



Nagat G. Abady

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Personal

Name: **Nagat Ghareb Abady Salem**

Date of birth: 21st September 1981

Gender: Female

Nationality: Egyptian

Marital Status: Single

Academic

Qualifications

- **Bachelor of Pharmaceutical Sciences with overall grade (excellent with honor), May 2003.** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **M.Sc. in pharmaceutical Sciences (Organic Chemistry), July 2007,** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **Doctor of Philosophy; PhD in pharmaceutical Sciences (Organic Chemistry), 2010,** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.



Curriculum Vitae



Work history

2003-2007 Demonstrator of Organic Chemistry, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.

2007- 2010 Assistant Lecturer, Organic Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.

2010-now Lecturer, Organic Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.

2018-2019: Assistant Professor, **Sattam Bin Abdul-Aziz university, Hotat Bani Tammi, Kingdom of Saudi Arabia**

Activities Teaching

1. Participate in teaching **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 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
4. Member in the formation of **the Central Control** 2016.
5. **Teaching courses** (organic chemistry 1 - organic chemistry 2- chemistry of polymers - spectra of organic compounds - chemistry of petroleum and its products - mechanics of organic reactions - chemistry of natural products - research project) at Sattam bin Abdul Aziz University in Saudi Arabia from March 2018 to May 2019.
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 University, 2004-2015.
7. Member of the Higher Committee for Examinations at the College



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for the academic year 2016/2017

8. Head of the Graduate Studies and Scientific Research Unit, Faculty of Science, Sattam Bin Abdulaziz University, Saudi Arabia, for the academic year 2018/2019.

Quality & Accreditation

- Participate in the preparation of **self-study** of the Faculty of Pharmacy, Suez Canal University, 2010, 2011, 2012, 2013, 2014, 2015.2016.2017.2018.2022
- Head of Standard graduate.
- Preparation of a proposal for the development of graduate programs (M.Sc. and Ph.D, Pharm D. Diploma) by credit hours system Faculty of Pharmacy 2014.2019
- Participate in the preparation of course specifications and course reports of undergraduate organic chemistry programs.
- Participate in the preparation of course specifications and course reports of postgraduate (Master- PhD- Diploma) in organic chemistry. 2010-2023
- An active member of Higher Education Enhancement of Pharmacy Courses Project (**HEEPF**), Suez Canal University, Ismailia- Egypt. 2007
- An active member of the implementation team of Quality Assurance and Accreditation Project (**QAAP**), Faculty of Pharmacy, Suez Canal University, Ismailia- Egypt. 2005-2022
- An active member of the implementation team of Continuous Improvement and Qualifying for Accreditation Project (**CIQAP**), Faculty of Pharmacy, Suez Canal University, Ismailia- Egypt. 2012-2015.



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- Attendance the workshop entitled (**teaching and learning strategies**)2015.
 - Attendance the workshop entitled (**The examination paper and control works specifications**) 2015.

Supervised thesis

- Supervising the Master thesis entitled "Synthesis and Biological Importance of Some Nitrogenous Heterocyclic Compounds" April 2011.

Thesis

Scientific production

- Master thesis " **Synthesis of Certain Indole-2-Carboxylate Derivatives of Biological Interest "**
- PhD thesis "**Synthesis and Antioxidant Activity of Some Heterocyclic compounds"**

Publications

- 2-Phenylquinazolin-4(3H)-one scaffold as newly designed, synthesized VEGFR-2 allosteric inhibitors with potent cytotoxicity through apoptosis, **Arch. Pharm. 2023.**
- The design and synthesis of potent benzimidazole derivatives via scaffold hybridization and evaluating their antiproliferative and proapoptotic activity against breast and lung cancer cell lines, **The Royal Society of Chemistry, and the Centre National de la Recherche Scientifique 2022**
- Synthesis and Molecular Docking Investigations of Ring-Fused Benzimidazoles as Novel Acetylcholinesterase Inhibitors, **Rec. Pharm. Biomed. Sci. 7 (1), 115-124, 2023.**

