MOHAMED MOHAMED ABDELAL SHAHIN

Lecturer of Pharmaceutical Analytical Chemistry

Personal Information

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ORCID	http://orcid.org/ 0000-0003-1209-9186
Scopus ID	57218689712
Date of Birth	September 22th, 1985
Place of Birth	Al-Buhaira, Egypt
Nationality	Egyptian

Education/Scientific Degrees

2019	Ph.D. of Pharmaceutical Sciences (Pharmaceutical analytical chemistry) Al-Azhar University, Cairo, Egypt.
2016	Msc of Pharmaceutical Sciences (Pharmaceutical analytical chemistry) Al-Azhar University, Cairo, Egypt.
2008	Bsc of Pharmaceutical Sciences (Distinction, Honor) Rank 12th on the class Al-Azhar University, Cairo, Egypt.

Experience

2009-2010	Clinical Pharmacist in Damanhour Cancer Institute
2012-2016	Demonstrator of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Damanhour University, Egypt.
2016-2019	Assistant lecturer of Pharmaceutical Analytical, Faculty of Pharmacy, Damanhour University, Egypt.
2019-present	Lecturer of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Damanhour University, Egypt.

Professional Career Experience and Positions held

- A member of Pharmaceutical Analytical Lab, Faculty of Pharmacy, Damanhour University.
- A member of the examination board of undergraduate examinations, Faculty of Pharmacy, Damanhour University.
- Head of faculty members and associate staff committee in the quality assurance unit, Faculty of Pharmacy, Damanhour University.
- A member of information technology unit, Faculty of Pharmacy, Damanhour University.
- A member of measurement and evaluation unit, Faculty of Pharmacy, Damanhour University.
- A member of Summer Trainig Committee, Faculty of Pharmacy, Damanhour University.
- A member of Environmental Affairs Committee, Faculty of Pharmacy, Damanhour University.
- External examiner for undergraduate students in Faculty of Pharmacy, Alexandria, Tanta, Pharos and Al-Azhar Universities.
- Head of electronic platform Damanhour university.
- Clinical practice for pharmacist (Giza pharmacist syndicate); 2007.
- Internal audit in ISO 17025 based on ISO guidelines 19011 course.
- Uncertainty in testing labs course.
- International Computer Driving License Version 4; 2009.
- Attending PUA International Conference on Advances in Pharmaceutical Sciences, March 2020.
- Attending First International Scientific Conference (faculty of pharmacy Damanhour university; 2022).
- **Attending different educational courses carried by the Faculty and Leadership Development Center (FLDC), Damanhour University:**
  - ✓ Communication skills workshop. **2017**
  - ✓ Research ethics and research methods workshop. **2017**
  - ✓ Research methods workshop. **2019**
  - ✓ University managements. **2019**
  - ✓ Effective presentation skills workshop. **2019**
  - ✓ Decision-making and problem-solving workshop. **2020**
  - ✓ Credit hour system workshop. **2020**
  - ✓ Proposal of competition initiatives for research funding workshop. **2020**

Special Skills

- **Computer Skills**
  - ✓ Efficiency in using Microsoft Office 2016 and 365.
  - ✓ Efficiency in using Microsoft Excel, word and PowerPoint 2016 and 365.

- **Languages**
  - ✓ Native speaker of Arabic
  - ✓ Very good command in Reading, Writing and Speaking English

Special Technical Skills

- Expertise in operating **Shimadzu UV-1800 UV/Visible Scanning Spectrophotometer.**
- Expertise in operating **Cary 60 UV-Vis Spectrophotometer agilent technology.**
- Expertise in operating **ultra performance liquid chromatography UPLC agilent.**
- Expertise in operating **Capillary Electrophoresis agilent.**

References

- **Prof. Dr. Khaled Abdel Salam M. Attia**
  Head of Analytical Chemistry Department and former Vice Dean of Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt
- **Prof. Dr. Fathy Salama.**
  Professor of Analytical Chemistry and former Dean of Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt.
- **Prof. Dr. Gamal A. Omran**
  Professor of Biochemistry and Molecular Biology and Dean of Faculty of Pharmacy, Damanhour University, Egypt.

Publications

[1]S. Ramzy, A.H. Abdelazim, **M. Shahin**, **Quantitative Analysis of Two Pharmaceutical Combinations Containing Amlodipine with Either Bisoprolol or Candesartan Using Different UV Spectrophotometric Methods**, J. AOAC Int. 105 (2022) 1200–1204. https://doi.org/10.1093/jaoacint/qsac018.

[2]A.H. Abdelazim, S. Ramzy, A.H. Abdel-Monem, A.A. Almrasy, A. Abdel-Fattah, **M. Shahin**, **Quantitative Spectrophotometric Analysis of Celecoxib and Tramadol in Their Multimodal Analgesia Combination Tablets**, J. AOAC Int. 105 (2022) 1479–1483. https://doi.org/10.1093/jaoacint/qsac049.

[3]M.H. Abdelazim, A.H. Abdelazim, W.F. Ismaiel, M.E. Alsobky, A. Younes, A.M. Hadeya, S. Ramzy, **M. Shahin**, **Effect of intra-nasal nitrilotriacetic acid trisodium salt in lowering elevated calcium cations and improving olfactory dysfunction in COVID-19 patients**, Eur. Arch. Oto-Rhino-Laryngology. 279 (2022) 4623–4628. https://doi.org/10.1007/s00405-022-07424-5.

