

Hoda Rashwan Ahmed El-Zehery

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📍 Takh - Qalubia

• NATIONAL - Egyptian

• DATE OF BIRTH - 10/01/1988

• MARITAL STATUS - married

- solving problems
- time management
- critical thinking
- Leadership

• Arabic (OFFICIAL)

• English (Very Good)

◦ EDUCATION

- PhD Science degree, Agricultural Botany Department (Agricultural microbiology), Faculty of Agriculture, Benha University, Takh, Qalubia_ Egypt (2018-2022). **Title of Ph.D.:-** Microbiological studies on modern techniques for meat and their products preservation.
- Master Science degree, Agricultural Botany Department (Agricultural microbiology), Faculty of Agriculture, Benha University, Takh, Qalubia _ Egypt (2015-2018). **Title of M.SC:-** Efficiency improvement of plant growth promoting rhizobacteria under saline conditions.
- Bachelor degree, Excellent with honor, (88.70%) : Agricultural Botany Department (plant pathology), Faculty of Agriculture, Benha University, Takh, Qalubia_ Egypt (2005-2009).

◦ Language Skills

- - Local TOEFL exam 2017: score of 470.
- - Local TOEFL exam 2022: score of 560.

◦ Computer skills

- Proficient in using Windows, Office (2007, 2010, 2013), and internet searching.
- Basic IT skills, including operating systems, word processing, presentations, spreadsheet editing, web editing and content publishing, and use of mobile phones.
- Participation in teaching the ICDL program for undergraduate and graduate students at Benha University.

◦ TEACHING EXPERIENCE:

- Agricultural microbiology - Applied microbiology - Biofertilizers - microbial enzymes - antibiotics - Bacterial physiology - Organic agriculture microbiology - Soil microbiology - Pathogenic bacteria).

❑ WORK EXPERIENCE

- **4/ 10/2022** until now:- Lecturer Agricultural Microbiology Department, Faculty of Agriculture, Benha University Toukh, Qaliobia, Egypt.
- **2018 – 2022**:- Assistant Lecturer Agricultural Botany department (Agricultural microbiology), Faculty of Agriculture, Benha University Toukh, Qaliobia, Egypt.
- **2015 – 2018**:- Demonstrator Agricultural Botany Department (Agricultural microbiology), Faculty of Agriculture, Benha University Toukh, Qaliobia, Egypt.

❑ Published research:

- **Hoda, R.A. El-Zehery**; Zaghloul, R. A; Salem, A.A., Abdel-Rahman, H.M. and Enas, A. Hassan: Evaluation of biological activities for salt-tolerant plant growth promoting rhizobacteria using different microbial carriers: 4th International Conference on Biotechnology Applications in Agriculture (ICBAA), Benha University, Mosh tohor and Hurghada, 4-7 April 2018, Egypt.
- Abdel-Rahman, H. M., Zaghloul, R. A., Hassan, E. A., **El-Zehery, H. R. A.,** & Salem, A. A. (2021). New strains of plant growth-promoting rhizobacteria in combinations with humic acid to enhance squash growth under saline stress. Egyptian Journal of Soil Science, 61(1), 93-102.
- **Hoda, R.A. El-Zehery**, Rashed A. Zaghloul, Ahmed A. Salem, Hany M. Abdel-Rahman and Khaled H. El-Doug doug (2021). The potential synergistic activity of chitosan-essential oils combination for fighting multidrug-resistant Salmonella Typhimurium and Staphylococcus aureus.
- **Hoda, R.A. El-Zehery**, Rashed A. Zaghloul, Ahmed A. Salem, Hany M. Abdel-Rahman and Khaled H. El-Doug doug (2021). Novel strategies of essential oils, chitosan, and nano-chitosan for inhibition of multi-drug resistant: E. coli O157:H7 and Listeria monocytogenes.
- Sodaf A. Maan; Gamar G. M.; Abeer A. Faiesal; and **Hoda R.A.El-Zehery** (2023). Ecofriendly System Based on Mesoporous Silica Nanoparticles Delivery of Chitosan to Control Soft Rot Disease and Maintain Postharvest Quality of Tuber Potato.