

Curriculum Vitae

Personal Data:

- *Name : Dalia Mohamed Nagy Ahmed*
- *Gender : Female*
- *Date of birth : 20/11/1971*
- *Marital Status: Married*
- *Place of birth : Egypt – El Minia*
- *Address: Faculty of Pharmacy, Minia University, Minia, Egypt.*
- *Religion: Muslim*
- *Nationality: Egyptian*
- *Performed: Associate professor of Analytical Chemistry, Analytical Chemistry Department, faculty of Pharmacy, Minia University, Minia, Egypt.*
- *Phone No. : 00201097216771 - 0020862092505*

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Academic Qualifications:

- *Ph.D. in pharmaceutical sciences (Analytical Chemistry) 16/1/2010.*
“Analytical study of certain biologically active Phenothiazines”
- *Master of pharmaceutical Sciences (Analytical Chemistry) 29/7/2002.*
“Physico-chemical and spectrophotometric analysis of some beta-Lactam antibiotics”
- *B.Sc. of Pharmaceutical Sciences May 1993, a very good grade.*

Work Experiences:

- *Appointed as A professor at the dept. of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Minia University, Minia, Egypt based on the approval of the university council beginning from 2025 until now.*
- *Appointed as Assistant professor at the dept. of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Minia University,*

Minia, Egypt based on the approval of the university council beginning from 2019 until now.

- *Appointed as a lecturer at the dept. of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Minia University, Minia, Egypt based on the approval of the university council beginning from 2010.*
- *Appointed as an assistant lecturer at the dept. of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Minia University, Egypt based on the approval of the university council beginning from 2003.*
- *Appointed as a demonstrator at the dept. of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Minia University, Egypt based on the approval of the university council beginning from 1998.*

Activities and Responsibilities:

- Supervising M.Sc. Student (Analytical Chemistry Department, Faculty of Pharmacy, Minia University, Egypt).
- Improvement of some methods of analysis

Skills & Training Courses:

- Training Course (Quality Assurance of University Education).
- Training Course (Effective Teaching).
- Seven Training Courses (Development of University Education).
- International Computer Driving License (ICDL computer).
- Statistical Analysis Using SPSS.
- Research in International Databases and Management of Scientific References.
- Building Personal Websites.
- Exams And Students Evaluation Systems
- Strategic Planning
- Use of Technology for Effective Teaching.
- Preparing the test vocabulary for the medical sector

List of Publications:

- *Validated spectrophotometric methods for determination of certain aminoglycosides in pharmaceutical formulations*

MA Omar, DM Nagy, MA Hammad, AA Aly

Journal of Applied Pharmaceutical Science 3 (3), 151 19 2013

- *Highly sensitive spectrofluorimetric method for determination of certain aminoglycosides in pharmaceutical formulations and human plasma*

MA Omar, DM Nagy, MA Hammad, AA Aly

AAPS PharmSciTech 14 (2), 828-837 10 2013

- *Spectrofluorimetric determination of certain biologically active phenothiazines in commercial dosage forms and human plasma*

AMI Mohamed, OH Abdelmageed, H Salem, DM Nagy, MA Omar

Luminescence 28 (3), 345-354 3 2013

- *Development of spectrofluorimetric method for determination of certain aminoglycoside drugs in dosage forms and human plasma through condensation with ninhydrin and phenyl ...*

MA Omar, MA Hammad, DM Nagy, AA Aly

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 136 ...
19 2015

- *Analysis of quetiapine in human plasma using fluorescence spectroscopy*

IM Mostafa, MA Omar, DM Nagy, SM Derayea

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 196, 196-201 (2) 2018.

- *An experimental ninhydrin design approach for the sensitive spectrofluorimetric assay of milnacipran in human urine and plasma*

IM Mostafa, SM Derayea, DM Nagy, MA Omar

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 205, 292-297 2018.

- *Improved spectrofluorimetric determination of mebendazole, a benzimidazole anthelmintic drug, through complex formation with lanthanum (III); Application to pharmaceutical ...*

SM Derayea, AA Hamad, DM Nagy, DA Nour-Eldeen, H Ali, R Ali

Journal of Molecular Liquids 2018

- *Utility of ninhydrin reagent for spectrofluorimetric determination of heptaminol in human plasma*