- Anti-cancer activity of two novel heterocyclic compounds through modulation of VEGFR and miR-122 in mice bearing Ehrlich ascites carcinoma, **European Journal of Pharmacology,2020**
- **Nagat Ghareb**, Pierre A. Hanna and Mohamed M. Said. Synthesis and Biological Activities of Novel Indole-3-Carbinol and (Benzimidazolylmethyl) Triazole-3, 4-Diamine Derivatives, African Journal of Pharmaceutical Sciences and Pharmacy 2012; (3)41–65.
- Ranza A. Elrayess, **Nagat Ghareb** , Marwa M. Azab, Mohamed M. Said. Synthesis and Antimicrobial Activities of Some Novel Benzimidazole and Benzotriazole Derivatives containing β -Lactam Moiety. Life Science Journal 2013; (10) 1784-1793.
- **Nagat Ghareb**, Mohamed M. Abdel Daim, Norhan M. El-Sayed, Mohamed Saleh Elgawish. Synthesis, molecular modelling, and preliminary anticonvulsant activity evaluation of novel naphthalen-2-yl acetate and 1,6-dithia-4,9- diazapiro [4.4] nonane-3,8-dione derivatives. Bioorganic Chemistry; 2017, (71)110–119.
- **Nagat Ghareb**, Hosam A. Elshihawy, Mohamed M. Abdel-Daim, Mohamed A. Helal. Novel pyrazoles and pyrazolo[1,2-a]pyridazines as selective COX-2inhibitors; Ultrasound-assisted synthesis, biological evaluation, and DFT calculations, Bioorganic & Medicinal Chemistry Letters

2017; (27) 2377–2383.

- **Nagat Ghareb**, Norhan M. El-Sayed, Reda Abdelhameed, Koji Yamada, Mohamed Saleh Elgawish. Toward a treatment of diabetes: Rational design, synthesis and biological evaluation of benzene-sulfonamide derivatives as a new class of PTP-1B inhibitors, *Bioorganic Chemistry* 2019; (86) 322-338.
- **Nagat Ghareb**, Mohamed Saleh Elgawish. Design and Synthesis of some Azoles Incorporating Sulphadiazine Derivatives as Protein Tyrosine Phosphatase-1B inhibitors, *Records of Pharmaceutical and Biomedical Sciences* 2019; 3 (2) 81-90.
- Mohamed M. Said, **Nagat Ghareb**, Pierre Hanna and Adel A. El-Gendy. Synthesis and Antioxidant Activity of Novel Indole Heterocycles, *Egypt. J. Biomed. Sci.* (2009), 30, 1-19.
- Mohamed M. Said, **Nagat Ghareb**, Pierre Hanna and Adel A. El-Gendy. Synthesis and Antioxidant Activity of Some Novel Functionalized N-Substituted Benzimidazole Derivatives, *Egypt. J. Biomed. Sci.* (2009), 30, 64-83.
- Mohamed M. Said, **Nagat Ghareb**, Pierre Hanna and Adel A. El-Gendy. Synthesis and Antioxidant Activity of Some Benzimidazole and Indole Derivatives Containing [1, 2, 4]Triazole Ring, *Egypt. J. Biomed. Sci.* (2009), 30, 84-93.
- Adel A. El-Gendy, Mohamed M. Said, **Nagat Ghareb**, Yasser M. Mostafa, and El Sayed H. El-Ashry. Synthesis and Biological Activity of Functionalized Indole-2-carboxylates,



Triazino- and Pyridazino-indoles, Arch. Pharm. Chem. Life Sci.
2008, 341, 294 – 300.

Conferences

- The 1th University Conference on **Scientific Research Ethics**" in the Suez Canal University, Ismailia- Egypt, May 2009.
 - **4th International Conference on Natural Toxins** Ismailia- Egypt 20-22 December 2010.
 - Attended and presented in **the XXXII Conference of Pharmaceutical Sciences**, December 2011. research title : "Synthesis and biological activity of novel indole-3-carbinol and triazolo-3,4-diamine benzimidazole derivatives
 - Attended **the 5th International Conference on Natural Toxins** Cairo-Egypt 17-19 December 2012.
 - **The first scientific conference for young researchers** held in the period from 6 to 7 March 2013, Suez Canal University, Ismailia, Egypt.
 - **First Conference of the Faculty of Pharmacy** - Suez Canal University - Conference Hall - 23 February 2015.
 - **The fourth scientific conference for students** of the Faculty of Pharmacy - Mansoura University - Conference Hall - 5-6 April 2015.
 - Attended and presented in **The Second Conference of Young Researchers**, Suez Canal University, 24-25 October 2015, research title, Synthesis of novel aza containing heterocycles of possible analgesic and anti-inflammatory activities
 - **Third Conference of Young Researchers**, Suez Canal University, 7-8 May 2016.
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- **First International Conference of Pharmaceutical and Medical Sciences**, Faculty of Pharmacy, Suez Canal University, 1-2 April 2017.
- **First Conference of Suez Canal University for Clinical Pharmacy** on 25 November 2017.

