

CURRICULUM VITAE



Personal Information

Family name Saddik
Date of birth 19/01/1985
Address Faculty of pharmacy ,Sohag University, Sohag (Egypt)
Tel. 002 0102 527202
Status Married with three children
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Education

24/01/2017 **Doctor of Pharmaceutical Sciences, Pharmaceutics (Ph.D)**
Assiut university, Assiut (Egypt)
Title: “*Formulation and Clinical Evaluation of Some Topical Pharmaceutical Dosage Forms of Methylene Blue for Photodynamic Therapy*”

24/07/2011 **Master degree in Pharmaceutical Sciences, Pharmaceutics**
Faculty of Pharmacy, Assiut University, Assiut (Egypt)
Title: “*Formulation and Clinical Evaluation of Some Topical Pharmaceutical Dosage Forms of Phenytoin*”

22/07/2006 **Bachelor of Pharmaceutical Sciences**
Faculty of Pharmacy, Assiut University, Assiut (Egypt)

Work Experience

21/09/2024 till present **Associated professor of pharmaceutics**, College of Pharmacy, Al-Ayen Iraqi University, Thi-Qar,Iraq.

29/06/2022 -20/09/2024 **Associated Professor** of Pharmaceutics and Clinical pharmacy, Faculty of Pharmacy, Sohag University

13/09/2022 -20/09/2024 **Coordinator of the clinical pharmacy program**

27/02/2017- 27/06/2022 **Lecurer of Pharmaceutics and Clinical pharmacy**, Faculty of Pharmacy, Sohag University

12/10/2014–26/02/2017 **Assistant Lecturer of Pharmaceutics and Clinical pharmacy**
Faculty of Pharmacy, Sohag University, Sohag (Egypt).

24/07/2007–11/10/2014 **Pharmacist in Al-azhar University Hospital**
Faculty of Medicine, Al-azhar University, Assiut (Egypt).

Scientific Activities

1. Research

A- Patents

1- Sulfasalazine-loaded zinc oxide nanoparticles for the treatment of ulcerative colitis

(US11730759B1)

2-Polymeric clotrimazole biofilm for the treatment of otomycosis

(US11844781B1)

3-Combination treatment for antibiotic resistant infections

(US12083220B1)

- Two patent in progress

B- Publications

- 1- Ahmed Moustafs El-Sayed , Essam-El-Dien Mohamed , Mona Mostafa El-Mahdy and **Mohamed Shreif Saddik**. Clinical Efficacy of Novel Phenytoin Patch for Treating Chronic Diabetic ulcer. Egypton Journal of Dermatology and Venereology vol (30) number 2 may(2010)
- 2- "El-Sayed AM, Ali MF, Mohamed E-EM, EL-Mahdy MM, **Saddik MS**. A NOVEL TREATMENT OF FRECKLES BY PHOTODYNAMIC THERAPY USING CHITOSAN-METHYLENE BLUE HYDROGEL. AL-AZHAR ASSIUT MEDICAL JOURNAL. 2015;13(3):1.
- 3- "Zayed GM, Abd-El Rasoul S, Ibrahim MA, **Saddik MS**, Alshora DH. In vitro and in vivo characterization of domperidone-loaded fast dissolving buccal films. Saudi Pharmaceutical Journal. 2020;28(3):266-73. DOI: [10.1016/j.jsps.2020.01.005](https://doi.org/10.1016/j.jsps.2020.01.005)
- 4- **Saddik MS**, Mohamed E, Elmahdy MM. Preparation and Characterization of Niosomal Carrier System of Hydrophilic Drug (Methylene Blue) for Photodynamic Therapy. Lat Americ J Pharm. 2020;39:561-9.
- 5- El-Mahdy M, Mohamed E-EM, **Saddik MS**, Ali MF, El-Sayed AM. Formulation and clinical evaluation of niosomal methylene blue for successful treatment of acne. Journal of advanced Biomedical and Pharmaceutical Sciences. 2020;3(3):116-26.
- 6- **Saddik MS**, Alsharif FM, El-Mokhtar MA, Al-Hakkani MF, El-Mahdy MM, Farghaly HS, et al. Biosynthesis, characterization, and wound-healing activity of phenytoin-loaded copper nanoparticles. AAPS PharmSciTech. 2020;21(5):1-12.
- 7- **Saddik MS**, Elsayed M, Abdelkader MSA, El-Mokhtar MA, Abdel-Aleem JA, Abu-Dief AM, et al. Novel green biosynthesis of 5-fluorouracil chromium nanoparticles using harpullia pendula extract for treatment of colorectal cancer. Pharmaceutics. 2021;13(2):226. DOI: [10.3390/pharmaceutics13020226](https://doi.org/10.3390/pharmaceutics13020226)

