CURRICULUM VITAE

Dr\ Mofida Elsayed Mohammed Makhlof

Lecturer, Botany and microbiology department, Faculty of science, Damanhor University.

Current address

Rosetta
Elbehyra, Egypt.
Mofida_makhlof@sci.dmu.edu.eg
Mofida_makhlof@yahoo.com
Tel: +20 01008824240

Personal

Date of birth: June, 09,1983
Place of birth: Elbehyra, Egypt
Nationality: Egyptian
Language: English: Very good, **Arabic**: Mother tongue
National ID: 28306091800389

Academic Degrees

*B.Sc. (science and education), Faculty of education, Alexandria University, Egypt, 2004.
*M.Sc. (Phycology), Faculty of Science, Alexandria University, Egypt, 2011.

* Ph.D. (Phycology), Faculty of Science, Damanhor University, Egypt, 2016.

Professional Career

2005-2011: Demonstrator, Botany and microbiology Department, Faculty of Science, Alexandria University.
2011-2016: Assistant Lecturer, Botany and microbiology Department, Faculty of Science, Alexandria University.
2016-2024: Lecturer in Phycology, Botany and microbiology Department, Faculty of Science, Damanhor University.
2025- till now: Assistant Professor of phycology

Msc, title

Effect of tributyltin (TBT) on growth and survival of the stigmatophycean alga *Nannochloropsis oculata*

pH, title

Promising bioactive extracts with biological activity from the microalgae *Scenedesmus obliquus* and *Spirulina platensis*

Research Interest:

- Algae, Physiology of algae and physiological stress, algal systematics, medicinal uses and natural products from algae.
- Green nanotechnology field and their application
- Bio-remediation (Phycoremediation) of heavy metals from wastewater by algae.
- Water recycling
- Co_2 sequestration using microalgae
- Energy yield and managment

Laboratory activities

- Collection macro algae from different fields
- Isolating, identifying and culturing microalgae in lab scale and large scale
- Produce different types of algal extracts
- Produce different commercial products from algae
- Using algal products in different application like cosmetic, medicine, soil treatment, water treatment, nanocomposite production, energy yield, bee feeding, biological best control and fish feeding
- Produce and characterize different types of nanoparticles (Fe, Zn, Se, Ag, Cu…) and composite from algae with different applications
- Optimization microalgal growth

Projects

- Education and evaluation methods Developing Project: supported by University of Damanhor, Egypt
- Student education platform (Thinqui) project supported by University of Damanhor, Egypt

workshops

- Climate changes and their impact on the environment
- Ability to use and maintain gas chromatography (GC) device
- Skills of using EndNote program
- Production of green hydrogen from waste water
- Statistical analusis using SPSS

Training courses

- Occupational Health and Safety Training Courses (OHSAS) 18001
- Tets of English as a forging language (TOEFL)
- International computer driving licence (ICDL)
- Training on the quality standard of scientific research and scientific activities
- Training according to the quality standard of graduate studies
- Quality standards in the teaching process
- Quality standard in the education process

- ❖ Effective presentation skills
- ❖ Research ethics
- ❖ Research methods
- ❖ Communication skills
- ❖ University code of ethics
- ❖ Exam and student evaluation system
- ❖ The cridet hour system
- ❖ Conference organization
- ❖ Fundamentals of digital transformation certificate (FDTC)
- ❖ Poster Booster: Professional Poster Presentations
- ❖ International database usage
- ❖ References research management systems
- ❖ Proposal of competition's initiatives for research
- ❖ Electronic curriculum design

Supervisions of Theses:

Master degree:

- ❖ Promising biological activities of some polysaccharides extracted from algae
- ❖ Some therapeutical and nutritional application of some algal products in the field of poultry
- ❖ Macroalgae as a promising biosynthesizer for different inorganic nanoparticles and their valuable applications
- ❖ Microbial degradation of chicken feather and it's utilization as algal growth superior enhancer for production of valuable compounds
- ❖ Promising and sustainable cyanoremediation of waste water

pH degree:

1. exploration of marine algae for synthesis of nanoparticles and their applications

Scopus ID **57979344100**

***h*-index** **11**

Citations by 253 documents **292**

NO. of publications **29**

Orchid id : https://orcid.org/0000-0002-8636-7430

Google scholar : https://scholar.google.com/citations?hl=en&user=KoRRn4QAAAAJ

Scopus ID: https://www.scopus.com/authid/detail.uri?authorId=57979344100

Academic link https://sc.dmu.edu.eg/users/cv/28306091800389