

RANDA ALI ABDELSALAM MOUSSA

Professor of Analytical Chemistry, Suez Canal University, Ismailia, Egypt.

Date of Birth: 18 April 1980, Ismailia., Egypt

Gender: Female

Nationality: Egyptian

Marital Status: Married

PERSONAL

- Name**
Randa Ali Abdelsalam Moussa
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INTERESTS

- Drawing



EDUCATION AND QUALIFICATIONS

- Sep 1997 - May 2002 **B. Sc. Pharmacy, Excellent with Honor**
Faculty of Pharmacy, Suez Canal University, Egypt., Ismailia
- Sep 2002 - May 2007 **M. Sc. Pharmaceutical Analytical Chemistry**
, Faculty of Pharmacy, Suez Canal University, Ismailia
- Jul 2007 - Jul 2009 **Ph. D. Pharmaceutical Analytical Chemistry**
Faculty of Pharmacy, Suez Canal University, Ismailia



WORK EXPERIENCE

- Aug 2002 - May 2007 **Research assistant**
Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia
- Jun 2007 - Aug 2009 **Teaching assistant**
Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia
- Aug 2009 - Dec 2014 **Lecturer**
Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia
- Dec 2014 - Apr 2020 **Associate professor**
Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia
- Apr 2020 - Oct 2022 **Professor**
Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University, Ismailia



PROFESSIONAL EXPERIENCE

- Professor of pharmaceutical Analytical Chemistry and head of analytical chemistry department, Faculty of Pharmacy, Faculty of Pharmacy Suez Canal University from 2020 - till now.
- Associate professor of pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Sinai University 2019-2020
- Associate professor of Analytical Chemistry, Faculty of Pharmacy, Suez Canal University from 2014- 2019.
- Lecturer in Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University from 31/8/2009 -2014.
- Teaching assistant in Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University from 2007 – 2009.
- Research assistant in Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University from 2002 to 2007.



MEMBERSHIP IN INSTITUTIONAL COMMITTEES AND PROGRAMS

- Head of Pharmaceutical Analytical Chemistry Department
 - Pharmaceutical MBA professional Master program coordinator
 - Head of the postgraduate Students Assessment and Evaluation Unit
 - Chairman of Scientific research ethics committee, Faculty of Pharmacy, Suez Canal University.
 - Head of Academic Support Center for undergraduate students.
 - Academic advisor for PhD students.
 - A member of Pharm.D. Students' Assessment and Evaluation Unit, Faculty of Pharmacy, Suez Canal University.
 - A member in Curriculum and Course Development Committee, Faculty of Pharmacy, Suez Canal University.
 - Former control member of under graduate programs (clinical pharmacy –and general pharmacy).
 - Former academic advisor for postgraduate students (credit hours' curriculum).
 - Former academic advisor for clinical pharmacy program.
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RESEARCH INTERESTS

- Development, optimization and validation of new analytical methods using different instrumental techniques including chromatography (HPLC, HPLC MS/MS, GC/MS/MS and HPTLC-densitometry), Spectrophotometry (derivative spectrophotometry, colorimetry, chemometry) and spectrofluorometric methods for.
 - 1- Trace detection of toxic, hazardous and pharmaceutical residuals in environmental samples such as (heavy metals, pesticide, antibiotics and corticosteroids, and cyanobacterial toxins.
 - 2- Food analysis and assessment of food safety
 - 3- Analysis of drugs and related materials in different matrices such as dosage forms and drug and its metabolites monitoring in biological fluids such as plasma, milk, saliva and urine.
 - 4- Assessment of main active constituents in herbs and natural products (tea bags, personal care products and cosmetics.
 - 5- Development and validation of stability-indicating assays and forced degradation of pharmaceuticals using several instrumental techniques.
 - 6- Quality control of pharmaceutical dosage forms, stability indicating assay for drugs, detection and quantitation of counterfeit drug components
- Drug discovery, identification and purification of targeted molecules.
- Green chemistry and sustainable methods of analysis.



