


CURRICULUM VITAE**PERSONAL DATA**

Full Name Wael Sayed Mohammed Ahmed
Date & Place of birth 1/9/1980 – Cairo
Nationality Egyptian
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Occupation Work Address
 Current address (September-June)

Lecturer.
 Date Palm Research Center of Excellence,
 King Faisal University, College of
 Agricultural & Food Sciences, KSA.

Home address (July - August):

Associate Researcher.
 Molecular Biology and biotechnology
 Unit, Dep. of virus and mycoplasma, plant
 Pathology Res.Inst, Agricultural Research
 Center (ARC), Egypt.

EDUCATION DATA

Scientific Degree	University	Total grade	Graduation Project
B.sc. agriculture 2003 in Biotechnology	Al-Azhar, faculty of agriculture.	Very good.	Rapid Clonal Propagation of Banana using Tissue Culture Technique and Preservation of Adventitious Bud by using Wax and Preservation Solution.
M.Sc Genetic Engineering and Biotechnology 2008 in Plant Biotechnology.	Genetic Engineering and Biotechnology Institute	Very good.	Development and standardization of rapid and sensitive viral detection methods based on molecular biology for the diagnosis of some potato viruses.

CAREER or Employment History

- Associate researcher in the Molecular Biology and Biotechnology Unit, Virus department, ARC Egypt (from 2003) (My current government work).
- Clinical Biochemist (from 10th Oct. 2005) (Current work in the private Sector).
- Agricultural specialist in Plant quarantine at Cairo airport (from 2009 to 2010).
- Jan. 2011- Till Now: Lecturer, King Faisal University, College of Agricultural & Food Sciences, KSA.
- Working in the project “Phytoplasma disease in Date palm in Saudi Arabia” funded from King Abdulaziz City for Science and Technology (KACST).
- Aug. 2012- Researcher in Red Palm weevil Chair, King Faisal University, College of Agricultural & Food Sciences, KSA.
- Aug. 2014- Lecturer in Date Palm weevil Research Center of Excellence, King Faisal University, KSA.
- Nov. 5-6 2014 (12&13 Muharram,1436), Attendance workshop on Agricultural Waste & Environment Protection Promising Economic Opportunities AL Ahsa InterContinental, Saudi Arabia
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SPECIFIC SPECIALIZATION

Molecular biology and Biotechnology.

PRACTICAL TRAINING

- International Attendance in the workshop done at Cairo-Egypt for training on Agrobacterium-mediated transformation at 22 July 2005.
- Practical training in Tissue culture Lab. At El-Tahreer Square.
- International Attendance in the Bio Vision Alexandria 2008.
- Training workshop in ISO 9001: 2008 (Awareness) held Nov. 25, 2012.
- Training workshop in Lab management according to ISO 17025: 2005 held from Dec. 18-20, 2012.
- Training workshop in Lab. safety held from Jan. 16-17, 2013.

- Training workshop in Application of quality procedures in lab held from May. 5-6, 2013.
- International Training Workshop on Seed Potatoes Multiplication and Diseases Integrated Control Techniques in Virus-free Seedling Research Institute of HAAS in China for 20 days from June 29 to July 18, 2015 in Harbin, China

PROFESSIONAL SPECIALIZATION & EXPERIENCE

- Very good experience in basic molecular biology and biotechnology.
- Very good experience in the molecular biology techniques in the field of virology, such as, isolation of total nucleic acid (DNA & RNA), identification, and diagnosis of viruses using PCR, RT-PCR, IC-RT-PCR, and multiplex PCR techniques, nucleic acid hybridization western blotting, southern blotting, and northern blotting, etc.
- Good experience in molecular cloning, Gene Expression, (using molecular biology techniques).
- Very good in basic plant tissue culture techniques.
- Very good experience in virus diagnosis using serological methods such as, western blotting and direct & Indirect ELISA.
- Good experience in the medical analysis (e.g. Para cytology (Urine & Stool), Blood chemist, Hematology (C.B.C, E.S.R, PT., PTT etc.....), Serology, Bacteriology and Real time PCR & ELISA.
- Many sequences are submitted and available now online at GenBank:
<http://www.ncbi.nlm.nih.gov/genbank/>

Computer Skills:

Very good Knowledge of MS Windows; software application (word processing, spread-sheets, Power point, communication; etc.....)

Published Abstracts Presented at Professional Meetings

Ibrahim A. I.; Mazyad H. M.; Hemeida A. A.; Amal Mahmoud; Soliman A. M.; El-Attar A. K. and **El-Araby W. S.** (2008). Comparative Study for The Detection Of Three Major Potato Viruses Using Several Molecular And Serological Methods. "New

Life Sciences: Changing Lives” Bio Vision Alexandria 12-16 April 2008, poster presenters pp. 2.

