
Contact

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Hobbies:

Reading

Photography

Drawing and painting

Zeinab Mohammed Goda

Lecturer

Pharmaceutical Analytical Chemistry Department - Faculty of Pharmacy –
Cairo University

PERSONAL INFORMATION

Full name: Zeinab Mohammed Goda Abd-El Gawad

Date of birth: 9 June 1989

Marital status: Single

ACADEMIC DEGREES

Doctor of Philosophy Degree in Pharmaceutical Sciences
“Analytical Chemistry”, 2022.

Master’s degree in Pharmaceutical Sciences “Analytical
Chemistry”, 2017.

Bachelor of Pharmaceutical Science, from Faculty of Pharmacy -
Cairo University, 2011.

WORK EXPERIENCE

Galal El-Din Community Pharmacy

June 2011- May 2012

Faculty of Pharmacy -Cairo University

May 2012 -Current time

I am teaching undergraduate and postgraduate students the
practical and the theoretical principles of analytical chemistry.

RESEARCH INTERESTS

- Analysis of pharmaceutical compounds utilizing different analytical techniques as spectroscopy, separation methods and electrochemical analysis.
- Chemometric studies.
- Bioassays and biovalidation.
- Green analytical chemistry and development of eco-friendly analytical techniques.

Career History and Professional Experience

1 October 2024- current time: Assistant of Vice Dean of Education and Student Affairs- Faculty of Pharmacy -Cairo University.

September 2023: Member of organization of the annual conference of Pharmaceutical analytical chemistry Department - Faculty of Pharmacy Cairo University.

April 2016: Member of organization of the 7th international conference of Faculty of Pharmacy Cairo University "From Bench to Market".

Conferences

16 -17 April 2016: The 7th international conference of Faculty of Pharmacy Cairo University "From Bench to Market".

25 -26 April 2015: The 6th international conference of Faculty of Pharmacy Cairo University "2020 Vision for Pharmacy in Egypt".

Attended courses and workshops

- 27 December 2024: **Role of quality control in pharmaceutical Industries**, Online webinar by Alumni Office - Faculty of Pharmacy Cairo University.
- 7 November 2024: **Molecular networking approach in the characterization of MS-based untargeted metabolome**, National Research Centre, Egypt.
- 20 February 2024: **Watch and Improve Complex Separations**, Merck exclusive HPLC webinars.
- 14 - 15 February 2024: **Positive thinking**, Online course at Faculty and Leadership Development Center - Cairo University.
- 20 September 2023: **Understanding Post-submission Manuscript's Statuses**, CABI Online Webinars.
- 20 July 2023: **German Science Day**, DAAD Kairo Akademie (DKA).
- 18 September 2022: **NMR fundamentals**, National Research Centre, Egypt.
- 4 October 2021: **Analysis with Mass Spectrometry**, DAAD Kairo Akademie (DKA).
- 3 - 4 March 2021: **Fundamentals of blended learning**, Online course at Faculty and Leadership Development Center - Cairo University.
- 3 - 4 March 2021: **Fundamentals of blended learning**, Online course at Faculty and Leadership Development Center - Cairo University.
- 21- 22 October 2020: **Critical thinking**, Online course at Faculty and Leadership Development Center - Cairo University.
- 13- 14 July 2020: **Effective teaching skills**, Online course at Faculty and Leadership Development Center - Cairo University.
- 2- 3 September 2019: **Crisis management**, Faculty and Leadership Development Center - Cairo University.
- 6 - 7 February 2019: **The art of effective leadership**, Faculty and Leadership Development Center - Cairo University.
- 9- 10 May 2018: **Statistical analysis in biological experiments**, Faculty and Leadership Development Center - Cairo University.
- 4 - 5 February 2017: **Examination systems and student evaluation**, Faculty and Leadership Development Center - Cairo University.

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- 17 - 18 February 2016: **Professional ethics and conduct in academic work**, Faculty and Leadership Development Center - Cairo University.
 - 14 - 15 September 2015: **Research team management**, Faculty and Leadership Development Center - Cairo University.
 - 13 - 14 July 2015: **International publication of scientific research**, Faculty and Leadership Development Center - Cairo University.
 - 26 May 2015: "**Designing Scientific Posters**" module, DAAD Kairo Akademie (DKA).
 - 26 March 2015: **Competitive Research Proposal writing**, DAAD Kairo Akademie (DKA).
 - 30 October 2014: **Self- marketing**, DAAD Kairo Akademie (DKA).
 - 10 - 11 September 2014: **Financial and legal aspects in academic work**, Faculty and Leadership Development Center - Cairo University.
 - February 2014: **Laboratory Quality Management Systems**, Biotechnology Centre - Faculty of Pharmacy Cairo University.
 - September 2012: **Quality by Design**, Drug Manufacturing Unit (DMU) - Faculty of Pharmacy Cairo University.
 - July 2012: **Project management**, DAAD Kairo Akademie (DKA).
 - 26 - 28 May 2012: **Effective presentation skills**, Faculty and Leadership Development Center - Cairo University.

Publications:

- **Metabolomics analysis of Cucumis melo var. flexuosus organs in correlation to its anti-inflammatory activity aided by chemometrics.** El-Sayed, H. M., D. M. Rasheed, E. A. Mahrous, B. M. Eltanany, Z. M. Goda, L. Pont, F. Benavente and E. Abdel-Sattar. *Journal of Pharmaceutical and Biomedical Analysis*: 116512 (2025).
- **Exploring geographic variations in quinoa grains: Unveiling anti-Alzheimer activity via GC-MS, LC-QTOF-MS/MS, molecular networking, and chemometric analysis.** I. Y. Younis, M. S. Sedeek, A. F. Essa, A. M. Elgamal, B. M. Eltanany, Z. M. Goda, L. Pont, F. Benavente and E. Mohsen. *Food Chemistry*: 141918 (2025).
- **A Novel Spectrofluorimetric Method for Vibegron in the Newly FDA Approved Pharmaceutical Formulation and in Human Plasma: Analytical QbD Strategy for Method Development and Optimization.** M. Wadie, M. A. Tantawy, Z.M. Goda. *Journal of Fluorescence*: 1-11 (2024)
- **A synergistic framework for development of green HPLC methods for determination of amlodipine besylate and candesartan cilexetil in presence of their hydrolytic degradation products in two different matrices.** S.A. Boltia, Z.M. Goda, Y.M. Fayez, M. Nebsen. *Sustainable Chemistry and Pharmacy*: 30, 100857 (2022).
- **Stable solid-state microfabricated potentiometric sensor based on chitosan-Prussian Blue nanocomposite film for amlodipine selective detection.** Y.M. Fayez, A.M. Mahmoud, M. Nebsen, Z.M. Goda, S.A. Boltia. *Journal of The Electrochemical Society*: 168 (5), 057504 (2021).
- **HPLC and TLC chromatographic methods for simultaneous determination of binary mixture of isoconazole nitrate and diflucortolone valerate.** Y.M. Fayez, M.R. Elghobashy,

Z.M. Goda, M.A. Shehata. *Bulletin of Faculty of Pharmacy, Cairo University*: 54 (1), 33-37 (2016).

- **Comparative study on four spectrophotometric methods manipulating ratio spectra for the simultaneous determination of binary mixture of diflucortolone valerate and isoconazole nitrate.** M.R. El-Ghobashy, Y.M. Fayez, Z.M. Goda, M.A. Shehata. *Bulletin of Faculty of Pharmacy, Cairo University*: 54 (1), 39-47 2016 (2016).

References: Furnished upon request.