

Ragaa Magdy Esmail
12th November, 1989 · 6 October city, Giza, Egypt
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Education:

- **Ph.D. candidate** : "Analytical Study on Some Drugs Used in the Treatment of Hypertension in binary or ternary mixtures ", Faculty of Pharmacy-Ain Shams University", (April 2019 - ongoing).
- **Ms.c. candidate:** "Analytical Study on Some Drugs Used in the Treatment of Hypertension", Faculty of Pharmacy-Ain Shams University", (10-November-2018).
- **Bachelor degree** of Pharmacy and Pharmaceutical Sciences, Faculty of Pharmacy Ahrum Canadian University – Cumulative grade Excellent with Honors (GPA: 3.984), (June 2013).
- Clinical Nutrition Diploma, Alazhar university (February 2022- Ongoing)

Work Experience:

- lecturer Assistant in Pharmaceutical Analytical Chemistry Department - Ahrum Canadian University (November-2018- Ongoing)
- Teaching Assistant in Pharmaceutical Analytical Chemistry Department - Ahrum Canadian University (October 2013- November-2018)
- Honored to be selected to a professional level of the fellowship (**Be an Ambassador**) for **Sustainable Development** and complete the last phase of under the auspices of the Ministry of Planning and Economic Development and the National Institute for Governance and Sustainable Development. Training includes three levels “Introductory, Specialized and Professional (TOT)”. To prepare the youth from the Arab Republic of Egypt to achieve Egypt Vision 2030, to be the future Sustainability Ambassadors and Pioneers in Egypt. (2022)
- CEO of RUJA natural cosmetics and body works for natural, vegan and ecofriendly skin care.
- Presenter at elyoum7 journal.

Skills:

- Officially Trainer approved by Ministry of Planning and Economic Development and the National Institute for Governance and Sustainable Development.
- Teaching (English and Arabic language)
- Development, validation and assessment of green analytical chemistry methods.
- HPLC-MS/MS Chromatographic Analysis
- HPLC-UV Chromatographic Analysis
- Spectrophotometric Analysis
- Chemometric Assisted Spectrophotometric Techniques.
- Sample Preparations (Real Plasma and Pharmaceutical).
- Conferences organization.
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Activities:

–Journal Publications:

Determination of amlodipine and atorvastatin mixture by different spectrophotometric methods with or without regression equations	SpectrochimicaActa Part A Online (2018)	El Sevier Impact factor 4.098
Application of two different spectrophotometric approaches for the determination of new antihypertensive combination: Graphically and statistically representation of data	European Journal of Chemistry Accepted June 2022	
Comparative pharmacokinetics of trandolapril, its active metabolite, and verapamil in human plasma of Egyptian population using HPLC–MS/MS	Volume10, Issue7 July 2018 Pages 1158-1167	WILEY Impact factor 3.342
Univariate calibrations with or without chemometric assistance for determination of drugs lacking peak maxima in their zero-order profiles	SpectrochimicaActa Part A Online (2018)	El Sevier Impact factor 4.098
Response surface design as a powerful tool for the development of environmentally benign HPLC methods for the determination of two antihypertensive combinations: Greenness assessment by two green analytical chemistry evaluation tools	Journal of separation science August 2018 Volume41, Issue16 Pages 3213-3223	WILEY Impact factor 3.645
Comparison Between Cyano and C-18 Columns for Separation of Trandolapril and Verapamil with ESI-Q-ToF-MS Characterization of Acidic and Basic Degradation Products: Stability Indicating Assay Methods.	<i>Chromatographia</i> 2018 Pages 1-10	Springer Impact factor 2.04
Simultaneous spectrophotometric determination of drugs lacking peak maxima in their zero-order profiles by graphical or statistical representation of data	European Journal of Chemistry September 2018 Volume: 9 Issue :3 Pages:194-201	
Stepwise Optimization Strategies Utilizing Recent Univariate and Multivariate Methods for Determination of the Partially Overlapped Mixture Perindopril and Indapamide	Analytical Chemistry Letters January (2018) volume (8), Issue 4, pages 486-502	El Sevier Impact factor 2.4

–Posters:

Comparative pharmacokinetics of trandolapril, its active metabolite, and verapamil in human plasma of Egyptian population using HPLC–MS/MS	2 nd international Pharmaceutical conference IPCACU	15 November 2018 <u>Granted best poster in the conference.</u>
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–Conference and training

2 nd international Pharmaceutical conference IPCACU	Organizer and poster	15 November 2018 <u>Granted the best poster in the conference.</u>
1 st international conference IPCACU, Faculty of Pharmacy, Ahram Canadian University,	organizer	May 2016
Africa Health ExCon, accredited by The Scientific Council of Egyptian Medical Association (SCEMA)	Participated	5-7 June 2022
Step on the way, EPSF – ACU, Faculty of Pharmacy, Ahram Canadian University	Speaker	17 February 2022
The role of integrated environmental management of the waste system in mitigating climate change, institute of national planning (INP)	Training program	24 August 2022
“The way to sustainable pharmacy” initiation, ministry of planning and economic development, National Institute for Governance and Sustainable Development” (NIGSD)	June –ongoing	