
Maha M. Ismail

EDUCATION/TRAINING

Institution And Location	Degree	Year(s)	Field of Study
Pharmacy College, Cairo University, Cairo, Egypt	BSc	2002–2007	Pharmacy – Pharmaceutical Sciences
Pharmacy College, Cairo University, Cairo, Egypt	Master of Science (M.Sc.)	2009–2012	Microbiology and Immunology Dissertation title: “ Screening for the antimicrobial activity of extracts of some common spices in Egypt and the ability of using them as natural food preservatives ”
Pharmacy College, Cairo University, Cairo, Egypt	Doctor of Philosophy (PhD)	2013–2016	Microbiology and Immunology Dissertation title: “ Enhancement and valorization of the bacterial-algal bioremediation of contaminated industrial wastewater ”

A. Employment History

2016 – Present	Lecturer, Dept. of Microbiology and Immunology, Faculty of Pharmacy, Cairo University, Cairo, Egypt
2012–2016	Teaching assistant, Dept. of Microbiology and Immunology, Faculty of Pharmacy, Cairo University, Cairo, Egypt
2007–2012	Demonstrator, Dept. of Microbiology & Immunology, Faculty of Pharmacy, Cairo University

C. Publication Metrics – According to Scopus

Total Number of Citations	45
Highly Cited Article	8
Scopus H-index	3
Total Number of Publications	7

D. Peer-reviewed Publications

1. **Ismail MM**, Hassan M, Moawad SS, Okba MM, Ashour RM, Fayek NM, Saber FR. 2021. Exploring the Antivirulence Activity of Pulverulentone A, a Phloroglucinol-Derivative from *Callistemon citrinus* Leaf Extract, against Multi-Drug Resistant *Pseudomonas aeruginosa*. *Antibiotics* 10 (8), 907
2. El Barmelgy A, **Ismail MM** and Sewilam H. 2021. Biomass productivity of *Nannochloropsis* sp. grown in desalination brine culture medium. *Desalination and Water Treatment*. 1–9
3. **Ismail M.M.** Dual Benefits of Microalgae in Bioremediation Pollutant Removal and Biomass Valorization, a Review. In: E.D. Bidoia, R.N. Montagnolli, Eds., *Biodegradation, Pollutants and Bioremediation Principles*, CRC Press; Taylor & Francis Group, Florida, 2021, pp. 174–192

4. **Ismail MM**, R Samir, FR Saber, SR Ahmed, MA Farag. 2020. Pimenta Oil as a Potential Treatment for *Acinetobacter baumannii* Wound Infection: In Vitro and In Vivo Bioassays in Relation to Its Chemical Composition. *Antibiotics* 9 (10), 679
5. Samir R, **Ismail MM** and ElRakaiby M. Isolation and characterization of a lytic *Acinetobacter baumannii* bacteriophage from waste water in Egypt. 2018, *Egyptian Journal of Biotechnology*. 57.(167-175)
6. Sayed S, El sayed E, **Ismail MM**. Optimization of β -cyclodextrin consolidated micellar dispersion for promoting the transcorneal permeation of a practically insoluble drug. 2018, *International Journal of Pharmaceutics* 549 (1-2), 249-260
7. **Ismail MM**, Hassan M, Essam TM. Biological Testing and Toxicity Bioassays in Biodegradation: Toward Better Process Control. 2018, *Methods in Pharmacology and Toxicology*. 185-205
8. **Ismail MM**, Essam TM, Ragab YM, El-Sayed AEB, Mourad FE. Remediation of a mixture of analgesics in a stirred-tank photobioreactor using microalgal-bacterial consortium coupled with attempt to valorise the harvested biomass. 2017, *Bioresource technology* 232, 364-371
9. **Ismail MM**, Essam TM, Ragab YM, Mourad FE. Biodegradation of ketoprofen using a microalgal–bacterial consortium. 2016, *Biotechnology letters* 38 (9), 1493-1502
10. **Ismail MM**, Essam TM, Mohamed AF, Mourad FE. Screening for the antimicrobial activities of alcoholic and aqueous extracts of some common spices in Egypt. 2012, *International Journal of Microbiological Research* 3 (3), 200-207