- 8- Al-Hakkani, Mostafa F., Sedky H. A. Hassan, **Mohammed S. Saddik**, Mohamed A. El-Mokhtar, and Samah A. Al-Shelkamy. "Bioengineering, Characterization, and Biological Activities of C@Cu₂O@Cu Nanocomposite Based-Mediated the Vicia Faba Seeds Aqueous Extract." *Journal of Materials Research and Technology* 14 (2021/09/01/ 2021): 1998-2016.
- 9- **Saddik, Mohammed S.**, Mahmoud Elsayed, Mohamed A El-Mokhtar, Haitham Sedky, Jelan A Abdel-Aleem, Ahmed M Abu-Dief, Mostafa F Al-Hakkani, et al. "Tailoring of Novel Azithromycin-Loaded Zinc Oxide Nanoparticles for Wound Healing." *Pharmaceutics* 14, no. 1 (2022): 111.
- 10- Mostafa F Al-Hakkani, Gamal A Gouda, Sedky HA Hassan, **Mohammed Saddik**, Mohamed A El-Mokhtar, Maggie A Ibrahim, Mahmoud Mohamed, Adham M Nagiub Cefotaxime removal enhancement via bio-nanophotocatalyst α -Fe₂O₃ using photocatalytic degradation technique and its echo-biomedical applications. *Sci Rep* 12, 11881 (2022). <https://doi.org/10.1038/s41598-022-14922-3>.
- 11- Makki, M. A. H. M. O. U. D., **Mohammed Saddik**, and Hazem Abdel-Aleem. "Clinical Efficacy of Potassium Hydroxide 10% for the Treatment of Common Warts." *International Journal of Medical Arts* (2022).
- 12- **Saddik, Mohammed S.**, Mahmoud Elsayed, Amany A. Abdel-Rheem, Mohamed A. El-Mokhtar, Eisa S. Mosa, Mostafa F. Al-Hakkani, Samah A. Al-Shelkamy, Ali Khames, Mohamed A. Daha, and Jelan A. Abdel-Aleem. "A Novel C@ Fe@ Cu Nanocomposite Loaded with Doxorubicin Tailored for the Treatment of Hepatocellular Carcinoma." *Pharmaceutics* 14, no. 9 (2022): 1845.
- 13- Mohammed, H.A., Amin, M.A., Zayed, G., Hassan, Y., El-Mokhtar, M. and **Saddik, M.S.**, 2023. In vitro and in vivo synergistic wound healing and anti-methicillin-resistant *Staphylococcus aureus* (MRSA) evaluation of liquorice-decorated silver nanoparticles. *The Journal of Antibiotics*, pp.1-10.
- 14- Hosny, Shimaa, Randa F. Abd El-Baki, Zeinab H. Abd El-Wahab, Gamal A. Gouda, **Mohammed S. Saddik**, Ateyatallah Aljuhani, and Ahmed M. Abu-Dief. 2023. "Development of Novel Nano-Sized Imine Complexes Using *Coriandrum sativum* Extract: Structural Elucidation, Non-Isothermal Kinetic Study, Theoretical Investigation and Pharmaceutical Applications" *International Journal of Molecular Sciences* 24, no. 18: 14259. <https://doi.org/10.3390/ijms241814259>
- 15- Al-Hakkani MF, Ahmed N, Abbas AA, Hassan MHA, Aziz HA, Elshamsy AM, Khalifa HO, Abdelshakour MA, **Saddik MS**, Elsayed MMA, et al. Synthesis, Physicochemical Characterization using a Facile Validated HPLC Quantitation Analysis Method of 4-Chloro-phenylcarbamoyl-methyl Ciprofloxacin and Its Biological Investigations. *International Journal of Molecular Sciences*. 2023; 24(19):14818. <https://doi.org/10.3390/ijms241914818>
- 16- Mahmoud A Hashem, Badriyah S Alotaibi, Mahmoud MA Elsayed, Manal E Alosaimi, Amal K Hussein, Maram H Abduljabbar, Kyung-Tae Lee, Hamdy Abdelkader, Mohamed A El-Mokhtar, Ahmed HE Hassan, Amany A Abdel-Rheem, Amany Belal, **Mohammed S Saddik**, Characterization and Bio-Evaluation of the Synergistic Effect of Simvastatin and Folic Acid as Wound Dressings on the Healing Process. *Pharmaceutics*. 2023; 15(10):2423. <https://doi.org/10.3390/pharmaceutics15102423>
- 17- Alsehli, B. R., Hassan, M. H., Mohamed, D. S., **Saddik, M. S.**, & Al-Hakkani, M. F. (2024). Enhanced cytotoxic efficacy against MCF-7 and HCT116 cell lines and high-performance cefoperazone removal using biogenically synthesized CeO₂ nanoparticles. *Journal of Molecular Structure*, 1318, 139261.

