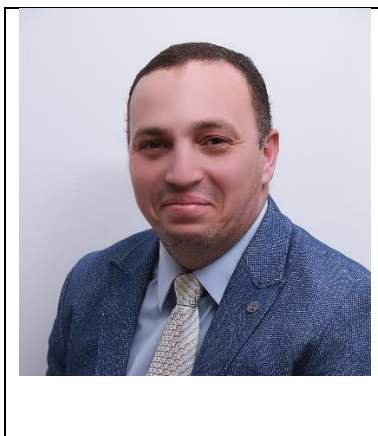


## Curriculum Vitae



- Name: Mohamed Taha Elsaady
- Title: Assistant Professor Of Medicinal Chemistry
- Department: Pharmaceutical Chemistry
- E-mail : Mohamed.elsaady@su.edu.eg

### A) Academic Qualifications:

- Bachelor's Degree in Pharmacy and Pharmaceutical Sciences University: Cairo Year:1999
- Master Degree in Pharmaceutical Sciences (Pharmaceutical Chemistry) University: Cairo Year:2006
- Ph.D in Pharmaceutical Sciences (Pharmaceutical Chemistry) University: Beni-Suef Year:2009.

### • Other Qualifications: .....

### B) Academic promotions:

- |                      |                     |
|----------------------|---------------------|
| - Demonstrator,      | Date: 2000-2006     |
| Assistant Lecturer,  | Date: 2006-2010     |
| Lecturer,            | Date:2010- 2017     |
| Assistant Professor, | Date:2017 till now. |

### **C) Scientific Merit:**

- Google Scholar : 13
- SCOPUS ID: 36460773500
- Citations:1989                      h-index:12                      i10-index:14
- ORCID: [0000-0003-1245-503X](https://orcid.org/0000-0003-1245-503X)

### **D) Scientific Activities**

#### **1: Training Courses/workshops:**

- Quality standards in the educational process
- Ethics of scientific research
- International publication of scientific researches
- Strategic planning
- Financial and legal aspects in university.
- Organizing scientific conferences
- Computer aided drug design using MOE software.[Faculty of Pharmacy - Assuit University].
- Recent advances in chemistry and biology of natural products[ Faculty of Pharmacy - Beni-Suef University]Learning and active learning strategies. [ Faculty of Pharmacy - Beni-Suef University]
- Academic standards that meet the specifications of the graduate. [ Faculty of Pharmacy - Beni-Suef University]

#### **2: Conferences, Seminars and Workshops:**

- 1<sup>st</sup> international conference on advanced basic and applied sciences(ABAS)
- 1<sup>st</sup> undergraduate final year conference
- 1<sup>st</sup> International Conference on Health between Nutrition and Treatment

#### **3: Teaching Scopes:**

##### **Undergraduate level.**

##### **Pharmaceutical Chemistry department, Faculty of pharmacy, Beni-Suef university:**

- Participation in teaching and supervising the practical work of pharmaceutical chemistry 1 course (801) for fourth year students since 2011.

- Participation in teaching and supervision of the practical work of pharmaceutical chemistry 1 course I (PC509) for students of the clinical pharmacy program (fourth level) since 2011.
- Participation in teaching and supervising the practical work of pharmaceutical chemistry 2 course (802) for fourth year students since 2011.
- Participation in teaching and supervision of the practical work of pharmaceutical chemistry 2 course (PC610) II for students of the clinical pharmacy program (fourth level) since 2011.
- Participation in teaching and supervising the practical work of pharmaceutical chemistry 3 (803) for students of the fifth year since 2011.
- Participate in teaching of drug design Elective course for students of the fifth year since 2011.
- Participate in teaching the drug synthesis elective course for students of the fifth year in 2015.

**Pharmaceutical Chemistry department, Faculty of pharmacy, NUB University:**

- Participate in teaching and supervision of the practical work of pharmaceutical chemistry I course. for the academic year [2013 / 2014-2015 / 2016] (the first semester).
- Participate in teaching and supervising the practical work of pharmaceutical chemistry II in Faculty for the academic year [2013 / 2014-2014/2015] (the first semester).
- Participate in the teaching and supervision of practical work of pharmaceutical chemistry III for the academic year [2014/2015 - 2015/2016] (first semester - the second semester).

