

EMAN MAMDOH FATHY ELSHIAL

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https://scholar.google.com/citations?user=yUxHn_EAAAAJ&hl=en&oi=ao

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Alexandria, Egypt

Work Experience



- **Pharmacist** | El-Werdian Pharmacy
May 2015 to April 2018
- **Pharmacist** | Al-Galaa Pharmacy
May 2018 to August 2019
- **Demonstrator** | Department of
Pharmacognosy, Faculty of Pharmacy,
Horus University, New Damietta, Egypt
September 2019 to December 2023
- **Assistant Lecturer** | Department of
Pharmacognosy, Faculty of Pharmacy,
Horus University, New Damietta, Egypt
January 2024 until now

Education History



Master's degree in Pharmaceutical Sciences
(Pharmacognosy) | Tanta University
Class of 2023



Bachelor of Pharmaceutical Sciences |
Mansoura University
Class of 2013

- Excellence with Honor

Relevant Skills

- Creativity
- Team working
- Communication Skills
- Scientific Paper writing
- Leadership qualities
- Excellent presentation of
information
- Fundamentals of digital
transformation

Languages

- Arabic (Native)
- English (Upper intermediate)
- Korean (Upper intermediate)

Volunteer Work

Volunteer, The Good Youth
foundation
2011 until 2013

Head of health committee, Life
Makers foundation
2015 until now

RESEARCH EXPERIENCE

- Isolation of bioactive plant constituents using chromatographic techniques (column chromatography using different stationary phases as silica, reversed phase and Sephadex).
- Processing of NMR data by MastReNova software.
- Interpretation of the results of different spectroscopic techniques.
- Structural elucidation of natural products of promising biological activity, using different spectroscopic techniques (UV, IR, 1D and 2D-NMR).
- Assessment of the plant crude extract, fractions and pure isolated compounds as: Antioxidant, Cytotoxic, antibacterial and hepatoprotective agents.
- Familiarity of different analytical techniques (Spectrophotometer, HPLC, Centrifuge, Sensitive Balance, Drying Oven).
- Search and collection of scientific material via the textbooks and websites.
- Writing and organization of thesis and papers of medicinal plants and phytochemistry.

PUBLICATIONS

- Elucidation of Natural Components of *Gardenia thunbergia* Thunb. Leaves: Effect of Methanol Extract and Rutin on Non-Alcoholic Fatty Liver Disease **EM EL-Shial**, A Kabbash, M El-Aasr, OA El-Feky, SA El-Sherbeni, **Molecules** 28 (2), 879 **2023**
- GC-MS Analysis of Bioactive Compounds of *Gardenia thunbergia* Thunb. Leaves and Antibiofilm Potential against *Staphylococcus aureus* Clinical Isolates **EM EL-Shial**, A Kabbash, M El-Aasr, E Elekhawy, SA El-Sherbeni, **Journal of Advanced Medical and Pharmaceutical Research** **2023**

WORKSHOPS AND SCIENTIFIC SESSIONS

- Plants biotechnology and its applications, Faculty of Pharmacy - Horus University, 20/2/2024
- Heterologous expression, Faculty of Pharmacy - Horus University, 25/6/2023
- Course Specification according to NARS 2009, Faculty of Pharmacy - Horus University, 6/8/2022
- Last training year in pharm D program, Faculty of Pharmacy - Horus University, 13/8/2022
- Tyrosine kinase inhibitors and molecular modeling, Faculty of Pharmacy - Horus University, 16/8/2022
- Competency based medical education, Faculty of Pharmacy - Horus University, 17/8/2022
- Use of rubric in student assessment, Faculty of Pharmacy - Horus University, 22/8/2022
- Plant tissue culture, Faculty of Pharmacy - Horus University, 24/8/2022
- Course Specification according to NARS 2017, Faculty of Pharmacy - Horus University, 24/8/2022
- The use of technology in the blended teaching, , Faculty of Pharmacy - Horus University - Egypt, 4/1/2021.
- References management using Endnote program, , Faculty of Pharmacy - Horus University - Egypt, 5/1/2021.
- Academic writing, , Faculty of Pharmacy - Horus University - Egypt, 26/1/2021 - 27/1/2021.
- Lab Safety: Risk-Benefit Ration, , Faculty of Pharmacy - Horus University - Egypt, 27/1/20221
- Microsoft Office (Excel & PowerPoints Tips and Tricks), , Faculty of Pharmacy - Horus University - Egypt, 31/1/2021.
- Mass Spectrometry/Natural Product, , Faculty of Pharmacy - Horus University - Egypt, 31/1/2021
- Communication skills - Interview skills - C.V. Writing skills - Negotiation skills - Pharmacy visits rules and Selling skills - Mind map and speed reading. (Workshops By corporation with EIPICO Company Training center), , Faculty of Pharmacy - Horus University - Egypt, 30/1/2021 - 1/2/2021.

TEACHING EXPERIENCE



- Pharmacognosy
- Phytochemistry
- Plant biotechnology
- Phytotherapy
- Preparing, delivering, and organizing the laboratory and tutorial sessions.

DIFFERENT COMMITTEES AND ADMINISTRATIVE POSITIONS

- 2022 until now
Member of the Community Service and Environmental Development Committee, Horus University - Egypt, New Damietta, Egypt.
- 2022 until now
Leader of a student family, Faculty of Pharmacy, Horus University - Egypt
- 2019 until now
Academic advisor for students at Different levels Faculty of Pharmacy, Horus University - Egypt.
- 2022 until now
General Supervisor of yard Sale, Faculty of Pharmacy, Horus University - Egypt.
- 2022 until now
Member of the Faculty Quality Assurance Center, Faculty of Pharmacy, Horus University - Egypt.
- 2020 until now
Member of the University Website Development Team, Faculty of Pharmacy, Horus University - Egypt.

CONFERENCES

- Participated in 1 st Scientific Conference in Pharmaceutical Sciences, Pharmacy between present and future challenges, Organizer and Poster presentation Faculty of Pharmacy, Horus University - Egypt, 21 May 2023.

HONORS AWARDS

- Certificate of **Appreciation** of the outstanding and fruitful efforts in the college and the Department of Pharmacognosy, Faculty of Pharmacy, Horus University - Egypt.
- **Best Student Award** and certificate of appreciation for completion of course of Korean and culture exchange class with great achievements and development for the private class from Korea Konnect connect organization.
- Many certificates regarding **English and Korean languages proficiency**.