Training Sessions

- **April 2-12, 2007. Vocational Education Preparing Programs For University Teachers: Effective Teaching, The Use of Technology In Teaching, Microteaching** (72 hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- **May 13-16, 2006. Methods of Scientific Research** (24 hr).
- **May 20-22, 2006. Effective Communication Skills** (16 hr).
- **May 9-11, 2006. Thinking Skills.** (16 hr).
- **September 24, 2007. Microsoft E-Content Development training.**(30hr)
- **May 11-13, 2008. Quality Standards In The Teaching Process** (16 hr).
- **May 20-22, 2008. Credit Hours**(16 hr).
- **May 25-27, 2008. Ethics of Scientific Research** (16 hr).
- **July 1-17, 2008. E-Content Program (3D animation flash, Photoshop, Dream Weaver)**(80 hr).
- **Concepts of IT** (Feb 2014)
- **Local and International Competitive Research Project** (23-24 February 2014)
- **Advanced PowerPoint** (January 2017)



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- **Organization of Scientific Conferences** (18-19 January 2017)
 - **International Scientific Publishing** (8-9 February 2017)
 - **Time and Meeting Management (Intensive)** (February 16, 2017)

Membership in professional organization

- Membership of the General Union of Egyptian Pharmacists.
- Membership of the Sub-Syndicate of Pharmacists in Ismailia.
- Membership of the Egyptian Society of Natural Toxicology.
- Membership of the Faculty Members Club.

Student Activity

- Member of the Supervisory Committee on the **Academic Advising Plan** (Academic Support) 2016) at Faculty of Pharmacy, Suez Canal University, Ismailia- Egypt
- Member of the Committee for **the development of programs and decisions** in the faculty 2017.
- Participation in **the first student conference** in the college on 23 February 2015.
- Participation in the application of health activities in the program of **the University of the Child** held in cooperation between the University of Suez Canal and the Academy of Scientific Research and Technology in the period from 16-27 August 2015.
- Participation in **the best student project** for the academic year 2014-2015 in the offices of technological innovation and marketing at the University of Suez Canal.
- Participation in **the best student project** for the academic year 2015-2016 in the offices of technological innovation and marketing at the University of Suez Canal.
- Participation in **the Fourth Forum of the Faculties of Pharmacy**, Ain Shams University, March 2016



Curriculum Vitae



- **Academic Advisor for Clinical Pharmacy students** from 2014-2015.
- **Academic Adviser for Masters and PhD students** for the academic year 2016/2017.
- Supervising the work of students participating in **the third scientific forum** (scientific research axis) at Sattam bin Abdul Aziz University in Saudi Arabia for the academic year 2018/2019.
- Participate in the medical convoys 2008-2014.

Workshop

- November 2nd, 2009. **Clinical Pharmacy Seminar Series** (Drug Induced Gastrointestinal Ulceration, New Drug Update: A formulary Approach, and Update on GERD and Proton Pump Inhibitor Safety (4hr). College of pharmacy, The University of Georgia and Misr International University.
- Attendance the **Human Development festival** " Goal Setting- Time Management- Phasing from Anxiety of Exam- Self Motivation- How to feel Happy- Know Yourself- Development Your life- How to Organize Your Life" 23, 30 April 2010, Suez Canal University, Ismailia, Egypt.
- Attendance a workshop on "**Intellectual property Rights**" December 5th 2010 Faculty of Pharmacy, Suez Canal University. Ismailia
- Attendance the seminar entitled "**Quality control of treated wastewater as irrigation resource**" January 27, 2010, Spanish Egyptian Cooperation program, Faculty of Pharmacy, Suez Canal University. Ismailia.
- Attendance **the positive step training** 14-30 July 2010.