SKILLS

Microsoft Package
(word, excel, power point)



PROFESSIONAL ACTIVITIES

1- Teaching

- Extensive experience of teaching undergraduate and postgraduate of pharmacy students for more than 20 years using teaching strategies like E- learning- brain storming- discussion- problem solving- case study etc.
- Teaching analytical chemistry courses for undergraduate (Pharm D, - clinical Pharm D programs), and postgraduate students, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- Teaching analytical chemistry courses for undergraduate students, Faculty of Pharmacy, Sinai University, Ismailia, Egypt.

2- Skills

- Operating modern instruments and conducting research on a variety of pharmaceutical compounds in different matrices using different analytical techniques including UV/VIS Spectrophotometry, Spectrofluorimetry, HPLC, HPTLC, GC- MS, LC- MS
- Ability to perform and conduct scientific research and to work in collaboration with others
- Effective communication skills.

3- Journal and conferences Reviewer:

- Royal Society open access Journal
- Future Journal of Pharmaceutical sciences
- Analytical methods journal (Publisher: Royal Society of Chemistry, UK)
- Journal of Environmental Science and Health, Part A
- Food analytical methods journal
- Journal of Chromatographic Science
- Egyptian Journal of Natural Toxins (EJNT) journal.
- Natural Product Research
- Journal of chemometrics
- Chromatographia
- Journal of pharmaceutical and biomedical analysis
- Editor of "Journal of Modern Pharmacology and Pathology"
- Guest Editor to "Sensitivity Enhancement Approaches to the Separation Techniques for Pharmaceutical Analysis and Therapeutic Drug Monitoring" special issue of MDPI publisher's
- Journal "Separations" Reviewer for the 3rd Annual Conference of the Graduate Research in Pharmaceutical Sciences.
- Reviewer for the 5th Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 7- 8 April 2018.
- Reviewer for the 9th Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 26- 27 April 2022.

4- External examiner

- Faculty of Pharmacy, Cairo University
- Faculty of Pharmacy, Al- Azhar University
- Faculty of Pharmacy, Misr International University. Faculty of Pharmacy, Sinai University.

5- International Collaboration

- Joint supervision with the University of Mississippi, USA, for the Ph.D. program of Mr. El sayed Ibrahim Ali, entitled " **Drug Discovery and Analysis of Biologically Active Compounds in Biotechnologically Manipulated Natural Products**"
- Joint supervision with Leuphana University of Luneburg, Germany, for the M.Sc. thesis of Mrs. Nareman Dahshan Khalil, entitled " **Fate of Selected Pharmaceuticals in the Environment** "



SUPERVISED THESIS

- (33) M.Sc. in Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University.
- (9) Ph.D. in Analytical Chemistry Department, Faculty of Pharmacy, Suez Canal University.



PATENTS

- Patent no. 202112DD, Asmaa Atta, Nagat Gareb, Randa A. Abdel Salam, Design, synthesis, and biological evaluation of novel triazole derivatives as potent anticancer compounds, 2021.



PROJECTS PARTICIPATION

Education Development Projects:

- Support and Qualifying of Educational Programs for International Accreditation in Higher Education Institutions – Faculty of Pharmacy – Suez Canal University (PI), 2022.
- Students' Practical and Professional Skills Development Innovative Project.2019
- Establishing Center for Measurement and assessment in Suez Canal University, 2018.
- CIQAP project, College of Pharmacy, Suez Canal University.
- Higher Education Enhancement of Pharmacy Courses Project (HEEPF), Faculty of Pharmacy, Suez Canal University, Ismailia- Egypt. 2008-2010.
- QAAP, College of Pharmacy, Suez Canal University, 2005.

Research Projects:

- **Evaluation of Suez Canal Environments for Toxin Producing Cyanobacteria.**
Funding organization: U.S. - Egypt Science & Technology joint fund, Ministry of Scientific Research – U.S. department of State, Project duration: 2 years.
Total amount awarded: \$ 47,000.



