

Fatma Mostafa Kamal

Lecturer of Microbiology and immunology



Personal Information

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Date of Birth	8/11/1981
Place of Birth	Minofia
Nationality	Egyptian

Education/Scientific Degrees

- **Dec. 2022:** PhD., Microbiology & immunology Dept., Faculty of pharmacy, Suez Canal University (Association of toll-like receptors 7 and 9 genes single nucleotide polymorphisms with risk of systemic lupus erythematosus) .
- **2009:** MSc., Pharmaceutical Microbiology Dept., Faculty of pharmacy, Tanta University, Tanta, Egypt.
- **2003:** BSc., Pharmaceutical Sciences, Faculty of pharmacy, Tanta University, Tanta, Egypt.V. Good with Honors.

Experience

- **Nov. 2023-present:** Head of clinical research department, General Authority of Health Insurance, Egypt.
- **Sep. 2021- present:** Head of Medical Training/ Supervisor of molecular microbiology research lab., General Institution of Health Insurance, Egypt.
- **2012–2020:** Senior microbiologist/ Lecturer, Clinical Laboratory Sciences, Department, Al Ghad International Colleges for Applied Medical Science, KSA.
- **2004-2009:** Pharmacist and Researcher of Pharmaceutical Microbiology Department, Faculty of pharmacy, Tanta University, Egypt

Professional Career Experience and Positions held

- Primary data collection/ Statistical data analysis (SPSS)/ Epidemiological surveys.
- Excellent professional scientific writing skills(proposals, scientific reports/ manuscripts).
- Manage, plan, facilitate, and host all educational programs.
- Teaching (theoretical & lab):Microbiology, Medical Genetics, Gene Technology and Molecular Techniques, Medical Virology, Clinical Parasitology, Diagnostic microbiology, Bacteriology, Serology and Immunology, Antimicrobial Chemotherapy, General Microbiology.
- Publications in refereed peer reviewed journals & scientific presentations (Oral/Posters)

Attending different educational courses:

- **2022:** Fundamental Digital Transformation Certificate, Suez Canal University, Egypt.
- **2022:** Certified Professional Trainer (TOT), Princess Fatma academy, Egypt
- **2021:** Basics of Biostatistics and SPSS course, Ibn Sina Training Academy, Egypt.
- **2018:** Research Methodology; General Directorate of Health Affairs, Training and Scholarship Administration, Al Madinah, KSA.
- **2012:** Professional Accreditation Certificate, Saudi Commission for Health Specialties.

Special Skills

• Computer Skills

- ✓ Efficiency in using Microsoft Excel, word and PowerPoint 2016 and 365.
- ✓ Efficiency in using SPSS & PRISM
- ✓ Efficiency in using EndNote

• Languages

- ✓ Native speaker of Arabic
- ✓ Very good command in Reading, Writing and Speaking English

Special Technical Skills

- Comprehensive experience in different techniques of Microbiology, Immunology & Molecular biology (DNA extraction and DNA quantification, tissue culture, various PCRs (Conventional, qPCR, rtPCR, Multiplex, Real Time PCR, Primer design, western blot, ELISA, Isolation, enumeration and identification of bacteria and fungi, Antibiotic assay using MIC, Disk diffusion methods, Plasmid extraction, Agarose gel electrophoresis, SDS-PAGE).

References

Publications

- **2022:** Azab, M. M., Mostafa, F. M., Khalil, M., Salama, M., Abdelrahman, A. A., & Ali, A. A. (2022). Association of TLR7 and TLR9 genes polymorphisms in Egyptian patients with systemic lupus erythematosus. *Heliyon*, e11680.
 - **2022:** Mostafa, F. M., Azab, M. M., Ali, A. A. (2022). Role of toll like receptor 9 in developing systemic lupus erythematosus.178195.1194.
 - **2021:** Abstract in the third Annual Conference of Graduated Researchers in Pharmaceutical Sciences.
 - **2012:** Poster, prevalence and molecular characterization of multidrug resistant *Proteus mirabilis* in clinical isolates Tanta university conference for microbiology.
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