



Curriculum Vitae (CV)

Maha Mohamed Abdelrahman Genidy



Personal Data:

Name: Maha Mohamed Abdelrahman Genidy
Current position: Lecturer at Analytical Chemistry Department, Faculty of Pharmacy, Beni-Suef University, Beni Suef, Egypt
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Website: www.bsu.edu.eg
Date of birth: January, 15th, 1983
Nationality: Egyptian
Gender: Female

Education:

Start/End date **PhD degree of pharmaceutical sciences** (Analytical Chemistry),
July 2011-now Faculty of Pharmacy, Beni-Suef University
Start/End date **Master degree of pharmaceutical sciences** (Analytical Chemistry),
June 2008-2011 Faculty of Pharmacy, Beni-Suef University
Start/End date **Bachelor of pharmaceutical sciences** (Excellent with honor), Faculty
May 2004-2008 of Pharmacy

Master Thesis title:

"Analysis of Some Nitrogen Containing Pharmaceutical Preparations"

Ph.D. Thesis title:

"Analytical and stability study of some pharmaceutical compounds of different pharmacological activity"

Research Interest:

- chromatographic methods (including HPLC and HPTLC),
- spectrophotometric methods and spectrofluorimetric methods
- The main research applications are focused on analysis of APIs in raw materials, pharmaceutical products, whether in mixtures or in presence of



impurities and degradation products.

- **Determination of pharmaceutical compounds in biological fluids for clinical applications and pharmacokinetic studies.**
- **Determination of pharmaceutical residues in environmental samples.**

Professional Positions:

Start/End date 2004-2008	Faculty of Pharmacy, Beni-Suef University Instructor in Pharmaceutical Analytical Chemistry Dept.
Start/End date 2008-2011	Faculty of Pharmacy, Beni-Suef University Assistant Lecturer in Pharmaceutical Analytical Chemistry Dept.
Start/End date 2011-now	Faculty of Pharmacy, Beni-Suef University Lecturer in Pharmaceutical Analytical Chemistry Dept.
Start/End date 2012-2015	Faculty of Pharmacy, Nahda University Lecturer in Pharmaceutical Analytical Chemistry Dept.
Start/End date Jan. 2015-now	Faculty of Pharmacy, Beni-Suef University Director of Crisis and Disasters management Unit
Start/End date April 2015- now	Beni-Suef University Vice director of Talented, Creators & Inventors Development Center (TCIDC)
2013-2014	Faculty of Pharmacy, Beni-Suef University Member of Postgraduate committee

Courses & Teaching Activities:

2011-now	Teaching and supervising the practical courses of pharmaceutical analytical Chemistry for the undergraduate students (first, second & fifth year) in Faculty of Pharmacy, Beni-Suef University
2011-now	Oral examiner for undergraduate students in faculties of pharmacy Beni-Suef (all pharmaceutical analytical Chemistry)
2015-2016	Teaching at Faculty of Postgraduate Studies for Advanced Sciences (PSAS), Beni-Suef University
2014-2015	Supervising the summer training of undergraduate students at Faculty of Pharmacy, Beni-Suef University
2011-now	Teaching and supervising in pharmaceutical analytical Chemistry for the postgraduate students in Faculty of Pharmacy, Beni-Suef University



- April 2015** Coordinator of "Research committee of undergraduate students", Faculty of pharmacy, Beni-Suef University
- March 2015** Coordinator of program specifications of Faculty of pharmacy, Beni-Suef University
- 2011-now** Undergraduate and postgraduate Students Control Faculty of Pharmacy , Beni-Suef University
- June 2014** Member in Asian Council of Science Editors (ACSE)
- August 2015** Member of organizing committee 1st International Conference of Faculty of Pharmacy, Beni-Suef University "Health between Nutrition and treatment" (HNT-BSU 2015), Beni-Suef, Egypt
- 2011-now** Academic advisor for Undergraduate students of clinical program