CONFERENCES

1. The 1st Conference of Ethics of Scientific Research at Suez Canal University, Ismailia- Egypt, April 2009.
2. The 4th international conference "Impact of Climate Change on Natural Resources" organized by Egyptian Society for Environmental Science, Ismailia- Egypt, 10- 11 November 2009.
3. The 1st International Pharmaceutical Science Conference "Pharmacy Education and Community Expectations" Faculty of Pharmacy, Tanta University, Tanta, Egypt, 18- 19 November 2009.
4. The 4th International Conference on Natural Toxins, Ismailia- Egypt, 20- 22 December 2010
5. XXXII Conference of Pharmaceutical Science, Cairo- Egypt, December 2011. By poster presentation titled: "Kinetics investigation and determination of pipoxolan hydrochloride and its degradant using liquid chromatography" and poster presentation titled: "Validated stability – indicating HPTLC and HPLC methods for determination of pipazethate and its degradant"
6. Conference of Strategic Planning for The Adoption of Quality and accreditation of Arabic Academic and Educational Institutions (about the prospects of Excellence) held guest house at Ain Shams University in Cairo from 22 -24 December 2012.
7. The 1st Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 6- 7 March 2013.
8. The 2nd Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 24- 25 October 2013.
9. The 8th International Conference " Modern quality trends and the adoption of higher education institutions and public (standards and trends) " and held in the period 5-7 December 2015
10. Conference and festive of higher education sector in National Authority of Quality Assurance and Accreditation of Education (NAQAAE) under the title: "About a Quantum leap in Higher education" Mon, 25th May 2015.
11. Sixth conference of the Egyptian society for environmental sciences entitled; genetics, biotechnology and sustainable Development in safe environment by poster presentation titled: Stability study of principal antioxidants in black seed (Nigella sativa L.) and identification of degradation products by LC/MS.
12. The 3rd Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 7- 8 May 2016.
13. The 1st international conference of pharmaceutical and medical sciences, faculty of pharmacy , Suez canal university, 1- 2 April 2017
14. The 4th Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 29- 30 April 2017.
15. The 1st Conference of clinical pharmacy "clinical pharmacy between reality and expectation" Suez Canal University, Ismailia- Egypt, 25 November 2017.

16. The 2nd SCU Conference on Clinical Pharmacy, 20th November 2018.
17. The 20th Annual meeting of preventive Cardiology & Rehabilitation” Cardio- Prevent 2018” W.G, 15th- 16th November 2018
18. The 1st Annual Conference for Post Graduate Studies (Pharmaceutical Science...Innovation & Development) 3rd December 2018.
19. The 5th Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 8- 9 April 2018.
20. The 4th Upper Egypt Assisted Reproduction Conference, Hilton Cairo Heliopolis, Cairo, Egypt, 20- 22 February 2019.
21. The 5th Annual Conference of Health Insurance Organization (Ismailia Branch) in Collaboration with Tropical Medicine Department, Suez Canal University, Tolip El Forsan, Ismailia, Egypt 21- 22 February 2019.
22. The 1st SGH Women Health Care, Saudi German Hospital 7 March 2019.
23. The 1st ADF Lipid Odyssey, Sonesta Hotel, Egypt, 21st March 2019.
24. The 23rd Pan Arab Conference o Diabetes PACD23, Marrakesh, Morocco, 29- 31 march 2019.
25. The 22nd Annual Scientific Meeting of the Egyptian Hypertension Society, Sonesta Hotel, Cairo, Egypt 3rd- 4th April 2019.
26. The 2nd International Conference of Faculty of Pharmacy, Suez Canal University, “Pharmaceuticals used in internal medicine” Tolip El Forsan, Ismailia, Egypt 8- 9 December 2019.
27. Biotechnology Innovation COVID- 19 Pandemic Conference, 26 November 2020
28. 1st International Conference on Pharmaceutical Bio- Medical Research (PBMR) “New Horizons on Pharmaceutical Sciences” Sinai University, 20th- 21st March 2022
29. The 3rd Postgraduate conference of Faculty of Pharmacy, Suez Canal University, 28 December 2021.
30. The 4th Conference for undergraduate students’ research” The New Republic. Modern Egypt”, Suez Canal University, 31 March 2022.
31. The 9th Young Researcher Conference, “Climate Change: Opportunities and Challenges” Suez Canal University, Ismailia- Egypt, 26- 28 March 2022.