18- Abou-Taleb, H. A., Mohamed, M. S., Zayed, G. M., Abdelaty, L. N., Makki, M. A., Abdel-Aleem, H. L., ... & **Saddik, M. S.** (2024). HPMC-Zein Film-forming Gel Loaded with 5-Fluorouracil Coupled with CO2 Laser Dermabrasion for Managing Stable Vitiligo. *AAPS PharmSciTech*, 25(7), 225.

19- Alluhayb, A. H., Al-Hakkani, M. F., Abdunasser, M., Alsehli, B. R., **Saddik, M. S.**, Hassan, M. H., & Saleh, D. S. M. A Validated High-Performance Liquid Chromatography-Ultraviolet (Hplc-Uv) Method for the Determination of Valproic Acid Derivatives in Pharmaceutical Formulations with a Microbiological Suitability Evaluation. Available at SSRN 4956727.

C. Conferences.

1-NUB 2nd - Conference of Scientific Research in Pharmacy Future Insight Faculty of Pharmacy – Nahda University from 11-12 March 2019.

2-1st Conference of pharmaceutical sciences, faculty of pharmacy Bader university in cairo online on 6 th November 2021

2. Teaching

- Teaching the “Pharmaceutics 1 ” course for 2nd year, undergraduate pharmacy students, (pharm D) Sohag University.
- Teaching the “Pharmaceutics III ” course for 3th year, undergraduate pharmacy students, (pharm D) Sohag University.
- Teaching the “Physical pharmacy” course for 1st year, undergraduate pharmacy students (pharm D) , Sohag University.
- Teaching the “Physical Pharmacy” course for 1st year, undergraduate clinical pharmacy students, Sohag University.
- Teaching the “Community Pharmacy” course for 3th year, undergraduate clinical pharmacy students, Sohag University.
- Teaching the “Controlled drug delivery” course for 4th year, undergraduate clinical pharmacy students, Sohag University.
- Teaching the “Pharmacy orintation” course for 1st year, undergraduate clinical pharmacy students, Sohag University.
- Teaching the “Clinical pharmacy-1” course for 4th year, undergraduate clinical pharmacy students Sohag University.
- Teaching the “Pharmaceutical dosage form1” course for 2nd year, undergraduate clinical pharmacy students (pharm D) , Sohag University
- Teaching the “Pharmaceutical dosage form III ” course for 3th year, undergraduate clinical pharmacy students (pharm D) , Sohag University.

- Teaching the “Pharmaceutics II ” course for 2nd year, undergraduate pharmacy students, (pharm D) Sohag University.
- Teaching the “Pharmacy orientation ” course for 1st year, undergraduate pharmacy students, (pharm D) Sohag University
- Teaching the “Pharmaceutical Legislations & Regulatory Affairs” course for 3th year, undergraduate pharmacy students, (pharm D) Sohag University

3. TRAINING COURSES AND WORKSHOPS:

1- workshop on “Student-Centered Learning (SCL) in practice” Cairo University, Erasmus+ national TEMPUS office-, Egypt, 27-28, Feb, 2019.

2- Training course on “The internal review program for educational institutions ” Sohag University, Quality Assurance Center, Egypt, 28 hours during March and April, 2019.

3- Training course on “Anti-Corruption” Sohag University, Faculty and Leadership Development Center, Egypt, 9-10 December, 2020.

4- Training course on “Fundamentals of Digital Transformation Certificate (Modules; Fundamentals of IT, Operating System and Word Processing).Center of Knowledge and E-Services , Egypt, March, 2021.

5- Training course on “Scientific Publication” Sohag University, Faculty and Leadership Development Center, Egypt, 29-30, September, 2021

6- Training course on “Examination and student evaluation systems for colleges and institutes of higher education” Sohag University, Faculty and Leadership Development Center, Egypt, 22-23 November, 2021.

7- Training course on “Design and activate the E- Course” Sohag University, Faculty and Leadership Development Center, Egypt, 27-28, December, 2021.

Job-Related Skills

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| <ol style="list-style-type: none"> 1. Supervision 2. Animal experiments 3. Clinical studies | <ul style="list-style-type: none"> Scientific supervision for postgraduate students Handling of different lab animals Application of prepared dosage forms on human volunteers', designing patient and methods including photographs and other efficacy parameter |
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Short and long term goals:

The education of graduate students and the search for a better understanding and developing of different delivery systems and therapeutic efficacy of the prepared systems. Additional goals are the development of new knowledge concerning green biosynthesis of nanoparticles and its efficacy as related to human health and disease.

Computer Skills

1. **Microsoft office applications:** Word, Excel, PowerPoint.
2. **Spss software:** for statistical analysis

LANGUAGES SKILLS

1. Mother tongue: Arabic
2. Other languages: English and french

For more details:

- Google Scholar: <https://scholar.google.com/eg/citations?user=6gVFxAAAAAJ&hl=ar>
- Research gate: <https://www.researchgate.net/profile/Mohammed-Saddik-2>
- ORCID ID: <https://orcid.org/0000-0001-5236-7419>