



كلية معتمدة من الهيئة القومية
لضمان جودة التعليم والإعتماد



Curriculum Vitae

Personal Data:-

Name Mohamed Mostafa Hamed Omran
Nationality Egyptian
Status Married and has two sons and one daughter
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Academic degrees:

Appointments:

Degree	University	Awarding Date	Title of thesis/ Grade
1. PhD (Biochemistry)	Cairo	2007	Biochemical Studies on <i>Mycobacterium Tuberculosis</i> Antigen
2. M.Sc. (Biochemistry)	Helwan	2000	Identification and characterization of <i>Mycobacterium tuberculosis</i> antigen (s) using some biochemical techniques
3. B.Sc. (Chemistry - Biochemistry)	Mansoura	1992	Very good

26-4-2023

- Professor of Biochemistry, Chemistry department, Faculty of science, Helwan university.

31-10-2017

- Associate professor of Biochemistry, Chemistry department, Faculty of science, Helwan university.

25-9-2012

- Appointed in the Chemistry department, Faculty of science, Helwan university.

1-8-2012

- Associate professor of Biochemistry, Biotechnology Research Center, New Damietta.

2007- 2012:

- Investigator of Biochemistry, Biotechnology Research Center, New Damietta.

2000- 2007:



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- Assistant investigator of Biochemistry, Biotechnology Research Center, New Damietta.

1997- 2000:

- Biochemist, Biotechnology Research Center, New Damietta.

Awards:

1. Encouraging Helwan University in basic science **2018**.
2. According to **AD Scientific Index 2021, 2022 and 2023**, Mohamed M. Omran is biochemistry best scientist in Helwan University (www.adscientificindex.com/scientist.php?id=94502).

Member of committee

1. Research support center- Helwan University from 18-12-2019 till now.
2. The academic regulations for the Master of Science program (**molecular biotechnology**); (Credit hours program).
3. The academic regulations of the Bachelor Program (**Biochemistry**); (Credit hours program).
4. The academic regulations of the Bachelor of Science Program (**biotechnology and genetic engineering**); **Helwan National University** (Credit hours program).
5. The academic regulations of the Bachelor of Science Program (**Biochemistry and molecular biology**); **Helwan National University** (Credit hours program).

Administrative Jobs:

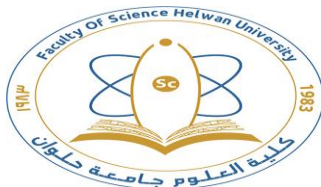
1. Coordinator of **biotechnology and genetic engineering** program, Helwan National university.
2. Academic registrar of **MSC Molecular biotechnology** program,
3. EX-Coordinator of **Molecular biotechnology** program,
4. Member in **second level of Bachelor** control.
5. EX-Member in **accumulative control**.
6. EX-Head control of **Molecular biotechnology** Program
7. Academic advisor in **Biochemistry Diploma** (Credit hours' program)
8. EX- Coordinator of **molecular biotechnology** in Quality Assurance Unit
9. EX- Coordinator of **chemistry and biochemistry** in Quality Assurance Unit.

Area of interesting:

Development of immunodiagnostic kits for:

1. Infectious diseases (HCV, Schistosoma, tuberculosis, *H. pylori*)
2. Cancer (hepatocellular carcinoma, colorectal, bladder, breast, lung, and thyroid cancer).
3. Liver diseases (fibrosis, cirrhosis, esophageal varices).
4. Chronic kidney diseases.
5. Cardiovascular diseases.
6. Nonalcoholic fatty liver diseases (NAFLD)
7. COVID 19

Teaching Experiences for Science Students:



1. Undergraduate students:

- a. **Biology students** (General biochemistry)
- b. **Biochemical students:** Carbohydrates and carbohydrates metabolism; proteins and proteins metabolism; lipid and lipid metabolism; hormones; enzymes and minerals; industrial biochemistry.
- c. **Biotechnology program students:** Introduction of biotechnology, Current topics of biotechnology, fermentation and industrial biotechnology, food biotechnology, biotechnology applications in immunological techniques, nano-biotechnology, clinical and molecular diagnosis.

2. Post-graduate students

- a. **Biochemistry Diploma:** (Molecular biology, hormones, toxicology)
- b. **Biochemistry MSC students** (Advanced proteins, amino acids and nucleic acid metabolism, vitamins), Advanced immunology, cancer biology)
- c. **MSC of Molecular biotechnology students:** (Genetic engineering, applied and diagnostic immunology).
- d. **Biochemistry PhD students:**

Research Projects:

1. **Principal investigator (PI)** "NanoBioTechnology for CoronaVirus-2019 Detection: Rapid Test, ELISA Assay, and Electrochemical Nanobiosensor". Research Grant from: Ideation Fund- academy of scientific research and technology. 2020
2. Adaptation of dot ELISA assay for field diagnosis of tuberculosis. Research Grant from: US – Egypt Joint Foundation during the period June 1, 2001 till May 31, 2002.

Publications:

- 69 international Scopus scientific papers (**911 citations**) with **18 h** index according to Scopus ID

(www.scopus.com/authid/detail.uri?authorId=8622008300).

- Verified reviews: 62 articles according to researcher ID: F-9254-2019 (<https://publons.com/researcher/1768309/mohamed-omran/>).

<https://orcid.org/0000-0001-8557-3104>.

<https://www.researchgate.net/profile/Mohamed-Omran-2>

- Supervising master's and doctoral theses (52 theses): Supervised in many universities: (Damietta University - Port Said University - Mansoura University - Helwan University).

Book chapters:

1. Hussien EA, Mekkawy SA, E Eltahawy, Saadeldin IM and **Omran MM**. Productive cloning. In advances in Assisted Reproduction Technologies. Benthambooks. Sharjah, U.A.E (<https://benthambooks.com/book/9789815051667/contributors>).
2. Mekkawy SA, Hussien EA, Fouda MS, and **Omran MM**. Heat Shock Proteins as Diagnostic Biomarkers and Therapeutic Agents. Asea AA, Kaur P (Editors). In: Heat Shock Proteins (HSP) in Molecular and Cellular Biology of Human Diseases. Scientificscholar; pages:148-162.