**Postgraduate level**

- Participation teaching the "Drug design" course for students of the Masters since 2013.
- Participation in teaching "Advanced topics in medical chemistry" course for students of the Masters since 2013.
- Participation in teaching "Spectroscopic and chromatographic techniques" course for students of the Masters since 2013

**Other teaching activities:**

- Partner in oral exam committees, Faculty of Pharmacy, Beni-Suef , El-Minia, Cairo Assuit, Nahda and 6-October universities.
- Sharing the staff members of pharmaceutical chemistry department in the preparation of note books for the theoretical and practical curricula for the fourth and fifth year students at the Faculty of Pharmacy Beni-Suef.
- Participate in the work of examinations, which include monitoring within the committees and the development and correction of examinations.
- An academic advisor for students of different grades in the clinical pharmacy program since 2012.
- Supervising the summer training for students of Beni Suef University since 2012.
- Supervising the graduation projects for fifth year students in 2014-2015

**4: Scientific supervision number: 22**

**5: Peer reviewing of scientific research/ Projects:**

- CO-PI in "Design, Synthesis and anticancer activity evaluation of new benzothiazole derivatives with potential as EGFR inhibitors". Grant from Research Center, Beni-Suef Univeristy.
- CO-PI in "Synthesis of certain heterocyclic compounds of certain biological activity". Grant from Research Center, Beni-Suef Univeristy.
- CO-PI in " Design, synthesis and biological evaluation of novel indomethacin derivatives as anti-inflammatory agents with low ulcerogenicity." Grant from Science and Technology Development fund [STDF].

**-International journals**

1. Ahmed H. Abelazeem, Shima A. Abdelatef, **Mohammed T. El-Saadi**, Hany A. Omar, Christopher R. McCurdy, Samir M. El-Moghazy; "Novel pyrazololpyrimidine derivatives targeting COXs and iNOS enzymes; design, synthesis and biological evaluation as potential anti-inflammatory agents". Eur. J. Pharm. Sci. 62 (2014) 197-211.
2. Ahmed H. Abelazeem, **Mohammed T. El-Saadi**, Asmaa G. Safi El-Din, Samir M. El-Moghazy. "Design, synthesis and biological evaluation of novel diphenylthiazole-thiazolidin-4-one-based derivatives as anti-inflammatory/analgesic agents". Journal of chemical and pharmaceutical research. 7(7), 2015, 1073-1079.
3. Ghaneya S. Hassana, Fadi M. Awdallaha, **Mohammed T. El-Saadi**, Ahmed O. Elgendic and Loah R. Hemeda. "Synthesis of some benzothiazole derivatives evaluated as antimicrobials and antibiofilms". Journal of chemical and pharmaceutical research. 7(7), 2015, 1125-1143.
4. Khaled R. A. Abdellatif, **Mohammed T. Elsaadi**, Salah A. Abdel-Aziz, and Ahmed H. A. Abusabaa. "Synthesis, cyclooxygenase inhibition and anti-inflammatory evaluation of new 1,3,5-triaryl-4,5-dihydro-1H-pyrazole derivatives possessing methanesulphonyl pharmacophore". Journal of enzyme inhibition and medicinal chemistry. 7(7), 2015, 1125-1143.
5. Nagwa M. Abdel Gawad , Noha H. Amin , **Mohammed T. Elsaadi** , Fatma M. M. Mohamed , Andrea Angeli , Viviana De Luca , Clemente Capasso , Claudiu T. Supuran. "Synthesis of 4-(thiazol-2-ylamino)-benzenesulfonamides with carbonic anhydrase I, II and IX inhibitory activity and cytotoxic effects against breast cancer cell lines" . Bioorganic and medicinal chemistry. 24, 2016, 3043-3051.
6. Ahmed H. Abdelazeem , **Mohammed T. El-Saadi** , Asmaa G. Safi El-Din , Hany A. Omar, Samir M. El-Moghazy. " Design, synthesis and analgesic/anti-inflammatory evaluation of novel diarylthiazole and diarylimidazole derivatives towards selective COX-1 inhibitors with better gastric profile." Bioorganic and medicinal chemistry. 25, 2016, 665-676.
7. **Mohammed T. Elsaadi**, Ahmed M. Gouda, Fadwa H. Edrees and Nagwa M. Abdel Gawad. "Design,synthesis and biological evaluation of some novel Schiff base derivatives as potential anticancer agents." Journal of chemical and pharmaceutical research. 8(5), 2016, 273-282.