[4]A.H. Abdelazim, S. Ramzy, **M. Shahin**, **Application of Different UV Spectrophotometric Methods for Quantitative Analysis of Acotiamide and Esomeprazole**, J. AOAC Int. 105 (2022) 1475–1478. https://doi.org/10.1093/jaoacint/qsac041.

[5]K.A.M. Attia, A. El-Olemy, S. Ramzy, A.H. Abdelazim, M.A. Hasan, M.K.M. Omar, **M. Shahin, Application of different spectrofluorimetric methods for determination of lesinurad and allopurinol in pharmaceutical preparation and human plasma**., Spectrochim. Acta. A. Mol. Biomol. Spectrosc. 244 (2021) 118871. https://doi.org/10.1016/j.saa.2020.118871.

[6]A.M. Zeid, A.H. Abdelazim, **M. Shahin**, **Simultaneous spectrophotometric quantitative analysis of elbasvir and grazoprevir using assisted chemometric models**, Spectrochim. Acta Part A Mol. Biomol. Spectrosc. 252 (2021) 119505. https://doi.org/https://doi.org/10.1016/j.saa.2021.119505.

[7]A.H. Abdelazim, **M. Shahin**, A.S. Abu-khadra, **Application of different chemometric assisted models for spectrophotometric quantitative analysis of velpatasvir and sofosbuvir**, Spectrochim. Acta Part A Mol. Biomol. Spectrosc. 252 (2021) 119540. https://doi.org/https://doi.org/10.1016/j.saa.2021.119540.

[8]A. El-Olemy, A.H. Abdelazim, S. Ramzy, M.A. Hasan, A.W. Madkour, A.A. Almrasy, **M. Shahin**, **Application of different spectrofluorimetric approaches for quantitative determination of acetylsalicylic acid and omeprazole in recently approved pharmaceutical**

120116. https://doi.org/https://doi.org/10.1016/j.saa.2021.120116.

[9]A.H. Abdelazim, **M. Shahin**, **Different chemometric assisted approaches for spectrophotometric quantitative analysis of lesinurad and allopurinol, Spectrochim**. Acta Part A Mol. Biomol. Spectrosc. 251 (2021) 119421. https://doi.org/https://doi.org/10.1016/j.saa.2020.119421.

[10] A.A. Mohamed, A. El-Olemy, S. Ramzy, A.H. Abdelazim, M.K.M. Omar, **M. Shahin**, **Spectrophotometric determination of lesinurad and allopurinol in recently approved FDA pharmaceutical preparation, Spectrochim**. Acta Part A Mol. Biomol. Spectrosc. 247 (2021) 119106. https://doi.org/https://doi.org/10.1016/j.saa.2020.119106.

[11] K.A.M. Attia, A. El-Olemy, S. Ramzy, A.H. Abdelazim, M.A. Hasan, T.F. Mohamed, Z.A. Nasr, G.F. Mohamed, **M. Shahin**, **Development and validation of a highly sensitive second derivative synchronous fluorescence spectroscopic method for the simultaneous determination of elbasvir and grazoprevir in pharmaceutical preparation and human plasma**, New J. Chem. 44 (2020) 18679–18685. https://doi.org/10.1039/D0NJ03636F.

[12] M.W.I. Nassar, K.A.M. Attia, A.A. Mohamed, S. Morshedy, **M. Shahin**, **Application of Different Spectrophotometric Methods for Determination of Aspirin and Omeprazole in Pharmaceutical Preparation**, Austin J. Anal. Pharm. Chem. 5 (2018) 1–4.

[13] **M. Shahin**, K. Attia, M. Nassar, A. Mohamed, S. Morshedy, **Application of tlc densitometric method for simultaneous determination of aspirin and omeprazole in pharmaceutical preparation**, Innoriginal Int. J. Sci. (2018) 47–50. https://innoriginal.com/index.php/iijs/article/view/185.

[14] **M. Shahin**, S. Morshedy, K.A.M. Attia, A. Mohamad, **Spectrofluorimetric determination of aclidinium bromide**, Innoriginal Int. J. Sci. 5 (2018) 10–13.

[15] M. Nassar, K. Attia, S. Morshedy, **M. Shahin**, **Atomic absorption spectrometric determination of aclidinium bromide using ammonium reineckate**, Int. J. Sci. 5 (2018)13–15.

[16] M.W.I. Nassar, K.A.M. Attia, A.A. Mohamed, **M. Shahin**, **HPLC Method for the Simultaneous Estimation of Aspirin and Omeprazole in their New Combination**, Anal. Chem. Lett. 7 (2017) 438–444. https://doi.org/10.1080/22297928.2017.1326841.

[17] Rashad, A. Y., Daabees, H. G., Elagawany, M., Shahin, M., Moneim, A. E. A., & Rostom, S. A. (2023). A New Avenue for Enhanced Treatment of Hyperuricemia and Oxidative Stress: Design, Synthesis and Biological Evaluation of Some Novel Mutual Prodrugs Involving Febuxostat Conjugated with Different Antioxidants. *Bioorganic Chemistry*, *140*, 106818.

Official websites

- **Scopus**
  https://www.scopus.com/authid/detail.uri?authorId=57218689712

- **Google scholar**
  https://scholar.google.com/citations?user=eATXiNAAAAAJ&hl=en

- **ResearchGate**
  https://www.researchgate.net/profile/Mohamed-Shahin-10