

CURRICULUM VITAE

Eman Khalaf – BPharm, MSc, PhD, FAIMER Fellow

**Professor of Microbiology, Department of Microbiology and Immunology,
Faculty of Pharmacy, Damanhour University.**

Career Highlights

- Published **twenty-four peer-reviewed papers**, twelve as first author.
- Additional manuscripts in preparation from current and past postdoctoral research.
- Additional manuscripts in preparation from supervising and mentoring postgraduate students.

International Collaboration

- Member of the International Cooperation Office at Damanhour University.
- Member in the committee of Postgraduate Studies Affairs and Scientific Research.
- Head of the Committee for Scientific Relations and Cultural Affairs.
- Head of the Libraries and Scientific Information Committee.
- Facilitated collaboration with **Mohammed VI Polytechnic University** in Morocco by delivering intensive training in bioinformatics analysis and laboratory molecular techniques.

Research Grants

- I co-wrote successful grants in Canada with Manish Raizada on projects that I helped to initiate.
- Experience in grant reporting with responsibility in budgeting, personnel management, and adaptation of results for a lay audience.

Industry Experience

- Collaborated closely with Lavie Bio, a subsidiary of **Evogene Ltd.**, by supplying requested promising cucurbit endophytes for the development of crop bioinoculants.
- Lead author/inventor on a **US provisional patent** application.

Programming skills

- Specialized in microbial bioinformatics, including microbiome analyses and bacterial genomics using Bash scripting and R programming language.

Teaching and Leadership

- Taught postgraduate and undergraduate students in Egypt as a faculty member in the Department of Microbiology and Immunology, Faculty of Pharmacy, Damanhour University.
- Designed and delivered an intensive bioinformatics course for postgraduate students at Mohammed VI Polytechnic University, Ben Guerir, Morocco, as a research associate and international collaborator.

- Supervised/co-supervised **Master's and PhD** postgraduate students in the Department of Microbiology and Immunology, Faculty of Pharmacy, Egypt.
- Mentored postgraduate and undergraduate students in the Department of Plant Agriculture at the University of Guelph, Canada, and in the Faculty of Pharmacy at Damanhour University, Egypt.

Reviewing and Editorial Activities

- Served as a reviewer in many outstanding international journals in my area of expertise.
- Served as a guest editor at Frontiers in Microbiomes and Frontiers in Plant Science.

FAIMER Fellowship

- FAIMER Fellow since 2021, focused on improving community health services as a medical educator.

Awards

- Awarded a highly competitive Postdoctoral Fellowship from the Government of Egypt.
- Received honors for my postgraduate degrees from both the Provincial and General Syndicate of Pharmacists in Egypt.

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For a detailed CV, please contact me via email or phone.

LinkedIn Profile: <https://www.linkedin.com/in/eman-khalaf-bpharm-msc-phd-faimer-fellow-55824046/?isSelfProfile=true>