

Dr. Eshraq AL-Amery

Assistant Professor of Microbiology

Taiz University, Faculty of Applied Science, Department of Microbiology, Taiz, Yemen.



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Work Address: Taiz University, Faculty of Applied Sciences,
Department of Microbiology, Taiz, Yemen.

Home Address: Taiz City, Wadi Alqadi.

Personal Information:

🚩 Date of Birth: 1 Jan, 1983

🚩 Gender: Female.

🚩 Marital Status: Married -Two Children.

🚩 Nationality: Yemeni

🚩 ResearchGate :

<https://www.researchgate.net/profile/Eshraq-Al-Amery>

Languages:

🚩 Arabic : Native Language.

🚩 English : Excellent.

Academic Profile:

Assistant Professor in Microbiology with extensive academic and teaching experience in microbiology, mycology, and medical microbiology. Experienced in teaching undergraduate students across a broad range of health and applied science disciplines, including General Microbiology, Bacteriology, Molecular Microbiology, Medical Mycology, Medical Microbiology, and Diagnostic Microbiology. Actively engaged in academic teaching, scientific research, and professional service, with several published research papers in the field of Mycology. Recognized for excellence in scientific presentation during PhD studies at the Faculty of Science, Assiut University. Committed to delivering high-quality education and supporting students in understanding complex scientific concepts effectively.

Education:

➤ **Ph. D. in Microbiology 2022**

- Assiut University, Assiut, Egypt.
- **Title:** Studies on phytoalexins as red cards for phytopathogenic fungi and their applications.

➤ **M. Sc in Microbiology 2017**

- Assiut University, Assiut, Egypt.
- **Title:** Ecological and Physiological Studies on Mycobiota Associated with Some Cereal Grains in Taiz Governorate, Yemen.

➤ **B. Sc. Microbiology 2005**

- Faculty of Applied Science, Taiz University, Taiz, Yemen.
- **Grade :** Very Good.

Academic And Administrative Positions:

 **Dean, Faculty of Medical Sciences**
Al-Rowad University, Taiz, Yemen | 2025–Present

 **Head of the Laboratory Department**
Al-Rowad University | 2023–2024

 **Faculty Member, Department of Microbiology, Faculty of Applied Sciences**
Taiz University, Taiz, Yemen | 2005–Present
Taught a wide range of microbiology courses to undergraduate students in Medicine, Medical Laboratory Sciences, Pharmacy, Dentistry, Nursing, and Clinical Nutrition across both public and private universities.

Skills And Expertise:

- **Position:** Assistant Professor in Microbiology.
- **Teaching:** Demonstrator at Taiz University's Department of Microbiology, also a Lecturer at various Private Universities and institutes.
- **Courses:** Proficient in teaching Principles and General Microbiology, Bacteriology, General Plants, Specialized Mycology Courses, Medical Mycology, Medical and Diagnostic microbiology.
- **Research:** Published multiple research papers in Mycology, contributing to the scientific community.
- **Recognition:** Awarded by Assiut University's Faculty of Science for outstanding PhD presentation.
- **Teaching Excellence:** Known for a patient and effective teaching approach, especially in simplifying complex scientific concepts for students.

List Of Publications And Awards:

- ✓ Hassan, A. A., et al. "Exceptional and innovational analysis of n-CdS/p-Si solar cells based on software packages and bias point models: insights into theoretical and experimental characteristics of fabricated solar cells." Chalcogenide Letters 20.4 (2023).
- ✓ Qasem, Ammar, et al. "Remarkable effects of laser irradiation in adjusting the structural, morphological, and optical properties of spray pyrolysis-synthesized NiO nanostructured films for optoelectronic applications." Optics & Laser Technology 164 (2023): 109488.
- ✓ Nemmat A. Hussein et al. "EFFECT OF *TRICHODERMA HARZIANUM* ON ENHANCING THE DEFENSE ABILITY OF TOMATO PLANTS AGAINST *ALTERNARIA CEREALIS* MT808477" 50 (2021): 67-92.
- ✓ Mahmoud, Ghada Abd-Elmonsef, et al. "Controlling *Alternaria cerealis* MT808477 tomato phytopathogen by *Trichoderma harzianum* and tracking the plant physiological changes." Plants 10.9 (2021): 1846.
- ✓ Hussein, Nemmat, et al. "*Aspergillus homomorphus*, a first global record from millet grains." Current Research in Environmental & Applied Mycology 7.2 (2017): 82-89.
- ✓ Abdel-Hafez, Sobhy Ibrahim Ismail, et al. "FUNGAL DIVERSITY ASSOCIATED WITH PEARL MILLET *Pennisetum glaucum* L.) GRAINS FROM TAIZ GOVERNORATE, YEMEN AND THEIR AMYLASE PRODUCTION." Journal of microbiology, biotechnology and food sciences 7.2 (2017): 118-123.
- ✓ Abdel-Sater, Mohamed, et al. "Fungi associated with maize and sorghum grains and their potential for amylase and aflatoxins production." Egyptian Journal of Botany 57.1 (2017): 119- 137.
- ✓ Qasem, Ammar, et al. "Improving optical features and electrochemical efficiency of vanadiumdoped lithium borate glasses for Li-ion batteries." Journal of Non-Crystalline Solids 621 (2023): 122595.
- ✓ Qasem, Ammar, et al. "Effective Role of the SnO₂ Cap Layer Thickness in Improving the Structural Morphology, Optical Properties and Enhancing the Photovoltaic Performance of Fabricated n-SnO₂/n-CdS/p-Si Solar Cells". Optical and Quantum Electronics (2023).
- ✓ Qasem, Ammar, et al. "Effect of γ -Irradiation Doses on Structural, Surface Morphological, Optical, and Electrical Properties of Cr-doped CdO NPs for Optoelectronics". Physica Scripta (2023).
- ✓ Qasem, Ammar, et al. "Characterization of Structural, Optical, Sensing, and Electrical Implications of Mn-ion Introducing in Mn_xSe_{75-x}S₂₅ Thin Films for Optoelectronic and Gas Sensor Applications". Optik Journal (2023).
- ✓ Scientific Excellence Medal - Faculty of Science - Assiut University for the outstanding doctoral discussion presentation-2022

Courses Taught:

Assisted in teaching several undergraduate courses, including:

- ☐ Principles and general concepts in Microbiology
- ☐ Bacteriology
- ☐ Mycology
- ☐ General plants
- ☐ Molecular biology
- ☐ Medical microbiology
(Bacteria, fungi and virology)
- ☐ Diagnostic microbiology
(Bacteria, fungi and virology)

Academic Activities

- ✓ Contributed to field training activities for microbiology students in laboratories and hospitals across Taiz, Yemen, particularly for fourth-year students in Medical Microbiology.
- ✓ Attended several quality assurance workshops and currently contribute to the design of templates for academic programs.

Research Interests:

My principal field of interest is Microbiology, particularly Mycology. My research interests include the isolation and identification of fungi from various sources such as soil, plants, food, and other environmental materials, as well as the diagnosis of medically important fungi that infect humans.

Professional Memberships

- ✓ Member of the American Society for Microbiology
- ✓ Member of the Society of Basic and Applied Mycology, Assiut, Egypt

Qualifications, conferences, workshops, webinar, and awards



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