



## CURRICULUM VITAE

### Personal Informations

**Name** : Shokry Ramadan Atteia Bayoumi.

**Date of Birth** : August 27<sup>th</sup>, 1980

**Nationality** : Egyptian .

**Present post** : Lecturer

**Permanent Address** : Plant Pathology Department (Genetic Division), Faculty of Agriculture, Damanhour University, Damanhour,

P.O.Box 22516, El-Beheira, Egypt.

**Home Address**: King Osman, Kafr El-Dwar, El-Beheira, Egypt.

**Place of Birth**: Kafr El-Dawar **Gender**: male

**E-Mail** : [shokr80@yahoo.com](mailto:shokr80@yahoo.com)

**Marital Status**: Married **Tel: 002 045 3282623**

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### Education and Academic Qualification:

- **B.Sc. (June, 2001)**: General Agriculture Production Dept., Faculty of Agriculture, Damanhour Branch, Alexandria University, Egypt with general mention "Very good with honor".
- **M.Sc. (January, 2008)**: In Genetics, Faculty of Agriculture, Alexandria University, Egypt.  
**Title: "Genetic Instabilities in Maize Plant Tissue Culture".**
- **Ph.D. (August, 2014)**: In Genetics, Genetic Division, Plant Pathology Dept., Faculty of Agriculture, Damanhour University, Egypt.  
**Title: "Genetic analysis and identification of molecular markers linked to Fusarium ear rot resistance genes in maize"**

### Posts Held

- **Demonstrator (June, 2002 to April, 2008)**: Plant Pathology Dept. (Genetic Division), Faculty of Agriculture, Damanhour Branch, Alexandria University, Egypt.
- **Assistant Lecturer (April, 2008 to October, 2010)**: Plant Pathology Dept. (Genetic Division), Faculty of Agriculture, Damanhour Branch, Alexandria University, Egypt.

- **Assistant Lecturer(October, 2010toOctober, 2014):** Plant Pathology Dept. (Genetic Division), Faculty of Agriculture, Damanshour University, Egypt.
- **Lecturer(October, 2014 till now):** Plant Pathology Dept. (Genetic Division), Faculty of Agriculture, Damanshour University, Egypt.

### **Professional Research Experience**

1. Tissue culture techniques.
2. Molecular Biology: DNA and RNA Isolation, purification and using PCR.
3. Molecular marker techniques: such as RFLP, RAPD, ISSR, STS and SSR.
4. Application of molecular marker in plant breeding (breeding for resistance to plant diseases).
5. QTL analysis.
6. Differential display & qrt-PCR application

### **Research Interests:**

1. Plant Molecular Breeding for resistance to biotic and abiotic stress
2. Molecular Plant Pathology (Plant-Microbe Interaction)
3. Plant response to biotic and abiotic stresses
4. Plant Tissue Culture and Genetic Engineering

### **Teaching Experience**

#### **Teaching Assistant:**

- Demonstrated laboratory work for undergraduate courses: Plant Morphology & Anatomy, Plant Taxonomy, Plant Physiology, Bases of Genetics, Agricultural Microbiology, Population & Quantitative Genetics, and Mutation Genetics.
- Demonstrated laboratory work for postgraduate courses: Cytogenetics, Advanced Cytogenetics, Mutation Genetics, Genetic Techniques, and Advanced Genetic Techniques.

#### **Lecturer:**

1. Bases of Genetics
2. Population & Quantitative Genetics
3. Microbial Genetics
4. Genetic Techniques
5. Advanced Cytogenetics

### **Publication**

- 1- **Bayoumi, S. R.**, Abdel-Rahman, M. M., Milad, S. I. and Barakat, M. N. 2013. Genetic analysis of resistance to Fusarium ear rot in two maize populations. J. Agric. & Env. Sci., 12: 104-126.
- 2- M. M. Abdel-Rahman, **S. R. Bayoumi** & M. N. Barakat (2016). Identification of molecular markers linked to Fusarium ear rot genes in maize plants *Zea mays* L, Biotechnology & Biotechnological Equipment, 30: 4, 692-699.

- 3- EL-Argawy, E., I. A. Adss, **S. R. Bayoumi** (2017). Differential expression of induced resistance genes by abscisic acid (ABA) against potato early blight disease. Potato Journal, 44 (1), 16-27

**Computer Skills:**

- 1- Word, Excel, access, PowerPoint (ICDL v.4)
- 2- Statistical programs such as SAS, Costat, STATISTICA, SigmaPlot, GraphPad, Phylogeny, Past, MEGA, BioEdit and Mapmanager (QTX).

**Languages**

- 1- **English:** Very good, written and spoken (TOEFL ITP).
- 2- **Arabic:** fluent, written and spoken (native tongue).