WORKSHOPS

- 1- Education Enhancement of Pharmacy Courses, held on 10th September 2007, Suez Canal University- Faculty of Pharmacy.
- 2- Water Analysis training course Held on 17- 19 February 2008, Toxicology and Micro- analytical Research Unit- Suez Canal University- Faculty of Science.
- 3- (FP7 projects in health and agriculture), 16th June 2008, Suez Canal University- Faculty of Pharmacy.
- 4- Finding Funding and writing winning proposals:” An Overview of the Grants ARENA” held in 9th June, 2009, University Council Meeting Hall, Suez Canal University.
- 5- Clinical Pharmacy Seminars Series “Georgia university – college of pharmacy – office of postgraduate continuing education & outreach” held on 2nd November 2009, Misr International University – Faculty of Pharmacy.
- 6- Intellectual Property Rights, held on 5th December 2010, Suez Canal University- Faculty of Pharmacy.
- 7- "Is there a need for clinical Pharmacy in Egypt?" workshop held at Suez Canal University Hospital on 4th March 2012.
- 8- "Workshop on Chemical safety and Security" held at faculty of Medicine- Suez Canal University on 29- 30th December, 2013.
- 9- " Teaching and learning strategies" held in faculty of Pharmacy- Suez Canal University on 13th October 2015
- 10- “Quality Assurance in Higher Education”, BUCUM, Suez Canal University on 4- 5th October 2015
- 11- "Workshop on Responsible conduct of Research, how to avoid plagiarism, falsification, and fabrication" held at Technology Innovation and commercialization Office- Suez Canal University on 10th May 2016.
- 12- “Academic Advising” Academic Support Center for Students, Suez Canal University, 6- 7 September, 2016
- 13- "Research Ethics and Methodology" held in faculty of Pharmacy- Suez Canal University on 16th- October 2017.
- 14- “Strategies for Enhancing Universities Ranking and Reputation” Held in Faculty of Pharmacy- Suez Canal University on 15th- November 2017.
- 15- “Leadership Competences” Faculty of Pharmacy- Suez Canal University on 9th- August 2017
- 16- The 23rd Pan Arab Pre- Conference workshops and Cardiometabolic Program, Nasser Institute for Research and Treatment, Cairo, Egypt, 27- 28 March 2019.
- 17- “Clinical Research Methodology” Nature Research Academies, 16th October 2019. 18- “course Description” workshop held in Sinai University, 30th October 2020.
- 19- “How to Use K Moodle” workshop held in Sinai University, 12th January 2021.

20- "First Step in systematic Review" workshop held in Sinai University, 27th October 2021.

21- "The Ethics of Scientific Research on Human", Faculty of Medicine, Suez Canal University, 1st November 2021.

22- CABI online- Platform Webinar Series" Professional Writing of Grant Proposal (1- Call Selection and Proposal Alignment), Organized in collaboration with Egyptian Knowledge Bank (EKB) on 7th September 2022.

23- CABI online- Platform Webinar Series" Professional Writing of Grant Proposal (2- Writing compelling research Section), Organized in collaboration with Egyptian Knowledge Bank (EKB) on 14th September 2022.

24- CABI online- Platform Webinar Series" Professional Writing of Grant Proposal (4- Submission, review, Contracting and getting funded), Organized in collaboration with Egyptian Knowledge Bank (EKB) on 28th September 2022.

25- AdisInsight for EKB" How to use our pipeline database to support Research" Organized in collaboration with Egyptian Knowledge Bank (EKB) on 13th October 2022.

26- How to easily navigate Through Springer Nature Platform in Collaboration with Egyptian Knowledge Bank on 17th October 2022.