Conferences participation:

- March 28th - 29th, 2008** - Poster presented at 1st International Scientific Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt. Entitled "Determination of dropropizine in presence of its oxidative degradate by four different techniques", Hala E. Zaazaa, Samah S, Abbas, M. Abdelkawy, **Maha M. Abdelrahman.**
- April 24th- 25th, 2013** - Poster presented at 4th International Scientific Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt. Entitled "Stability indicating HPTLC method for determination of ascorbic acid, paracetamol and guaifenesin in their ternary mixture", **Maha M. Abdelrahman,** Nada S. Abdelwahab, Eglal A. Abdelaleem
- January 21th - 22th, 2015** - Poster presented at International conference on Pharmaceutical Sciences, Dubai, UAE. Entitled "Validated TLC-densitometric Method for Simultaneous Determination of Hydroxyzine Hydrochloride, Ephedrine Hydrochloride and Theophylline", **Maha M. Abdelrahman,** Nourudin W. Ali, Hala E. Zaazaa, Maimana A. Magdy, M. Abdelkawy
- 25-26 May 2015** Invited participant in the International Forum On “**Harnessing Women’s Talents In Science, Technology and Innovation**” Organized By International Science, Technology and Innovation Centre (ISTIC) For South-South Cooperation Under The Auspices of UNESCO, Kuala Lumpur, Malaysia
- 28 June-3 July 2015** Invited participant as a young scientist in "**The 65th Lindau Nobel Laureate Meeting**", Lindau, Germany
- August 30th- 31th, 2015** - Poster presented at 1st International conference of Faculty of pharmacy, Beni Suef University, Beni-Suef, Egypt. Entitled "High-Performance Liquid Chromatography Assay for Urinary Salbutamol Following Inhaled Administration", **Maha M. Abdelrahman**



A reviewer for the following scientific international journals:

- Analytical Letters journal
- Arabian Journal of Chemistry
- Journal of AOAC International
- Pharmaceuticals journal
- Acta chromatographica journal
- Natural Science Journal
- Journal of Pharmaceutics
- Pharmaceutical methods
- Bulletin of Faculty of Pharmacy Cairo University
- Journal of Saudi Chemical Society
- International Journal of Pharmaceutics
- European Journal of Chemistry
- Current Pharmaceutical Analysis Journal
- Spectrochimica Acta Part A: Molecular and Bimolecular Spectroscopy
- Internationals Journal of Pharmaceutics
- Journal of Chromatography B

General certificates:

- TOEFL (PBT score 615).
- International Computer driving License (ICDL).

Honorary:

- The Best PhD thesis in Beni-Suef University for the academic year 2011/2012.
- Member of the Egyptian Young Academy of Sciences (EYAS) under auspices of Academy of Scientific Research and Technology (ASRT) in Egypt.
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List of publications:

