

Kingdom of Saudi Arabia

Ministry of Education

Taibah University

College of Pharmacy



Name	Mahmoud Ahmed Omar Hassan	
Specialization	Pharmacognosy and Pharmaceutical chemistry	
Current Position	Professor	
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Academic Qualifications	2000-2005	Doctor of philosophy (PhD) in pharmaceutical sciences (Pharmaceutical Analytical Chemistry), College of Pharmacy, Minia University, Egypt
	1995-1999	Master's degree (MSC) in pharmaceutical sciences (Pharmaceutical Analytical Chemistry), College of Pharmacy, Assiut University, Egypt.
	1989-1994	Bachelor's degree in pharmaceutical sciences , college of Pharmacy, Al-Azhar University, Egypt.
Teaching Experience	Demonstrator In Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Al-Azhar University at Assiut from May 1995 to July 1999. Associate lecturer Azhar University at Assiut since July 1999 to Dec. 1999. Associate lecturer In department of Analytical chemistry, faculty of pharmacy, Minia University, Minia, Egypt, since Dec. 1999 until Jun 2005. Assistant Professor In Analytical chemistry from Jun 2005 until July 2010. Associate professor In Analytical chemistry from July 2010 till 2015. Professor In Analytical chemistry from Sep. 2015 till 2019 Professor in Pharmacognosy and pharmaceutical chemistry department, college of pharmacy, Taibah university. 2019 till now	

Courses Taught and Teaching in TU	College of Pharmacy, Taibah University, Madinah, Saudi Arabia • PPC 216: Pharmaceutical Analytical chemistry I • PPC 318: Pharmaceutical Analytical chemistry II • PPC 419: Pharmaceutical Analytical chemistry II • PPT 539: Pharmaceutical Technology III • PPC 513: Biological Analysis
Research Interests	• Create New Analytical Methods • Determination of Drugs In pure forms, different pharmaceutical formulations and biological fluids • Application of spectrophotometry • Application of spectrofluorimetry • Application of voltammetry • Application of chromatography • Quality in pharmacy analysis

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2. Mahmoud A Abdelmaged, Khalid M Badr El-Din, Tamer Z Attia, Mohamed Oraby, Mahmoud A Omar, Condensation methodology for quantification of Polymyxin B fluorimetrically: application to pharmaceutical formulations and greenness assessment. BMC Chem. 29;18(1), 2024:105.
3. Islam M Mostafa, Mahmoud A Omar, Mohamed Ahmed Elsayed , Mohammed Almaghrabi , Abobakr A Mohamed , Green and inventive fluorescence approach for levodropropizine determination in human plasma. Spectrochim Acta A Mol Biomol Spectrosc. 5:312, 2024, 124060.
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5. Mahmoud A. Omar, Mahmoud A.H. Moustafa, Mohammed Almaghrabi, Ahmed K.B. Aljohani, Tamer Z. Attia, Validated spectrofluorimetric method for determination of cyproheptadine in pharmaceutical formulation and human plasma. Application to content uniformity test. Results in Chemistry, 7, 2024, 101341
6. Mahmoud A Omar, Abobakr A Mohamed, Yaser Alahmadi, Ahmed M Shehata, Hossein M Elbadawy, Islam M Mostafa, Improving fluorescence emission of cyproheptadine by hindering its intramolecular photoinduced electron transfer (PET): Application to content uniformity testing and human plasma. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 308, 2024, 123725
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HPTLC-Spectrodensitometric Method. *Journal of Chromatographic Science*, 62,1, 2024, 35–43

8. Abobakr A Mohamed, Mahmoud A Omar, Sayed M Derayea, Mohamed Ahmed Elsayed, Islam M Mostafa, Photoluminescence detection of nadifloxacin: Adopts switching off photoinduced electron transfer (PET). Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,5, 2024, 123451
9. SM Derayea, YF Hassan, MA Hammad, YM Alahmadi, MA Omar, E Samir Feasible spectrofluorimetric approach for the ultrasensitive determination of lomefloxacin based on synergistic effects of micellization and metal complexation. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*,2023, 292, 122399
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11. Hany A Batakoushy, Mahmoud A Omar, Hytham M Ahmed, Mohamed A Abdel Hamid and Mahmoud M Sebaiy, *Pharmacology and Analytical Chemistry Profile of Dapagliflozin, Empagliflozin and Saxagliptin. Pharmaceutics and Pharmacology Research*, 2022, 2(5), 548.
12. Alshymaa A. Aly, Tadeusz Górecki , Mahmoud A. Omar, Green approaches to comprehensive two-dimensional liquid chromatography (LC × LC). *Journal of Chromatography Open.* 2, 2022, 100046
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Estimation of Sumatriptan in its Tablet Formulation and in Human Plasma; Implementation to Content Symmetry Testing. J. Current Chemical and Pharmaceutical Sciences, 2022, 12 (8), 1-8

