



Curriculum Vitae



Manar Galal Ahmed Salem

lecturer

Department of Pharmaceutical Organic Chemistry

Faculty of Pharmacy

Suez Canal University

Ismailia, Egypt

Tel.: +201278601483

Tel.: +97455152683

E-mail: drmanargalal@yahoo.com

manar_salem@pharm.suez.edu.eg

Personal

Name: **Manar Galal Ahmed Salem**

Date of birth: 1st April 1985

Gender: Female

Nationality: Egyptian

Marital Status: Married

Academic

Qualifications

- **Bachelor of Pharmaceutical Sciences with overall grade (excellent with honor), May 2006.** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **M.Sc. in pharmaceutical Sciences (Organic Chemistry), 2017,** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **Doctor of Philosophy; PhD in pharmaceutical Sciences (pharmaceutical Organic Chemistry), 2020,** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.



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Work history

2011-2017 Demonstrator of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.

2017- 2020 Assistant Lecturer of Pharmaceutical Organic Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.

2020-now Lecturer, Pharmaceutical Organic Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.

2020-now Academic Advisor for PharmD students.

2017-now Clinical nutritionist and obesity specialist, Ain Shams university (open learning center), Ministry of Health and Population.

Activities Teaching

1. Participate in teaching pharmaceutical organic chemistry courses for students of the first and second year (Faculty of Pharmacy - Suez Canal University).

2. Participating in teaching and supervising the practical courses of pharmaceutical organic chemistry courses.

3. Participation in monitoring and control work, Faculty of Pharmacy - Suez Canal University for undergraduate students I, II, III, IV and postgraduate (master's degree) and Pharm D.

5. Teaching courses (pharmaceutical organic chemistry 1 - pharmaceutical organic chemistry 2- pharmaceutical organic chemistry 3- chemistry of polymers - spectra of organic compounds - named reactions for postgraduate (master's & PhD degrees) - research project).

6. Participation in the preparation of technical and financial reports for the purchase of chemicals, glassware, and scientific equipment for scientific departments in the Faculty of Pharmacy - Suez Canal



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University, 2011-2017.

Thesis

Scientific production

- Master thesis "**Design, Synthesis and Biological Evaluation of Novel Heterocyclic Compounds as Potential Antidiabetic Agents**"
- PhD thesis "**Synthesis and Biological Evaluation of Novel Heterocyclic Compounds Targeting Aldose Reductase as New Trend in Diabetes Treatment**"

Supervised thesis

- Synthesis of Novel N-heterocyclics with Potential Biological Activities, October 2020
- Design, Synthesis and Molecular Docking of Novel Thiazole Derivatives and Evaluation of Their Anti-Breast Cancer Activity, January 2022

Publications

- **Molecular modelling and synthesis of spiroimidazolidine-2,4-diones with dual activities as hypoglycemic agents and selective inhibitors of aldose reductase.**
Manar G. Salem, Yasmine M. Abdel Aziz, Marwa Elewa, Hosam A. Elshihawy, Mohamed M. Said. Journal of Bioorganic chemistry 79 (2018) 131-144
- **Synthesis and molecular modeling of novel non-sulfonylureas as hypoglycemic agents and selective ALR2 inhibitors.**
Manar G. Salem, Yasmine M. Abdel Aziz, Marwa Elewa, Hosam A. Elshihawy, Mohamed M. Said. Journal of Bioorganic & Medicinal Chemistry 27 (2019) 3383-3389.



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- **Synthesis, molecular modeling, selective aldose reductase inhibition and hypoglycemic activity of novel meglitinides.**

Manar G. Salem, Yasmine M. Abdel Aziz, Marwa Elewa, Mohamed S. Nafie, Hosam A. Elshihawy, Mohamed M. Said. *Journal of Bioorganic Chemistry* 111 (2017) 104909.

- **Novel 1,3-Thiazole Analogues with Potent Activity against Breast Cancer: A Design, Synthesis, In Vitro, and In Silico Study.**

Manar G. Salem, Dina M. Abu El-Maaty, Yassmina I. Mohey El-Deen, Basem H. Elesawy, Ahmad El Askary, Asmaa Saleh, Essa M. Saied, Mohammed El Behery. *Journal of Molecules* 27 (2022) 4898.

Conferences & Appreciation Certificates

- **Second Conference of Young Researchers**, Suez Canal University, 24-25 October 2015.
- **Third Conference of Young Researchers**, Suez Canal University, 7-8 May 2016, "Quality, Excellence and sustainability"
- **First International Conference** of Pharmaceutical and Medical Sciences, Faculty of Pharmacy, Suez Canal University, 1-2 April 2017.
- **First annual Conference for postgraduates**, Faculty of Pharmacy - Suez Canal University, 3 December 2018, "Pharmaceutical science... Innovation & Development"
- **Second international conference**, faculty of pharmacy, Suez Canal University, 8-9 December 2019 (attendance and participation in poster session).



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- **Seventh young researchers conference**, Suez Canal University, 17-18 May 2020, “**Science and Technology Digitalization**” (oral presentation).
- **Appreciation Certificate of Outstanding scientific production**, Suez Canal University, 2017-2018
- **Appreciation Certificate of Research excellence** 2018-2019
- **Appreciation Certificate of Control, correction and monitoring works**, faculty of pharmacy, Suez Canal University 2020.
- **Professional diploma clinical nutrition and obesity**, Ain Shams university (open learning center), Ministry of Health and population, December 2017.

Courses, Training Sessions, and Workshops

- **Master General Courses:** English Language & Literature Review (25 hr), Computer Sciences (50 hr), and Biostatistics (25 hr) **(Overall Grade Excellent)**.
- **Master Special Courses:** Organic Synthesis (Retro synthesis) (25 hr), Named Organic Reactions (25 hr), Separation & Identification Of Organic Compounds (Chromatography) (25 hr), Drug Design & Pharmacological Activity (25 hr), and Structure Elucidation (Spectroscopy) (25 hr) **(Overall Grade Excellent)**.
- **Teaching and learning strategies**, Quality Assurance unit, Faculty of Pharmacy - Suez Canal University - 13 October 2015.
- **Responsible conduct of research “How to avoid plagiarism, falsification, and fabrication”** Technology Innovation and Commercialization office- Suez Canal University - 10 May 2016.
- **Improving scientific writing**, Quality Assurance unit, Faculty of Pharmacy - Suez Canal University - 31 May 2016.
- **Spreadsheets 2010, power point 2010, and Web authoring**



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using dream weaver, University Education Development Center- Suez Canal University on 2-6 April 2017.

- **Ethics of scientific research and research methods**, University Education Development Center- Suez Canal University on 10-11 May 2017.
- **University Teacher Preparation (effective teaching, uses of technology, and micro teaching**, University Education Development Center- Suez Canal University on 20-25 May 2017.
- **Skills Using Global Databases in a global Research"** faculty and leadership Department Center FLDC, Suez Canal University, 15-16 January 2020.
- **Strategic Planning**, faculty and leadership Department Center FLDC, Suez Canal University, 20-21 January 2020.
- **Examination systems and student assessment**, faculty and leadership Department Center FLDC, Suez Canal University, 28-29 January 2020
- **Advanced power point**, faculty and leadership Department Center FLDC, Suez Canal University 5-6 February 2020.
- **Effective communication skills**, faculty and leadership Department Center FLDC, Suez Canal University, 17-18 February 2020.
- **Advanced Spread Sheets**, faculty and leadership Department Center FLDC, Suez Canal University, 25-26 February 2020.