- 1 Simultaneous determination of carbinoxamine maleate and pseudoephedrine HCl in their pure form and in their pharmaceutical formulation by HPTLC-densitometric method. **Maha M. Abdelrahman**, Eglal A. Abdelaleem, Nourudin W. Ali, Raghda A. Emam. European Journal of Chemistry 7 (1) (2016) 37-41.
- 2 Spectrophotometric methods for analysis of different dosage forms containing pyridoxine hydrochloride. Neven M. Habib, Nada S. Abdelahab, **Maha M. Abdelrahman**, Nourudin W. Ali. European Journal of Chemistry 7 (1) (2016) 30-36.
- 3 Simultaneous determination of Carbazochrome and Troxerutin in their binary mixture by HPLC and HPTLC-Densitometric methods. **Maha M. Abdelrahman**, Eglal A. Abdelaleem, Nourudin W. Ali, Raghda A. Emam. Bulletin of Faculty of Pharmacy, Cairo University (2016) [DOI:10.1016/j.bfopcu.2016.01.001](https://doi.org/10.1016/j.bfopcu.2016.01.001)
- 4 Least-Squares Regression and Spectral Residual Augmented Classical Least-Squares Chemometric Models for Stability-Indicating Analysis of Agomelatine and Its Degradation Products: A Comparative Study. Ibrahim A. Naguib, **Maha M. Abdelrahman**, Mohamed R. El Ghobashy, Nesma A. Ali. Journal of AOAC International 99 (2) (2016) 1-10.
- 5 Three Spectrophotometric Methods for Simultaneous Determination of Ampicillin and Dicloxacillin in Presence of Their Major Impurity 6-Aminopenicillanic Acid. **Maha M. Abdelrahman**, Ibrahim A. Naguib, Hala E. Zaazaa. Austin Journal of Analytical and Pharmaceutical Chemistry 2 (5) (2015), 1050.
- 6 Development and Validation of Chromatographic Methods for Resolving Ternary Mixture of Diflunisal, Naproxen and Diflunisal Toxic Impurity. Neven M. Habiba, Nada S. Abdelwhab, **Maha M. Abdelrahman**, Nourudin W. Ali. Analytical Chemistry Letters 5 (6) (2015), 399-409.
- 7 In vitro/in vivo correlation and modeling of emitted dose and lung deposition of inhaled salbutamol from metered dose inhalers with different types of spacers in noninvasively ventilated patients. Raghda R. S. Hussein, Ahmed M. A. Ali, Heba F. Salem, **Maha M. Abdelrahman**, Amira S. A. Said, Mohamed E. A. Abdelrahim. Pharmaceutical Development and Technology (2015) 1-10.
- 8 In-Vitro Characterization of the Aerosolized Dose During Non-Invasive Automatic Continuous Positive Airway Pressure Ventilation. Ahmed Hassan, Hoda Rabea, Raghda R.S. Hussein, Randa S. Eldin, **Maha M. Abdelrahman**, Amira S. A. Said, Heba F. Salem, Mohamed E. Abdelrahim. Pulmonary



Therapy, (2015)1-12.

- 9 Determination of dimenhydrinate and cinnarizine in combined dosage form in presence of cinnarizine impurity. Nada S. Abdelwahab, **Maha M. Abdelrahman**, Fathy M. Salama, Amal B. Ahmed. European Journal of Chemistry 6 (2015), 475-481.
- 10 Micellar liquid chromatographic determination of salbutamol sulfate in presence of methyl paraben, propyl paraben and benzoic acid: Application to content uniformity testing. **Maha M. Abdelrahman**. Journal of Iranian Chemical Society, 12 (2015) 1439–1446.
- 11 Development of Membrane Electrode for the Selective determination of Bromazepam in Tablets and Plasma. Nesma A. Ali, **Maha M. Abdelrahman**, Ibrahim A. Naguib and Mohamed R. El Ghobashy. Analytical and Bioanalytical Electrochemistry, 7 (2), 242-253 (2015).
- 12 HPTLC Method for Quantitative Determination of Zopiclone and Its Impurity. Ibrahim A. Naguib, **Maha M. Abdelrahman**, Mohamed R. El Ghobashy, Nesma A. Ali. Journal of Chromatographic Sciences, 3, 1-5 (2015).
- 13 Stability indicating RP-HPLC method for the determination of Flubendazole in pharmaceutical dosage forms. Nada S. Abdelwahab, **Maha M. Abdelrahman**, RSC Advances, 1, 1-9 (2015).
- 14 Quantitative determination of Zopiclone and its impurity by four different Spectrophotometric methods. **Maha M. Abdelrahman**, Ibrahim A. Naguib, Mohamed R. El Ghobashy, Nesma A. Ali. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 137, 617–624 (2015).
- 15 Novel Spectrophotometric Methods for Determination of Salicylamide and Ascorbic Acid in Their Binary Mixture. Nourudin W. Ali, Hala E. Zaazaa, **Maha Mohamed Abdelrahman**, Maimana A. Magdy and Mohamed Abdelkawy. Journal of The Chemical Society of Pakistan, 36, 988-995 (2014).
- 16 Kinetic Study and Mechanism of Niclosamide Degradation, Hala E. Zaazaa, **Maha M. Abdelrahman**, Nouruddin W. Ali, Maimana A. Magdy, M. Abdelkawy. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 132, 655–662 (2014).
- 17 Selective spectrophotometric methods for determination of ternary mixture with overlapping spectra: A comparative study. **Maha M. Abdelrahman**. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 124: 389–396 (2014).



