



CURRICULUM VITAE

PERSONAL DATA

Name	Dr. Marwa Yousry Abdel Monem Mohamed
Nationality	Egyptian
Position	Associate professor of Microbiology and Immunology
E-Mail	Mymohamed @imamu.edu.sa
Phone	0542820209

EDUCATION

Year	Academic Degree	Institution
2012	Ph.D in Microbiology and Immunology	Azhar University
2008	MS.c in Microbiology and Immunology	Cairo University
2000	BsC in Pharmacy and Pharmaceutical science	Cairo University
2012	Professional program in Occupational health, Safety and Environmental Control (OSHA) Diploma.	American university Cairo

WORK EXPERIENCE

Period	Position	Address
2025- till now	Associate professor	Department of Biology, Faculty of science, Imam Mohammad Ibn Saud Islamic university
2018- 2025	Assistant professor	Department of Biology, Faculty of science, Imam Mohammad Ibn Saud Islamic university

2017-2018	Assistant professor	Cooperative staff. Department of Biology, Faculty of science, Imam Mohammad Ibn Saud Islamic university
2009-2012	Head of Risk management Unit and - Chief bio-safety coordinator Central Health	Central Public Health laboratories, MOH
2001-2009	Microbiologist	Clinical Microbiology Department in Central Health laboratories, MOH
2008-2012	Microbiology and immunology consultant	Cairo Medical Centre
2009-2013	A trainer for Global Bio- Risk Management Curriculum trainers ' Network	GBRMCNet
2001-2013	Instructor and Trainer	Different research centers and governmental labs

RESEARCH INTERESTS

Microbiology and immunology

PUBLICATIONS

https://scholar.google.com/citations?hl=en&user=6d2jfaEAAAJ&view_op=list_works&sortby=pubdate

- Hammache, M., Benchekroun, S., Alamri, A., Jalouli, M., Yousry A. Mohamed, M., Boufahja, F., ... & Semlali, A. (2024). Modulation of signature cancer-related genes in oral cancer cells (Ca9-22) by anethole treatment: Insights into therapeutic potential. *PloS one*, 19(12), e0315085.
- Hassan, A. H., Abdi, I., Alsherif, E. A., Aloufi, A. S., Korany, S. M., Mohamed, M. Y. A., ... & Hamed, S. M. (2024). Species-specific ecotoxicity of platinum nanoparticles to two cyanobacteria. *Marine Pollution Bulletin*, 209, 117054.
- Hamed, S. M., El-Gaml, N. M., Mohamed, M. Y. A., Shaban, K. A., Aloufi, A. S., Korany, S. M., & Saber, A. A. (2024). Insights into seeds priming effects using a magnetic field and algal treatments on growth and productivity of faba bean under salinity stress conditions.
- Mohamed, M. Y. A., Ferjani, H., Ogunjinmi, O. E., Jalouli, M., & Onwudiwe, D. C. (2024). Phyto-mediated synthesis of Ag, ZnO, and Ag/ZnO nanoparticles from leave extract of *Solanum macrocarpon*: Evaluation of their antioxidant and anticancer activities. *Inorganica Chimica Acta*, 122086.
- Hamed, S. M., Mohamed, M. Y. A., Alammari, B. S., & Abdelgawad, H. Insights into the growth and biochemical defense responses associated with fenitrothion toxicity and uptake by freshwater cyanobacteria. *Chemosphere*, 141909.
- Mohamed, M. Y. A. (2024). Probiotics Benefits, Potential Limitations and Risks. *Egyptian Academic Journal of Biological Sciences. C, Physiology and Molecular Biology*, 16(1), 253-276.

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- Osama, D. M., Zaki, B. M., Khalaf, W. S., Mohamed, M. Y. A., Tawfick, M. M., & Amin, H. M. (2023). Occurrence and Molecular Study of Hypermucoviscous/Hypervirulence Trait in Gut Commensal *K. pneumoniae* from Healthy Subjects. *Microorganisms*, 11(3), 704.
- Abu-Elfotuh, K., Selim, H. M. R. M., Riad, O. K. M., Hamdan, A. M., Hassanin, S. O., Sharif, A. F., ... & Zaghloul, S. S. (2023). The protective effects of sesamol and/or the probiotic, *Lactobacillus rhamnosus*, against aluminum chloride-induced neurotoxicity and hepatotoxicity in rats: Modulation of Wnt/ β -catenin/GSK-3 β , JAK-2/STAT-3, PPAR- γ , inflammatory, and apoptotic pathways. *Frontiers in Pharmacology*, 14, 1208252.
- Imran, M., Gowd, V., Saha, P., Rashid, S., Chaudhary, A. A., Mohamed, M. Y. A., ... & Khan, R. (2022). Biologically inspired stealth-camouflaged strategies in nanotechnology for the improved therapies in various diseases. *International Journal of Pharmaceutics*, 122407.
- Al-Mutairi, A. A., Hafez, H. N., El-Gazzar, A. R. B., & Mohamed, M. Y. (2022). Synthesis and Antimicrobial, Anticancer and Anti-Oxidant Activities of Novel 2, 3-Dihydropyrido [2, 3-d] pyrimidine-4-one and Pyrrolo [2, 1-b][1, 3] benzothiazole Derivatives via Microwave-Assisted Synthesis. *Molecules*, 27(4), 1246.
- Khatib, A. J., & Mohamed, M. Y. A. (2022). Immunohistochemical Analysis of Lung Cancer: Mini. *Annals of Medical and Health Sciences Research* | Volume, 12(9).
- Khatib, A. J., & Mohamed, M. Y. A. (2022). Microbiological role of malabsorption: a new medical hypothesis. *Annals of Medical and Health Sciences Research*.
- Alkhatib, A. J., & Mohamed, M. Y. A. (2020). SOIL DERIVED ANTIBIOTICS: SOIL AS A POTENTIAL SOURCE OF NEWLY EFFECTIVE. *Science*, 24, 2042-2043.
- Alkhatib, A. J., Mohamed, M. Y., & AlGhamdi, G. A. (2020). The Impact of Epstein Barr-Virus on Therapeutic Options of Lymphoma.
- Atef M. El-Gendy, Momtaz O. Wasfy, Adel M. Mansour, Buhari Oyof, Marwa M. Yousry, John D. Klena: Heterogeneity of *Campylobacter* species isolated from serial stool specimens of Egyptian children using pulsed field gel electrophoresis. *Afr J Lab Med*. 2013;2(1), Art. #34, 9 pages. <http://dx.doi.org/10.4102/ajlm.v2i1.34>.
- Salwa Afifi, Rania Abdel Khalek, Amany Elsharif, Marwa Yousry, Hanan El-Mohammady and M. Seif Ashour; Characterization of extended-spectrum beta-lactamases in some enterobacteriaceae clinical isolates from Egyptian patients. *IMedPub Journals*. (2013), Vol. 4 No. 5:2; doi: 10.3823/273