8. Martha M.Morcoss, Nada S.Abdelwahab, Nourddin W.Ali, **Mohammed T. Elsaadi**. " Different chromatographic methods for simultaneous determination of diloxanide furoate, metronidazole and its toxic impurity." *Journal of the Iranian Chemical Society*. 13, 2016, 1643-1651.
9. Martha M.Morcoss, Nada S.Abdelwahab, Nourddin W.Ali, **Mohammed T. Elsaadi**. " Different Spectrophotometric and TLC-Densitometric Methods for Determination of Mesalazine in Presence of Its Two Toxic Impurities." *Chemical and pharmaceutical bulletin*. 64, 2016, 1268-1274.
10. Martha M.Morcoss, Nada S.Abdelwahab, Nourddin W.Ali, **Mohammed T. Elsaadi**. " Different Spectrophotometric Methods for Determination of Mefenamic Acid in Presence of its Two Toxic Impurities." ***Analytical Chemistry Letters***. 13, 2016, 913-920.
11. Martha M.Morcoss, Nada S.Abdelwahab, Nourddin W.Ali, **Mohammed T. Elsaadi**. " Spectrophotometric determination of metronidazole, diloxanide furoate and metronidazole toxic impurity." ***Journal of chemical and pharmaceutical research***. 15, 2016, 112-123.
12. Nada S Abdelwahab, **Mohammed T Elsaadi**, Aml G Korany, Maha A Hgazy. "Determination of Dantrolene Sodium in the Presence of its Process-Related Impurity by High-PerformanceThin-Layer Chromatography- Spectrodensitometry." ***JPC-Journal of Planar Chromatography-Modern TLC***. 29(6), 2016, 462-468.
13. Khaled R. A. Abdellatif, **Mohammed T. Elsaadi**, Salah A. Abdel-Aziz, and Ahmed H. A. Abusabaa. "Synthesis, Anti-inflammatory and Molecular Docking Study of Schiff Bases Containing Methanesulphonyl Pharmacophore." ***Letters in Drug Design & Discovery***. 14(8), 2017(8), 930-937.
14. Eman G. Said, **Mohammed T. Elsaadi**, Ahmed H. Abdelazeem, Samir M. El-Moghazy. "Exploring the Anticancer and Anti-Inflammatory Activities of Novel Diphenylthiazole-Amino Acid Conjugates." ***Journal of Applied Pharmaceutical science***. 7(07), 2017[7], 212-217.
15. Eman G. Said, **Mohammed T. Elsaadi**, Ahmed H. Abdelazeem, Bahaa GM Youssif, Hany A Omar, Samir M. El-Moghazy. " Novel Diphenylthiazole derivatives with Multi-Target Mechanism: Synthesis, Docking study, Anticancer and Anti-Inflammatory Activities." ***Bioorganic Chemistry***. 75, 2017(12), 127-138.
16. Nada S Abdelwahab, **Mohammed T Elsaadi**, Aml G Korany, Maha A Hegazy. "Study of gliquidone degradation behavior by high-performance thin-layer chromatography and ultra-performance liquid chromatography methods." ***Biomedical Chromatography***. 31 (12), 2017(12), e4025.
17. Khaled R. A. Abdellatif, **Mohammed T. Elsaadi**, Noha H. Amin, Ahmed A. Hefny. " Design, Synthesis and biological evaluation of some novel indole derivatives as selective COX-2 inhibitors." ***Journal of Applied Pharmaceutical science***. 7(08), 2017[8], 069-077.

