training course in **risk analysis on *Dickeya solani*** offered by French agency for food, environmental and occupational health safety in Egypt.

2014: Training on operation, maintenance equipment name or model **DCode Universal Mutation System (DGGE)** from Bio- Rad Company.

2015: Training course in **plant variety protection** held in Wageningen University, Netherland.

2015: Training course in **DNA sequencing and fragment analysis** held in Thermo Fisher scientific company, Scotland, UK.

2015: Training course in **lost harvest and wasted food** held in Wageningen University, Netherland.

2016: Work shop on WTO Agreement on the application of sanitary and phytosanitary measures held in Cairo- Egypt.

2017: Work shop on Xylella fastidiosa regulation status and the Phytosanitary measures implemented to face the disease and their vectors in Egypt.

Working experience

2005 – 2008 : **Assistant researcher-** Bacterial disease research department (Potato Brown rot Project), Plant pathology research Institute- Agriculture research centre (Dokki, Giza, Egypt).

2008 – 2014 : **Researcher assistant**- Bacterial disease research department (Potato Brown rot Project), Plant pathology research Institute- Agriculture research centre (Dokki, Giza, Egypt).

2012 - 2015 : **Researcher** – Environmental friendly program for controlling potato brown rot in Egypt funded by STDF 2905 (national grant- Egypt).

2014- till now: **Researcher**- Bacterial disease research department (Potato Brown rot Project), Plant pathology research Institute- Agriculture Research Centre (Dokki, Giza, Egypt).

2016-2017: Quality Manager of Potato Brown Rot Project according to the requirements of ISO 17025.

Responsibilities:-

- Dealing with diagnosis, screening and maintaining brown rot disease in potato in the benefit of Egyptian phytosanitation.
- Screening and maintenance of pest free area in which potato are planted and then exported all over the world.
- Research on the best methods for controlling of potato bacterial wilt disease in Egypt.
- Different cultural method for bacterial identification such as *Ralstonia solanacearum*.
- IFAS (imunoflurescent antibody staining).
- PCR Assay (conventional PCR) Biometra from Applied biosystems.
- DNA extraction by automated DNA Extractor from Applied Bio systems.
- Real time PCR 7500 from Applied Biosystems for detection of the causing pathogen of Potato Brown Rot (*Ralstonia solanacearum*).
- Bioassay test.
- DNA Sequencer for identification of different soil microbes (Bacteria, Fungi and Actinomycetes)
- Electrophoresis & finger printing.
- HPLC
- DGGE Assays
- Quality manager of PBRP for assuring the test results in project labs according to the requirement of ISO 17025.

Interests &Skills:

- Very good in using computer (windows, PowerPoint word, &Excel).
- Very good spoken and written English where TOEFL Test Score (2014) was 526
- Efficient Internet search skills.