

CURRICULUM VITAE

PERSONAL DATA

Name	Gharieb E-Saied Saad Moustafa El-Sayyad
Nationality	Egyptian
Position	Associate Professor
E-Mail	gelsayyd@imamu.edu.sa
Phone	

EDUCATION

Year	Academic Degree	Institution
2009	BSc in Science (Microbiology and Chemistry)	Faculty of Science, Al-Azhar University, Cairo, Egypt.
2014	Master degree in Science (Medical Microbiology)	Faculty of Science, Al-Azhar University, Cairo, Egypt.
2017	PhD degree in Science (Medical Microbiology)	Faculty of Science, Al-Azhar University, Cairo, Egypt.

WORK EXPERIENCE

Period	Position	Address
2012-2014	Teaching Assistant	Drug Radiation Research Department, Egyptian Atomic Energy Authority (EAEA), Cairo, Egypt.
2015-2018	Assistant Lecturer	Drug Radiation Research Department, Egyptian Atomic Energy Authority (EAEA), Cairo, Egypt.
2018-2023	Lecturer	Drug Radiation Research Department, Egyptian Atomic Energy Authority (EAEA), Cairo, Egypt.
2023-Present	Associate Professor	Drug Radiation Research Department, Egyptian Atomic Energy Authority (EAEA), Cairo, Egypt.
2020-2022	Associate Professor	Microbiology and Immunology Department, Faculty of Pharmacy, Galala University (GU), Suez, Egypt.
2022-2023	Associate Professor	Microbiology and Immunology Department, Faculty of Pharmacy, Ahrum-Canadian University (ACU), Giza, Egypt.
2023-2025	Associate Professor	Medical Laboratory Technology Department, Faculty of Applied Health Science Technology, Badr University in Cairo (BUC), Cairo, Egypt.

RESEARCH INTERESTS

1. Medical Microbiology.
2. Nanotechnology.
3. Biotechnology.
4. Infectious diseases.
5. Nano-drug formulations. ([Gharieb S. El-Sayyad - Google Scholar](#))

PUBLICATIONS (2026 year)

1. Harnessing natural compounds and nanotechnology for miRNA-based osteosarcoma therapy, Abdullah AlAqel, **Gharieb S. El-Sayyad**, Shaza H Aly, Ahmed E Elesawy, Osama A Mohammed, Hend H Mohamed, Walaa A El-Dakroury, Maha Abdelsalam, Ahmed S Doghish, **RSC Advances**, 2026, 16(9), 8008-8019. <https://doi.org/10.1039/D5RA06010A>. (Q2, WOS)
2. Facile synthesis of ciprofloxacin-bismuth-curcumin nanocomposite to inhibit the growth and biofilm formation of some pathogenic microbes: Aspects of the gamma-irradiation effect, **Gharieb S. El-Sayyad**, Sobhy S Abdel-Fatah, Farag M Mosallam, Ahmed I El-Batal, **Microbial Pathogenesis**, 2026, 212: 108277. <https://doi.org/10.1016/j.micpath.2026.108277>. (Q2, WOS)
3. Synthesis, characterization, antimicrobial and antibiofilm potential of novel bimetallic selenium/zinc oxide nanoparticles: Kinetic study and membrane leakage reaction mechanism determination, Mohamed AM Ali, Alyaa S Abdel Halim, Ahmed I El-Batal, **Gharieb S. El-Sayyad**, **Archives of Biochemistry and Biophysics**, 2026, 778, 110749, <https://doi.org/10.1016/j.abb.2026.110749>. (Q2, WOS)
4. Assessing different extracts of *Laurencia obtusa* algae for the green fabrication of magnetic nanoparticles: their characterization and bioactivities, Ehab A Abdelrahman, Abdulrahman G Alhamzani, Mortaga M Abou-Krishna, **Gharieb S. El-Sayyad**, Salim Mohamed Abd El-Aziz, **Food Chemistry**, 2026, 508, 148319, <https://doi.org/10.1016/j.foodchem.2026.148319>. (Q1, Top10, WOS)
5. Determination and Distribution of Organochlorines Pesticides from Surface and Groundwater Upstream of the Merja Zerga Lagoon (Gharb Plain-Morocco), Hind El Bouzaïdi, Fatima Zahra Hafiane, El Habib El Azzouzi, Joseph Mbasani-Mansi, **Gharieb S. El-Sayyad**, Mohamed A Ghorab, Mohamed O Mohamed, Mohammed Fekhaoui, **Water, Air, & Soil Pollution**, 2026, 237, 294, <https://doi.org/10.1007/s11270-025-08918-8m>. (Q2, WOS).
6. Green Synthesis, Characterization and Antifungal Potential of Inorganic Copper-Zinc Silicate Nanoparticles, Magdi EA Zaki, Ibrahim Elbatal, Roqayah Saleh Al-Habeeb, **Gharieb S. El-Sayyad**, Ahmed I El-Batal, **Journal of Cluster Science**, 2026, 37, 39, <https://doi.org/10.1007/s10876-026-02992-6>. (Q1, WOS)
7. Actinomycete-induced ZnO–B₂O₃ nanoparticles synthesis for enhancing pea plant immunity and suppress *Pythium irregulare* infection, **Gharieb S. El-Sayyad**, Basma H Elkhodary, Marwa S Salem, Mohamed S Attia, **Folia Microbiologica**, 2026, In Press, <https://doi.org/10.1007/s12223-026-01466-6>. (Q2, WOS)
8. Endophytic fungi-assisted biological synthesis of zinc oxide nanoparticles using gamma-rays for promising antibacterial and antibiofilm potential against some Gram-positive bacteria, Sobhy S Abdel-Fatah, Nasser H Mohammad, **Gharieb S. El-Sayyad**, **Microbial Cell Factories**, 2026, 25, 16, <https://doi.org/10.1186/s12934-026-02993-0>. (Q1, WOS)
9. Detection of New Delhi metallo-β-lactamase (*bla_{NDM}*) and oxacillinase (*bla_{OXA-48}*) genes among carbapenem-resistant Enterobacteriaceae (CRE) in Jazan Region, Saudi Arabia, Soheir AA Hagra, **Gharieb S. El-Sayyad**, Marwa Yousry A Mohamed, Hani A Ozbak, Mahitab M Wahby, Sara Ahmed Eltigani, Neamat Hanem MI Dorra, Samar Elshahidy, Mostafa A Abdel-Maksoud, Salman Alrokayan, Hassan A Rudayni, Yasser Q Majrabi, **Scientific Reports**, 2026, In Press, <https://doi.org/10.1038/s41598-026-49160-4>. (Q1, WOS)