18. Ahmed I. Khodair, Mostafa M. Elbadawi, **Mohammed T. Elsaadi**, Khaled R. A. Abdellatif. " Design, Synthesis, Molecular docking and Cytotoxicity evaluation of some Novel 5-arylidene-3-(substituted phenyl)-2-(p-tolylamino)-4-imidazolones." **Journal of Applied Pharmaceutical science**. 7(09), 2017[9], 058-068.
19. Shaimaa A. Abdelatef, **Mohammed T. Elsaadi**, Noha H. Amin, Ahmed H. Abdelazeem, Khaled R. A. Abdellatif. " Synthesis and Anticancer Screening Of Novel Spiro[Chromaffin-2,4'-Piperidin]-4-one Derivatives With Apoptosis-Inducing Activity." **Journal of Applied Pharmaceutical science**. 8(01), 2018[1], 009-016.
20. Nada S. Abdelwahab, Nouruddin W. Ali, Marco M. Zaki, M. AbdelKawy, **Mohammed T. Elsaadi**. " Quantitative Determination of Synthesized Genotoxic Impurities in Nifruroxazide Capsules by Validated Chromatographic Methods." **International Journal of AOAC**. 101 (2), 2018(3), 385-393.
21. Noha H. Amin, **Mohammed T. Elsaadi**, Ahmed A. Hefny, Ahmed H. Abdelazeem, Heba AH. Elshemy, Khaled R. A. Abdellatif. " Anti-inflammatory indomethacin analogs endowed with preferential COX-2 inhibitory activity." **Future medicinal chemistry**. 10(21), 2018, 2521-2535.
22. Shaimaa A. Abdelatef, **Mohammed T. Elsaadi**, Noha H. Amin, Ahmed H. Abdelazeem, Hany A. Omar, Khaled R. A. Abdellatif. " Design, synthesis and anticancer evaluation of novel spirobenzo[h]chromene and spirochromane derivatives with dual *EGFR* and *B-RAF* inhibitory activities." **European journal of medicinal chemistry**. 150, 2018, 567-578.
23. Khaled R. A. Abdellatif, Mostafa M. Elbadawi, **Mohammed T. Elsaadi**, Amer A. AbdEl-Hafeez, Takashi Fujimura, Seiji Kawamoto, Ahmed I. Khodair. " Design, Synthesis and Cytotoxicity Evaluation of new 3,5-Disubstituted-2-Thioxoimidazolidinones." **Anti-Cancer Agents in Medicinal Chemistry**. 18(4), 2018(4), 573-582
24. Noha H. Amin, **Mohammed T. Elsaadi**, Shaimaa G.Elzayat, Khaled R. A. Abdellatif. " New substituted pyrazole derivatives targeting COXs as potential safe anti-inflammatory agents." **Future medicinal chemistry**. 11(15), 2019, 1871-1887.
25. Nada S. Abdelwahab, Nouruddin W. Ali, Marco M. Zaki, M. AbdelKawy, **Mohammed T. Elsaadi**. Maha A.Hegazy. " Comparison of two augmented classical least squares algorithms and PLS for determining nifruroxazide and its genotoxic impurities using UV spectroscopy." **Journal of Chemometrics**. 33(12), 2019, 3190-3199.

26. Nesreen S. Abdelhamid, **Mohammed T. Elsaadi**, Nouruddin W. Ali, Walaa G. Abuelazem. "**Simultaneous Determination of Repaglinide, Metformin hydrochloride and Melamine by New HPLC and HPTLC Chromatographic Methods**". Analytical Chemistry Letters, 9(3) 2019 pp 418 – 429.
27. Nada S. Abdelwahaba, Fadwa H. Edreesb, **Mohamed T. Elsaadi** , Noha H. Aminc, Ahmed S. Saade. "**Therapeutic drug monitoring of two co-administered drugs through development of two ecological chromatographic methods: *In vivo* application**". Microchemical Journal, 156 (2020) 104935.
28. Khaled R.A. Abdellatifa , Amany Belal, **Mohamed T. El-Saadi** , Noha H. Amin, Eman G. Said, Loah R. Hemeda. "**Design, synthesis, molecular docking and antiproliferative activity of some novel benzothiazole derivatives targeting EGFR/HER2 and TS**". Bioorganic Chemistry, 101, (2020) 103976.
29. Ahmed H. Abdelazeem , Asmaa G. Safi El-Din , Maha M. Abdel-Fattah , Noha H. Amin , Samir M. El-Moghazy , **Mohammed T. El-Saadi** . "**Discovery of novel urea-diarylpyrazole hybrids as dual COX-2/she inhibitors with improved anti-inflammatory activity and highly reduced cardiovascular risks**". European Journal of Medicinal Chemistry 205 (2020) 112662.
30. Nada S. Abdelwahaba, Fadwa H. Edreesb, **Mohamed T. Elsaadi** , Noha H. Aminc, Ahmed S. Saade. "**Simultaneous estimation of dimenhydrinate, cinnarizine and their toxic impurities benzophenone and diphenylmethylpiperazine; in silico toxicity profiling of impurities**". Royal society of chemistry advances, 2020, 10, 37439.
31. Ahmed H. Abdelazeem , Asmaa G. SafiEl-Din , Hany H. Arab , **Mohammed T. El-Saadi** , Samir M. El-Moghazy , Noha H. Amin . "**Design, Synthesis and Biological Evaluation of Diarylpyrazole/Triazole Bearing 1,3,4- Oxadiazole Moiety as COXs inhibitors Endowed with Potential Anti-Inflammatory and Analgesic Activities**". Research J. Pharm. and Tech. 13(9).
32. Ahmed S. Saad, Fadwa H. Edrees, **Mohammed T. Elsaadi**, Noha H. Amin, and Nada S. Abdelwahab. "**Experimentally Designed Sensor for Direct Determination of the Environmentally Hazardous Compound and Occupational Exposure Biomarker (p-aminophenol) in Different Sampling Matrices**". Journal of The Electrochemical Society, 2020 167 147504.
33. Noha H. Amin a, **Mohammed T. Elsaadi**, Shima S. Zaki, Hamdy M. Abdel-Rahman. "**Design, synthesis and molecular modeling studies of 2-styrylquinazoline derivatives as EGFR inhibitors and apoptosis inducers**". Bioorganic Chemistry 105 (2020) 104358.



