

Lina Khaled
Microbiologist & Researcher

Motivated master's student with a scholarship at the University of Debrecen, Hungary.
Strong interest in microbiology, ecology, and sustainability, consistently ranked among the top students.

Hands-on research experience and a commitment to contributing to innovative and impactful scientific work.

Contact Information:

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Education:

- MSc in General Biology | Debrecen University, Hungary (2023–Present)
- BSc in Chemistry & Microbiology | Cairo University, Egypt (2017–2021)

Work Experience:

Quality Control Microbiologist | Ingram Factory, Cairo, Egypt (2021–2022)

- Conducted microbiological testing and quality control on raw materials, processes, and final products.
- Performed chemical analyses to ensure compliance with safety regulations.
- Prepared detailed reports on results and corrective actions.

Research Experience:

Independent Research | Debrecen University, Hungary (May 2024 – Dec 2024)

Project: Sexual Selection and Population Structure of *Cetonia aurata*

- Collected and analyzed 130 specimens, identifying sex ratio bias and size differences.
- Conducted chi-squared and t-tests to analyze data.
- Drafted a manuscript for publication in **Insect Conservation and Diversity**.

Volunteer Researcher | Sustainability Office, Cairo University, Egypt (2021–2023)

- Researched sustainability practices and improved environmental impact at the university.
- Prepared reports for competitions including UI GreenMetric.
- Supported national and international sustainability initiatives.

Ongoing Research Project | Debrecen University, Hungary (Sep 2024 – Present)

Project: Phylogenomic Analysis of Yeasts Recovered from Egyptian Artefacts

- Using Illumina sequencing to analyze yeast genomes.
- Investigating evolutionary relationships with modern strains.
- Exploring historical fermentation practices and cultural significance.

Skills:

- R programming, Linux, Microsoft Office
- Data Analysis & Bioinformatics (BLAST, FASTA)
- Lab Techniques: Media prep, Gram staining, ELISA, PCR
- Chemical Analysis: Titration, Spectrophotometry (UV-Vis, FTIR), Chromatography (HPLC, GC)
- Molecular Biology: DNA/RNA extraction, Gel electrophoresis, Genome analysis
- Safety Protocols & GLP

Languages:

- English (IELTS 6.5)
- Korean (Intermediate)
- Arabic (Native)

- French (Intermediate)
- Hungarian (B1)
- Bahasa Indonesian (Intermediate)