

# MARIAM MAHROUS FAWZY ABDELMALAK

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**NATIONALITY:** EGYPTIAN

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## PROFESSIONAL SUMMARY

Focused Lecturer accustomed to collaborate with department faculty to support academic programme success. Drives student engagement and comprehension to meet established learning outcomes. Clear and concise communicator with expertise in moderating group discussions.

## WORK HISTORY

APRIL 2024-CURRENT

**Lecturer in Biochemistry** | Faculty of Pharmacy, Minia University | Minia, Minia

- Collaborated with other lecturers to share best practices in teaching methodologies.
- Managed administrative tasks related to coursework, streamlined evaluation process.
- Enhanced learning outcomes with engaging lesson plans.
- Advised students on academic progress to ensure positive results.

FEBRUARY 2020-MARCH 2021

**Visiting Student** | University of Leeds | Leeds, United Kingdom

- Company Overview: School of Molecular and Cellular Biology, Faculty of Biological Sciences. Website: [University of Leeds](<http://www.leeds.ac.uk>)
- Starting of Ph.D. as visiting student under supervision of Dr. Joan Boyes.
- School of Molecular and Cellular Biology, Faculty of Biological Sciences. Website: [University of Leeds](<http://www.leeds.ac.uk>)
- Despite of the pandemic (Covid), I learned and performed DNA Cloning, Transfection and Protein Purification. Additionally, I performed some Bioinformatic analysis and published results to finish my Ph.D.

DECEMBER 2017-APRIL 2024

**Assistant lecturer** | Faculty of Pharmacy, Minia University | Minia, Minia

- Assisted in curriculum development to align with accreditation standards.
- Developed study materials that facilitated self-learning amongst students.
- With thorough preparation of course materials, ensured clarity and understanding among students.
- Contributed to departmental meetings, fostering a collaborative work environment.

OCTOBER 2011-NOVEMBER 2017

**Teaching assistant** | Minia University | Minia, Egypt

- Faculty of Pharmacy, Department of Biochemistry. Website: [Minia University](http://www.minia.edu.eg)
- Prepared classroom materials to facilitate efficient lessons.
- Assisted in conducting assessments to determine student understanding of subjects.
- Improved student engagement by utilising interactive learning techniques.

## SKILLS

- Educational technology use
- Digital learning platforms
- Remote teaching techniques
- Peer review experience

## EDUCATION

OCTOBER 2006 - MAY 2011

**B.Sc.:** Pharmaceutical Sciences

Minia University, Minia, Egypt

- Biochemistry grade: Excellent
- GPA: with Distinction honor, Ranked third between 230 students

OCTOBER 2013 - OCTOBER 2017

**M.Sc.:** Biochemistry

Minia University, Minia, Egypt

- Thesis: A study of the clinical significance of interleukin-27p28.rs153109 and IL-18.rs1946518 single nucleotide polymorphisms on the spontaneous resolution of hepatitis C virus genotype 4a infection in Egyptian patients

APRIL 2018 - MARCH 2024

**Ph.D.:** Biochemistry

Minia University, Minia, United Kingdom

- Thesis: Using Mutations in the Recombination Activating Genes to Gain Novel Insights into V(D)J Recombination

## WORKSHOPS AND

## COURSES

- Self-assessment, 2011
- Laboratory safety, 2012
- Information & communication Technology Project (ICTP), 2012, Concepts of IT, using computers and managing files, Word processing, Spreadsheet, Power point presentation, Access Database program, Introduction of PC management and maintenance
- Quality parameters in the educational process, 2016
- Effective presentation skills, 2017
- Communication skills, 2017
- Principles of Tissue Culture, 2024
- Animal Care and Handling, 2025

## PERSONAL INFORMATION

- Date of birth: 03/20/90
- Gender: Female
- Nationality: Egyptian
- Marital status: Married

## HOBBIES AND INTEREST

- Listening to Music, Reading, Strength Workout

## PUBLICATIONS

- Underlying Pathways for Interferon Risk to Type II Diabetes Mellitus. Abdel-Hamid N1, Jubori TA, Farhan A, Mahrous M, Gouri A, Awad E, Breuss J. Review in Curr Diabetes Rev.2013Nov; 9(6):472-7.
- "Association of Interleukin-27 rs 153109 Single Nucleotide Polymorphism with Spontaneous Resolution of Hepatitis C Virus - Genotype 4a Infection in Egyptian Patients." Mariam M. Fawzy1#, Ahmed Wahid1#★, Maiiada H. Nazmy1, Mohamed Hashem2, Imam Waked3, Sayed F. Abdelwahab4, 5 Asian Pacific Journal of Cancer Prevention. 2017,
- 'Bioinformatic analysis of some RAG mutations contributing to the primary immunodeficiencies' Mariam M. Fawzy, Maiiada Hassan Nazmy, Moustafa Fathy. Minia Journal of Medical Research. 2023.
- 'RAG1: the cornerstone gene involved in various immune diseases and cancers' Mariam M. Fawzy, Maiiada Hassan Nazmy, Moustafa Fathy. Bulletin of Pharmaceutical Sciences Assiut .2023.
- 'Evolutionary preservation of CpG dinucleotides in RAG1 may elucidate the relatively high rate of methylation-mediated mutagenesis of RAG1 transposase' Mariam M. Fawzy, Maiiada H. Nazmy, Azza A. K. El Sheikh & Moustafa Fathy. Immunologic Research, Springer.2024.