MA Omar, DM Nagy, ME Halim

Luminescence 33 (6), 1107-1112 2018

- *Benzofurazan-based fluorophore for the selective determination of flupentixol dihydrochloride: Application to content uniformity testing*
IM Mostafa, SM Derayea, DM Nagy, MA Omar
Luminescence 2018
- *Facile complexation reactions for the selective spectrofluorimetric determination of albendazole in oral dosage forms and spiked human plasma*
AA Hamad, R Ali, HRH Ali, DM Nagy, SM Derayea
RSC Advances 8 (10), 5373-5381 2018
- *Utility of the chromogenic and fluorogenic properties of benzofurazan for the assay of milnacipran in human urine and plasma*
IM Mostafa, MA Omar, DM Nagy, SM Derayea
RSC Advances 8 (39), 22154-22160 2018
- *Application of a xanthene dye, eosin Y, as spectroscopic probe in chemical and pharmaceutical analysis; a review 2018.*
SM Derayea, DM Nagy. *Reviews in Analytical Chemistry*
- *Isoindole based fluorophore for the sensitive fluorimetric determination of isobutyl gamma aminobutyric acid*
SM Derayea, TZ Attia, M Elnady, DM. Nagy
Microchemical Journal 150, 104143, 2019.
- *The convenient use of fluorecamine for spectrofluorimetric determination of midodrine hydrochloride in pure form and its tablets formulation: Application to content uniformity testing*
MA Omar, DM Nagy, ME Halim.
Luminescence 34, 84–89, 2019.
- *Fluorecamine-based fluorophore for spectrofluorimetric determination of heptaminol in human plasma; application to spiked human plasma*
MA Omar, DM Nagy, ME Halim.
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (227), 2020
- *Highly sensitive spectrofluorimetric procedure for the assay of phenothiazine derivatives in the presence of their sulfoxide oxidized product.*
MA. Omar, AM Mohamed, DM. Nagy, H Salem, OH Abdelmageed.
Luminescence 35, 1134–1141 2020.
- *Condensation of heptaminol hydrochloride for its spectrofluorimetric determination in pure form and tablets: application in human plasma*
ME Halim, MA Omar, DM. Nagy.
Luminescence 35, 821–826, 2020.

- *The first spectrofluorimetric approach for accurate determination of trimetazidine in its dosage forms: Application to content uniformity testing*
ME Halim, MA Omar, NA Abdallah, DM Nagy
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (242), 2020.
- *Green spectrofluorimetric determination of salmeterol xinafoate in its pure forms, medicinal commercial formula, and human plasma: Application for stability studies*
MA. Omar, DM Nagy, HS Ahmed, TZ Attia.
Luminescence 36, 937–942, 2021.
- *Use of Hantzsch reaction for quantitation of milnacipran as a magic treatment for fibromyalgia syndrome in human plasma and urine*
IM Mostafa, MA Omar, DM Nagy, SM Derayea
Luminescence 36, 73–78, 2021.
- *Green innovative fluorescence approach for the feasible and reliable assay of thiol-containing drugs; captopril as a model.*
SM. Derayea, DM. Nagy, KhM. Badr El-Din, TZ. Attia, E Samir, AA Mohamed, AA Hamad
RSC Advances 12, 17607–17616, 2022.
- *Concurrent estimation of montelukast and loratadine mixture in spiked human plasma utilizing high-performance thin-layer chromatography with ultraviolet detection*
AA Khorshed, FM. Abdelnaeem, SM. Derayea, M Oraby, DM Nagy
JPC Journal of Planar Chromatography Modern TLC, 35, 617–625, 2022.
- *Ultrasensitive TLC determination of montlukast and loratadine mixture in human plasma utilizing fluorescence detection at dual pH values: Toward attaining separate maximum fluorescence intensity*
AA Khorshed, FM. Abdelnaeem, SM Derayea, DM Nagy, M Oraby
Journal of Chromatography B 1193, 123161, 2022.
- *Orthophthaldehyde as a fluorescent probe for the feasible and sensitive assay of heptaminol: application to dosage forms and real human plasma*
SM Derayea, PY Khashaba, M Abdelgaleel, DM Nagy
Luminescence 37, 230–237, 2022.
- *Development of a simple validated spectrofluorometric method for the assay of midodrine in tablets dosage form; Application to content uniformity testing*
PY Khashaba, M Abdelgaleel, SM Derayea, DM Nagy.
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 27, 121046, 2022.

- *Spectrofluorimetric assay of amlodipine and perindopril in their raw materials, pharmaceutical formulations and spiked human plasma through the formation of complexes with Eosin Y*

H Salem, A Abdelaziz, SM Derayea, DM Nagy, KhM Badr El-Din.

Journal Chemical Papers Slovak Academy of Sciences, 77(2), 2023.

- *Augmentation of Brexpiprazole fluorescence through photoinduced electron transfer inhibition for the sensitive spectrofluorimetric assay of pharmaceutical dosage forms and spiked human plasma: Application to content uniformity testing*

SM Derayea, AS. Zaafan , DM Nagy, M Oraby.

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (301), 2023.

- *Studying the kinetic of midodrine degradations using TLC stability approach: Application to dosage form and human plasma*

DM Nagy, M Abdelgaleel, SM Derayea, PY Khashaba.

Journal of Pharmaceutical and Biomedical Analysis 229, 115322, 2023.

- *Utilization of erythrosine B in spectrofluorimetric quenching analysis of amlodipine and perindopril in pharmaceutical and biological matrices*

KhM Badr El-Din, H Salem, SM Derayea, A Abdelaziz, DM Nagy

Wiley Analytical Science

- *Utility of dansyl chloride for the establishment of a sensitive spectrofluorimetric approach for estimating midodrine hydrochloride: application to content uniformity testing*

Sayed M. Derayea, Mahmoud Abdelgaleel, Dalia M. Nagi, Mohamed Oraby and Pakinaz Y. Khashabade

Royal Society of Chemistry Advances 13, 33453, 2023

- *A facile on-off fluorescence approach for fluvoxamine determination in pharmaceutical tablets; application to content uniformity testing*

Sayed M. Derayea, Mohamed Oraby, Al Amir S. Zaafan, Ahmed Abdulhafez Hamad and Dalia M. Nagy

Royal Society of Chemistry Advances 14, 8283, 2024