

# Curriculum Vitae

Mahmoud Sabry Aboud Mohamed, MSc.



## Biographical:

**Name** Mahmoud Sabry Aboud Mohammed  
**Official address** Genetics Department, Faculty of Agriculture, Assiut Univ., 71526, Assiut, Egypt (permanent).  
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## Academic Records:

**2020 - present** Assistant Lecture at Genetics dept., College of Agriculture, Assiut University, Egypt.  
**Nov. 4<sup>th</sup>, 2019** Visiting Student Researcher (Mats Hanson lab) Biology Department, Faculty of Science, Lund University, Sweden.  
**Dec. 18<sup>th</sup>, 2019** <https://www.biology.lu.se/mats-hansson>  
**2015 – 2020** Demonstrator and master student at Genetics dept., College of Agriculture, Assiut University, Egypt.  
**2009-2013** Undergraduate student at Genetics dept. (Biotechnology program), College of Agriculture, Assiut University, Egypt.

## Education:

**2015 – 2020** M.Sc. in Agricultural Sciences (Biotechnology program), Very good degree, Faculty of Agriculture, Assiut University, Egypt.  
**2009 – 2013** B.Sc. in Agricultural Sciences (Biotechnology program), excellent with honor degree, Faculty of Agriculture, Assiut University, Egypt.

## Publications:

- **Aboud, M. S., El-Aref, H. M., Taghian, A. S., El-Fatah, A., & El-Farash, E. M. (2020).** Generation Mean Analysis and Molecular Markers for Drought Tolerance in Wheat during Germination and Seedling Stage. *Journal of Agricultural Chemistry and Biotechnology*, 11(3), 49-58. DOI: [10.21608/jacb.2020.84825](https://doi.org/10.21608/jacb.2020.84825).

## Technical & Research experiences:

- **Molecular Techniques:**  
Plant Tissue Culture Techniques, In Vitro micro-propagation in plants, DNA Extraction, RNA Extraction, and Profiling, PCR Techniques (RAPD, ISSR...etc.), qRT-PCR, sequencing, transformation, and Gel Electrophoresis.

- **Cytogenetics Techniques:**  
mitotic and meiotic divisions` stages preparation, Chicken C-metaphase chromosomes, Fish C-metaphase chromosomes.
- **Plant Breeding Techniques:**  
Hybridization and crossing in different types of plants, including measuring agronomical and physiological traits.
- **Projects:**  
participation in a project entitled “Molecular genetic dissection to understand and improve drought tolerance at different growth stages in spring wheat”. Project 39444. STDF, Egypt. (PI: Dr. Ahmed Sallam, [amsallam@aun.edu.eg](mailto:amsallam@aun.edu.eg)).
- **Software:**  
MSTAT-C, SAS 9.1, Gene Profiler, Karyotyping, Analyzer, Gel Documentation System. Sequencher, primer design programs (ex. Batch3 primer) and Clustal omega

### **Workshops and Training Programs:**

- 2019:** “Introduction to Critical Thinking and Basics Scholarly Communication”, Agriculture College, Cairo University, Egypt, on Octo. 7-9, 2019.
- 2019:** Workshop entitled "PCR AND ITS APPLICATION " (as a trainer), Agriculture College, Assiut University, Egypt.
- 2018:** Workshop entitled "Molecular Genetics & Biotechnology Seminar " (in the organization committee), Agriculture College, Assiut University, Egypt  
[http://www.aun.edu.eg/faculty\\_agriculture/MGBS/Tables.php](http://www.aun.edu.eg/faculty_agriculture/MGBS/Tables.php).
- 2017:** Plant Genetic Seminar (PGS) organized by Department of Genetics, Agriculture College, Assiut University, Egypt.
- 2013:** Training program “Employability Skills Track”

### **Workshops and Training Programs:**

- 2020:** Effective contribution in the organization committee of "2<sup>nd</sup> International Plant Genetics & Genomics Symposium", Oct. 20-22, 2020 Assiut University, Egypt - Zoom Online Symposium, [http://www.aun.edu.eg/faculty\\_agriculture/MGBS/index.php](http://www.aun.edu.eg/faculty_agriculture/MGBS/index.php)
- 2019:** Contribution in the organization committee of "International Plant Genetics & Genomics Symposium", Agriculture College, Assiut University, Egypt on October 14-15, 2019, [http://www.aun.edu.eg/faculty\\_agriculture/MGBS/index.php](http://www.aun.edu.eg/faculty_agriculture/MGBS/index.php)
- 2019:** Contribution in the organization committee of the "International Plant Molecular Biology Symposium”, Agriculture College, Assiut University, Egypt, on 27th February ,2019 from 8:30 am to 1:30 pm. [http://www.aun.edu.eg/faculty\\_agriculture/MGBS/index.php](http://www.aun.edu.eg/faculty_agriculture/MGBS/index.php)
- 2016:** Participated in the organizing committee of the 9<sup>th</sup> conference for junior Researchers Held on October 30<sup>th</sup>; 31<sup>st</sup> 2016.

## **Duties (Genetics department, Agriculture College, Assiut University, Egypt):**

- Conducting seminars, discussion groups, and laboratory sessions to supplement lectures.
- Assisting in exams preparation and administrating.
- Grad examination, term papers, and laboratory reports.
- Assisting undergraduate students in conducting their experiments.
- Assisting undergraduate students through summer practical training course.

## **Reference:**

### **Dr. Ahmed Sallam**

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### **Dr. Ameer Effat Elfarash**

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### **Dr. Helmy Mohamed Youssef**

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Biology Unit  
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### **Dr. Ahmad Alqudah**

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Research (IPK), Germany.  
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