Publications

El-Araby W. S.; Ibrahim A. I.; Hemeida A. A.; Amal M. Hussein; Soliman A. M.; El-Attar A. K. and Mazyad H. M. (2009). Biological, serological and molecular diagnosis of three major potato viruses in Egypt. *International Journal of Virology*, 5 (2) : 77-88.

Abbas M. Al-Azab, Khalid M. Al-ghamdi, Khalid Al-hudaib, Ahmed A. Zaituon, Mohamed A. Shaheen and **Wael El-Araby**. (2013). Morphological and Molecular Identification of Dengue Fever Vector *Aedes aegypti* (Diptera: Culicidae) in Jeddah Governorate-Saudi Arabia. *Journal of Pure and Applied Microbiology*, Volume 7 No. 2 Page No. 1391-1400 Jun 2013

K. Alhudiab, **W. Alaraby** and A. Rezk. (2014). Molecular Characterization of Tomato Yellow Leaf Curl Disease Associated Viruses in Saudi Arabia. *International Journal of Virology*, ISSN1816-4900/DOI:10.3923/ijv.2014.

Alhudaib, K.A., Rezk, A.A., Al-Magaslah, M.I., **Al-Araby, W.S.** and Al-Hazoom, A.A. Tomato yellow leaf curl virus, complete genome. <http://www.ncbi.nlm.nih.gov/nuccore/KF561125.1> ACCESSION KF561125

Rezk, A.A., Alhudaib, K.A. and El-Araby, W.S. Tomato leaf curl Sudan virus isolate GB Hail, complete genome. <http://www.ncbi.nlm.nih.gov/nuccore/KF444467.1>

Rezk, A.A., Alhudaib, K.A. and **El-Araby, W.S.** Tomato yellow leaf curl virus clone Has3, complete genome. <http://www.ncbi.nlm.nih.gov/nuccore/KF435137.1>

Rezk, A.A., Alhudaib, K.A. and **El-Araby, W.S.** Tomato yellow leaf curl virus strain TYLCV-SA clone H52, complete genome. <http://www.ncbi.nlm.nih.gov/nuccore/KF435136.1>

Rezk, A.A., Alhudaib, K.A. and **Al-Araby, W.S.** Tomato yellow leaf curl Saudi virus isolate Hail1, complete genome. http://www.ncbi.nlm.nih.gov/nuccore/NC_022229.1

Rezk, A.A., Alhudaib, K.A., **El-Araby, W.S.** and Soliman, A.M. Watermelon chlorotic stunt virus isolate Alahsaa1 segment DNA-A, partial sequence <http://www.ncbi.nlm.nih.gov/nuccore/KC876038.15>

Rezk,A.A., Alhudaib,K.A., Soliman,A.M. and **El-Araby,W.S.** Watermelon chlorotic stunt virus isolate Jizan19 segment DNA-A, partial sequence.
<http://www.ncbi.nlm.nih.gov/nuccore/KC876037.1>

articipation in research project

A.S. Ahmed and Adel A. Rezk, 2015. Antibody Response and DNA Polymorphism Indicators among Local Saudi Chicken Lines and Other Commercial and Exotic Chicken Lines. *Asian Journal of Poultry Science*, 9: 31-40. (Lab RAPD technique).

Khalid Abdullah Alhudaib, Adel Abdel-Sabour Rezk, Babiker Mohamed Ahmed Abdel-Banat and Ahmed Mohamed Soliman, 2014. Molecular Identification of the Biotype of Whitefly (*Bemisia tabaci*) Inhabiting the Eastern Region of Saudi Arabia. *Journal of Biological Sciences*, 14: 494-500.

Member in the following current research project

- Production of Diagnostic kit for Cucurbit yellow stunting disorder virus (CYSDV) through Coat protein gene Expression.
- Molecular Biodiversity of Tomato Yellow Leaf Curl- Like Viruses in Saudi Arabia.
- Phytoplasma disease in Date Palm in Saudi Arabia.

Reference Professors

1- Prof .Dr./ Fawzy Ali Elfiki

Head of Biotech. Dept.

Cairo- Al Azhar Univ.-Faculty of Agric.-Nasr City

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2- Prof. Dr. Hamed Mazyad

Agriculture Research Center.

Department of Plant Virus &Phytoplasma

Plant Path. Research Institute.

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3- Prof.Dr. Aboul- Ata El- Nady Aboul-Ata

Prof. Phytovirologist and Dept. Head of

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