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17. KM Badr El-Din, MA Abdelmajed, MA Omar, TZ Attia, Salvage Parenteral Antibiotics for Multidrug-Resistant (MDR) Gram-Negative Bacteria; A Fluorescamine-Based Technique for Ultrasensitive Spectrofluorimetric Measurement of Polymyxins; Human Plasma Application. Luminescence 2022, 37 (6), 971-979
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Presentations and Abstracts	<i>1. Egyptian pharmaceutical society XXXI Conference of pharmaceutical sciences, Cairo, Egypt, Dec., 2008.</i> <i>2. Conference of quality assurance and accreditation Cairo, Dec., 23, 2008.</i>
Memberships	<i>1-Editor –in- chief for journal of advanced biomedical and pharmaceutical science</i> <i><u>http://jabps.journals.ekb.eg/</u></i> <i>2- Editor –in- chief for Journal of Modern Research</i> <i><u>https://jmr.journals.ekb.eg/</u></i>

3. *Quality Coordinator, Faculty of Pharmacy, taibah university.*
4. *Member of the Curriculum Committee, Faculty of Pharmacy, taibah university.*
5. *Member of the Control Committee, Faculty of Pharmacy, taibah university.*
6. *Examination Committee Member, Faculty of Pharmacy, taibah university.*
7. *Member of many different department committees, Faculty of Pharmacy, taibah university.*
8. *Assiut Univ. 5th International Pharm. Sci. Conference, Faculty of Pharmacy, Assiut, Egypt, March, 7-8, 2006.*
9. *Egyptian pharmaceutical society XXX Conference of pharmaceutical sciences, Cairo, Egypt, Dec., 19-21, 2006.*
10. *Al-Azhar 4th International Conference for Pharmaceutical and biological Sciences, Cairo, Feb., 13-15, 2006.*
11. *Assiut Univ. 6th International Pharm. Sci. Conference, Faculty of Pharmacy, Assiut, Egypt, March, 12-13, 2006.*
12. *Egyptian pharmaceutical society XXXI Conference of pharmaceutical sciences, Cairo, Egypt, Dec., 2008.*
13. *Conference of quality assurance and accreditation Cairo, Dec., 23, 2008.*
14. *International computer Driving licence (ICDL), July 2005.*

- 15. A part-time lecturer at Nahda University (NUB) in Bani swaife in the courses of Analytical chemistry, 2008.**
- 16. The winner for the "SamaSina" prize for the best research paper at Minia University 2006/2007.**
- 10. Post doctor in Osaka university, Osaka, Japan, Jun 2009- March 2010.**
- 11- A member of editorial board of global journal of analytical chemistry**
(www.simplex-academic-publishers.com), Feb. 2010.
- 12- Egyptian pharmaceutical society XXXII Conference of pharmaceutical sciences, Cairo, Egypt, Dec., 20011.**
- 13- Assiut Univ. 9th International Pharm. Sci. Conference, Faculty of Pharmacy, Assiut, Egypt, March, 12-13, 2014.**
- 13- Attend several meetings for Quality assurance and accreditation**
- 14- Clinical Pharmacy Programme Course coordinator from September 2008 June 2011.**
- 15- External reviewer for some publications of Talanta and Spectrochimica Acta.**
- 16- Head of analytical chemistry department, Faculty of Pharmacy, Minia University, from 2010 till 2013.**
- 17- Vice dean for Environmental Affairs and Community Service from 2013 till now.**
- 18- Member of Faculty of Pharmacy consultant committee, faculty of**
Pharmacy, Minia University.

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| | <p>19- Member of the Faculty of Pharmacy Committee, Minia University</p> <p>20- Participate in the supervision of theses within the department and outside.</p> <p>21- External referee for master thesis, faculty of Pharmacy, Cairo University and Babi-swaif University.</p> <p>22- Internal referee for several master and Ph.D thesis, faculty of Pharmacy,
Minia University.</p> <p>23- . Member of the Advisory Board of the Faculty of Pharmacy - Minia
University.</p> <p>24- Member of strategic plan, Faculty of Pharmacy, Minia University</p> <p>25- Participate in oral examinations in various Egyptian universities.</p> <p>26- Got the Minia University prize for international scientific publication.</p> <p>27- Follow up visitor for one of the Ph.D. students, Faculty of Pharmacy,
Osaka University, Japan.</p> <p>28- Got Advanced Word, Advanced Excel and Advanced PowerPoint courses.</p> <p>29- Participating in the modification and development of regulations for the
Faculty of Pharmacy - Minia University.</p> |
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Awards	<i>1- Top 2% of researchers worldwide, 2023.</i> <i>2- Honoring of the Minia Governor for obtaining the Minia University prize for International scientific publication.</i> <i>3- Minia University Encouragement Award 2016</i> <i>4- Faculty of pharmacy, Taibah university Encouragement Award 2021 (Abundance of research).</i>
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