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- Attendance **ISO 9001-2008 Awareness & Internal Audit Program** Granted at 20-222 Nov.2010.
- Attendance the **Digital Library workshop**(Portal- Wiley Blackwell- Science Direct- Springer- ISI- Academic one file- EBSCO Parquets- Med line plus full text ASC), Ismailia, 16-17 May 2011.
- Attendance the workshop entitled "**Is there a Need for Clinical Pharmacy in Egypt?**" at Suez Canal University Hospital on 4th March 2012.
- Attendance the workshop entitled "**Skills Using Global Databases in a global Research**" at Suez Canal University, 16-17 October 2012.
- Attendance the comprehensive courses in "**The Power of Human Energy and The art of Dealing with Difficult personalities**" Suez Canal University, 21-22 November 2012.
- Attendance the workshop entitled "**New Trends of Preventing Public Food Poisoning Nationwide**" at Faculty of Pharmacy, Suez Canal University, 6 November 2012.
- Attendance the workshop entitled "**strategic planning** 8-10 April 2013 - Faculty of Pharmacy - Suez Canal University.
- Attendance the workshop entitled "**Safety Measurements in Pharmacy Laboratories** on 30 September 2013 - Faculty of Pharmacy - Suez Canal University.
- Attendance **the activation of e-courses** on 28 October 2013 - Faculty of Pharmacy - Suez Canal University.
- Attendance the workshop entitled "**how to write Effective Research Proposal** in December 2013 - Faculty of Pharmacy - Suez



Canal University.

- Attendance the workshop entitled " **1stst Workshop on Chemical Safety and Security from 29-30** December 2013 - Department of Community Medicine, Industrial Medicine and Environmental Health - Suez Canal University.
- Attendance the workshop entitled " **Creating a Google Scholar Account** on 20 January 2014 - Information Technology Unit Faculty of Pharmacy - Suez Canal University.
- Attendance the workshop entitled " **Using SPSS program** on February 27, 2014 - Information Technology Unit Faculty of Pharmacy - Suez Canal University.
- Attendance the workshop entitled " **Using MIS program** in Exam Controls on September 21, 2014 - Information Technology Unit, Faculty of Pharmacy, Suez Canal University.
- Attendance the workshop entitled " **Chemistry and Biology Laboratory Safety** on December 17, 2014 - Grand Conference Hall, Suez Canal University.
- Attendance the workshop entitled " **the basics of writing scientific research and international publication in magazines with high impact factor** on 2 March 2016 in the offices of technological innovation and marketing at the University of Suez Canal.
- Attendance the workshop entitled " **responsible scientific research (how to avoid scientific theft)** on May 10, 2016 in the offices of technological innovation and marketing at Suez Canal University.

- Attendance the workshop entitled "**how to apply in the international grant in the exchange of researchers between Egypt and Germany**" on November 15, 2016 at the offices of technological innovation and marketing at Suez Canal University.
- Attendance the workshop entitled "**the concepts of patents: how to succeed in registering your invention**" on February 21, 2017 at the offices of technological innovation and marketing at Suez Canal University.
- Attend a training course entitled **administrative competencies of leaders** in the Faculty of Pharmacy - Suez Canal University on 9/8/2017.
- Attend a **training course entitled ethics of scientific research and research methods**, Faculty of Pharmacy - Suez Canal University on 16/10/2017.
- Attend the training program at **the Deanship of Development and Quality** at Sattam bin Abdulaziz University in Saudi Arabia on 5-6 September 2018.
- Attend a training workshop entitled **the use of Google models in scientific research** at the University of Sattam bin Abdul Aziz in Saudi Arabia on October 16, 2018.
- Attending a training workshop entitled **the skills of arbitration of scientific papers and research proposals** at the University of Sattam bin Abdul Aziz in Saudi Arabia on 25 October 2018.
- Attendance of the forum of **artificial intelligence** at Sattam bin Abdul Aziz University in Saudi Arabia for the academic year 30 January 2019.



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