- 18 Superior spectrophotometric method for determination of a ternary mixture with overlapping spectra. **Maha M. Abdelrahman**, Nada S. Abdelwahab. Analytical Methods, 6, 509-514(2014).
- 19 Stability indicating HPTLC method for determination of Metopimazine in pharmaceutical formulation and human plasma. Ibrahim A. Naguib, **Maha M. Abdelrahman**. Beni-Suef University Journal of Basic and Applied Sciences, 3, 52- 62 (2014).
- 20 Simultaneous Determination of Methocarbamol and Ibuprofen by First Derivative Synchronous Fluorescence Spectroscopic Method in Their Binary Mixture and Spiked Human Plasma. Nada S. Abdelwahab, **Maha M. Abdelrahman**. Journal of Fluorescence, 129-135 (2014).
- 21 Simultaneous determination of Cinnarizine and Domperidone by area under curve and dual wavelength spectrophotometric methods. **Maha M. Abdelrahman**. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 113: 291–296 (2013).
- 22 Mean centering of ratio spectra and successive derivative ratio spectrophotometric methods for determination of isopropamide iodide, Trifluoperazine hydrochloride and trifluoperazine oxidative degradate. **Maha M. Abdelrahman**, Eglal A. Abdelaleem. Journal of Saudi Chemical Society, December (2012) DOI: 10.1016/j.jscs.2012.10.003.
- 23 Validated stability indicating methods for determination of nitazoxanide in presence of its degradation products. Nouruddin W. Ali, Samah S. Abbas, Hala E. Zaazaa, **Maha Mohamed Abdelrahman**, Mohamed Abdelkawy. Journal of Pharmaceutical Analysis, 2(2):104–115 (2012).
- 24 Simultaneous Determination of Diloxanide Furoate and Metronidazole in Presence of Diloxanide Furoate Degradation Products. Samah S. Abbas, Nour E. Wagieh, M. Abdelkawy and **Maha M. Abdelrahman**. Journal of AOAC International, Vol. 94 (5) 1427-1439 (2011).
- 25 Spectrophotometric and spectrodensitometric determination of triamterene and xipamide in pure form and in pharmaceutical formulation. Nour E. Wagieh, Samah S. Abbas, M. Abdelkawy and **Maha M. Abdelrahman**. Drug Testing and Analysis, 2, 113- 121(2010)
- 26 Spectrophotometric determination of isopropamide Iodide and trifluoperazine hydrochloride in presence of trifluoperazine oxidative degradate. Samah S. Abbas, Hala E. Zaazaa, M. Abdelkawy and **Maha M. Abdelrahman**. Drug Testing and Analysis, 2, 168–181 (2010).



- 27 Spectrophotometric and spectrodensitometric determination of Clopidogrel Bisulfate with kinetic study of its alkaline degradation. Hala E. Zaazaa, Samah S. Abbas, M. Abdelkawy, **Maha M. Abdelrahman**. Talanta, 78, 874–884 (2009).
- 28 Determination of dropropizine in presence of its oxidative degradate by four different techniques. Hala E. Zaazaa, Samah S. Abbas, M. Abdelkawy, **Maha M. Abdelrahman**. Bulletin of Faculty of Pharmacy Cairo University, Vol. 46 (1) 191-204 (2008) (Special Issue).