



## Curriculum Vitae

**Dr. Eman Tawfik Hussien**

**Associate Professor of Genetics and Genetic Engineering**

Faculty of Science – Helwan University, Cairo, Egypt

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**Mobile:** +20 11 1938 3526

**Place of Birth:** Giza, Egypt

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### Profile Summary

Associate Professor with extensive experience in molecular biology, genetic engineering, and plant tissue culture. Actively engaged in high-impact research, international collaborations, and academic supervision, with a strong record of publications, funded projects, and scientific service.

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### Education

- **Ph.D. in Genetic Engineering**, Helwan University (2018)
  - **M.Sc. in Molecular Biology**, Helwan University (2012)
  - **B.Sc. in Botany and Chemistry**, Helwan University (2007)
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### Academic Position

- **Associate Professor of Genetics & Genetic Engineering**, Helwan University (2023–Present)
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### Research Expertise

- Molecular Biology and Genetic Engineering

- Plant Tissue Culture and Biotechnology
  - Nanobiotechnology and Gene Transformation
  - Microbial Genetics and Bioinformatics
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### **Honors & Awards (Selected)**

- **1st Place – Climate Hackathon (Twitter Hackathon), Helwan University (2022)**
  - **2nd Place – Hackathon, Helwan University (2022)**
  - **3rd Place – SOLE Competition for Innovative Solutions, Egyptian Universities (2022)**
  - **3rd Place – Biotechnological Entrepreneurship Competition, Egyptian Universities (2023)**
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### **Research Output**

- **More than 50 peer-reviewed publications** in reputable international journals.
  - Reviewer for several international scientific journals.
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### **Supervision & Mentorship**

- Supervision of multiple M.Sc. and Ph.D. theses within and outside Helwan University.
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### **Professional Memberships**

- Member, **Egyptian Botanical Society**
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### **Teaching Experience**

- Over **15 years of teaching experience** in Genetics, Molecular Biology, Biotechnology, and related disciplines.
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### **Projects & Grants**

- Recipient of several funded national research projects.
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### **Publications & Books**

- Author of **three books in English** in the field of genetic engineering and biotechnology.
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### **Academic Service**

- Participation in the development of new academic programs at the Faculties of Science and Education.
- Attendance and contribution to numerous national and international conferences.