34. Fadwa H. Edrees, Ahmed S. Saad, **Mohammed T. Elsaadi**, Noha H. Amin and Nada S. Abdelwahab. " **Experimentally designed chromatographic method for the simultaneous analysis of dimenhydrinate, cinnarizine and their toxic impurities**". Royal society of chemistry advances, 2021, 11, 1450.
35. Ahmed H. Abdelazeem , Asmaa G. SafiEl-Din , Hany H. Arab , **Mohammed T. El-Saadi** , Samir M. El-Moghazy , Noha H. Amin . " **Design, synthesis and anti-inflammatory/analgesic evaluation of novel di-substituted urea derivatives bearing diaryl-1,2,4-triazole with dual COX-2/sEH inhibitory activities** ". Journal of Molecular Structure 1240 (2021) 130565.
36. Marco M Z Sharkawi, Norhan R Mohamed, **Mohammed T El-Saadi** & Noha H Amin.' **Validated green chromatographic methods for determination of amlodipine and celecoxib in presence of methylacetophenone**". Bioanalysis, 10.4155/bio-2021-0040.
37. Mohamed T. M. Nemr, Asmaa M. AboulMagd, Hossam M. Hassan, Ahmed A. Hamed, Mohamed I. A. Hamed and **Mohamed T. Elsaadi**. " **Design, synthesis and mechanistic study of new benzenesulfonamide derivatives as anticancer and antimicrobial agents via carbonic anhydrase IX inhibition** ". Royal society of chemistry advances, 2021, 11, 26241–26257.
38. Marco M Z Sharkawi, Norhan R Mohamed, Mohammed T El-Saadi & Noha H Amin." **Five spectrophotometric methods for simultaneous determination of Amlodipine besylate and celecoxib in presence of its toxic impurity**". Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 263 (2021) 120137.
39. Noha H. Amina , **Mohamed T. El-Saadi** , Ahmed A. Ibrahim , Hamdy M. Abdel-Rahman. " **Design, Synthesis and Mechanistic Study of New 1,2,4-Triazole Derivatives as Antimicrobial Agents**". Bioorganic Chemistry 111(2021),104841.
40. Noha H. Amin , Mohammed I.A. Hamed , Maha M. Abdel-Fattah , Ahmed H.A. Abusabaa , **Mohammed T. El-Saadi**. " **Design, synthesis and mechanistic study of novel diarylpyrazole derivatives as anti-inflammatory agents with reduced cardiovascular side effects** ". Bioorganic Chemistry 116(2021),105394.

41. Mostafa M. Elbadawi, Ahmed I. Khodair, Mohamed K. Awad, Shaymaa E. Kassab, **Mohammed T. Elsaadi**, Khaled R.A. Abdellatif. "**Design, synthesis and biological evaluation of novel thiohydantoin derivatives as antiproliferative agents: A combined experimental and theoretical assessments**". Journal of Molecular Structure 1249 (2022) 131574.
42. Heba S. Mohamed, Noha H. Amin, **Mohammed T. El-Saadi**, Hamdy M. Abdel-Rahman. "**Design, synthesis, biological assessment, and in-Silico studies of 1,2,4-triazolo[1,5-*a*]pyrimidine derivatives as tubulin polymerization inhibitors**". Bioorganic Chemistry 121(2022),105687.
43. Ahmed S. Ismael, Noha H. Amin , **Mohammed T. Elsaadi** , Hamdy M. Abdel-Rahman. "**Design, synthesis and mechanistic studies of novel imidazo[1,2-*a*]pyridines as anticancer agents**". Bioorganic Chemistry 128(2022), 106042.
44. Israa A. Abdel-Azziz , Noha H. Amin , **Mohamed T. El-Saadi** , Hamdy M. Abdel-Rahman. "**Design, synthesis and mechanistic studies of benzophenones hydrazone derivatives as cathepsin inhibitors**". Journal of Molecular Structure 1274 (2023) 134583.

## **F) Skills**

- Language Skills: excellent
- Computer Skills: excellent
- Presentation skills: good