TRAINING SESSIONS

- 9-11, May 2006. Thinking Skills. (16hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 2-14, July 2006. University Faculty Staff Education (Presentation Skills- Using Technology in Teaching- Micro teaching) (72hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 11-14, May 2006. Scientific Research Methodology (24hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 12-15, July 2006. Effective Communication Skills (16hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 26-28, February 2008. Time and meeting managing (16hr). Central unit of ICT Training University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- April 29-1st May 2008. Credit Hours (16hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 25-26, June 2008. Quality Standards In The Teaching (16hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 23-25, December 2008. Ethics of Scientific Research (16hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 25-27, November 2008. Scientific International Publication (16hr). Central unit of ICT Training University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 2nd, November 2009. Clinical Pharmacy Seminar Series (Drug Induced Gastrointestinal Ulceration, New Drug Update: A formulary Approach, and Update on GERD and Proton Pump Inhibitor Safety (4hr). College of pharmacy, The University of Georgia and Misr International University.
- 24- 25 November 2009. "A training course in the use of databases" - Suez Canal University - Unit Digital Library of the Supreme Council of Universities. - Education Development Center - large conference hall at the University of the Suez Canal.
- 6 - 10, February 2010 "The institutional self-evaluation of higher education institutions (the National Authority for Quality Assurance and Accreditation NAQAAE)"- Suez Canal University
- 13 - 17, February 2010 "The external audit institutions of higher education (the National Authority for Quality Assurance and Accreditation NAQAAE)"-Suez Canal University.
- 13-17, March 2010 "Learning outcomes and curriculum maps - higher education (the National Authority for Quality Assurance and Accreditation NAQAAE)"- Suez Canal University.
- 31 July- 1st August 2012. "Exam systems and Students Assessment" (16hr). Faculty and Leadership Development Project (FLDP), Suez Canal University, Ministry of Higher Education, Egypt.
- 7-8 August 2012. "The Competitive Research Projects" (16hr). Faculty and Leadership Development Project (FLDP), Suez Canal University, Ministry of Higher Education, Egypt.
- 12-13 August 2012. "Research Team Management" (16hr). Faculty and Leadership Development Project (FLDP), Suez Canal University, Ministry of Higher Education, Egypt.
- 8-10, December 2015. "Leadership Competencies" (21 hr). Central unit of ICT Training University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt

- 6-7, September, 2016 "Academic Advising training session" held in Academic Support Center for Students- Suez Canal University
- 21-24, April 2018. The Statistical Analysis of Data (SPSS). Faculty and Leadership Development Project (FLDP), Suez Canal University, Ministry of Higher Education, Egypt.
- 29-30, April 2018. Advanced spread sheets (16 hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 6-7, May 2018"Web Authoring using Dream Weaver". (16 hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 15-16, May 2018. "New Teaching and learning strategies"(16 hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 23-24, May 2018. "Using of International Databases" (16 hr). Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.
- 7-10, April 2021." The Academic Leadership Preparation" Faculty and Leadership Development Project (FLDP), University Projects Management Unit (UPMU), Suez Canal University, Ministry of Higher Education, Egypt.



AWARDS

- 2023 AD Scientific index ranking among the top scientists in the field of Pharmacy and Pharmaceutical sciences in Suez Canal University (14 out of 218), Top 10K scientists in Egypt, top 50k scientists in Africa.
- Certificate of appreciation for the effective leadership in the 4thConference of Undergraduate students' Research as a Head of Academic Student Support center for Undergraduates 2022.
- Certificate of appreciation for the effort done as a Head of Postgraduate assessment and controlling system for exams supervision, 2021.
- Suez Canal University award for international publications 2008 – 2021.
- Faculty of Pharmacy, Suez Canal University, Certificate of honor for my efforts as Executive Manager of the Quality Assurance unit and securing the institutional accreditation from the National Authority for Quality Assurance and Accreditation (NAQAA) 2018.
- Best Poster Award (1st Rank) - 4rd Young Researcher Conference, Suez Canal University, Ismailia- Egypt, 29-30, April 2017.
- Certificate of honor and golden shield from the "Egyptian Pharmacists Syndicate" for scientific excellence in 2003, 2008, 2010, and 2015.
- Certificate of honor and medal from "Suez Canal University, Science Day" 2008, 2010 and 2014" for scientific effort and excellence in pharmacy education.
- Certificate of honor from Ismailia Governorate for having master and Ph.D. thesis 2008 and 2010.



MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- American Chemical Society (ACS)
- The Egyptian Pharmaceutical Society EPS
- The Egyptian General Syndicate for
- Pharmacists. The Ismailia Syndicate of
- Pharmacists since 2002. The Egyptian Society
- for Environmental Sciences.
- Member and General Secretary of the Professional Pharmacist Association.
- Member and Executive Director of the Accreditation and Quality Assurance Committee, Faculty of Pharmacy, Suez Canal University. Sept. 2010- till now.
- The chairman of Ethics Committee for Scientific Research, Faculty of Pharmacy, Suez Canal University.



PUBLICATIONS

Citation **720**
h-index **16**
i10-index **24**

<https://www.webofscience.com/wos/author/record/GLQ-8862-2022> web of science link
<https://scholar.google.com/eg/citations?user=CFqqQdUAAAAJ&hl=en> google scholar



LIST OF PUBLICATIONS

1. AA El-Waey, **RA Abdel-Salam**, GM Hadad, A El-Gindy, Eco friendly stability indicating HPTLC method for simultaneous determination of sofosbuvir and ledipasvir in pharmaceutical tablets and HPTLC-MS characterization of their degradation product, *Microchemical Journal*, 2023, 186- 108324 <https://doi.org/10.1016/j.microc.2022.108324>
2. MA Abdelshakour, AE Mostafa, GM Hadad, DM Hamed, OM El-Darder, Alaa El-Gindy, RM Khinkar, MM Aldurdunji, SS Murshid, **R A Abdel Salam**, Experimental Design Assisted HPLC/UV and LC-MS/MS for Simultaneous Determination of Selected Veterinary Antibiotics in Broiler Chicken, *Separations*, 2022, 9 (12), 427. <https://doi.org/10.3390/separations9120427>
3. A Roshdy, Randa Abdel Salam, G Hadad, F Belal, H Elmansi, Design-assisted Spectrofluorometric Method Utilizing a One-pot Fluorescent Probe for the Quantitation of some Calcium Channel Blockers, *Journal of Fluorescence*, 2022, 1-13. <https://doi.org/10.1007/s10895-022-03089-9>
4. EA Ibrahim, MM Radwan, W Gul, CG Majumdar, GM Hadad, **Randa A Abdel Salam**, AK Ibrahim, SA Ahmed, S Chandra, H Lata, MA ElSohly, AS Wanas, Quantitative Determination of Cannabis Terpenes Using Gas Chromatography-Flame Ionization Detector, *Cannabis and Cannabinoid Research*, 2022, <https://doi.org/10.1089/can.2022.0188>
5. EA Abdel Hameed, GH Abd-ElHamid, OM El-Darder, AK Ibrahim, **Randa A Abdel Salam**, GM Hadad, MA Abdelshakour, Fast Sensitive and Accurate Analysis of the Most Common Synthetic Food Colorants in 65 Egyptian Commercial Products Using New HPLC–DAD and UPLC-ESI–MS/MS Methods, *Food Analytical Methods*, 2022, 1-14. <https://doi.org/10.1007/s12161-022-02370-8>
6. HI Mokhtar, **RA Abdel-Salam**, GM Hadad, A nanocomposite of silica coated magnetite nanoparticles and aniline-anthranilic acid co-polymeric nanorods with improved stability and selectivity for fluoroquinolones dispersive micro solid phase extraction, *Journal of Chromatography B*, 2022, 1206, 123350.
7. BM Selim, **RA Abdelsalam**, A El-Gindy, BG Eid, T Neamatallah, AN Khayyat, GM Hadad, MM Elkhoudary A green approach to the analysis of co-administered ampicillin/sulbactam and paracetamol in human urine, *Acta Pharmaceutica*, 2022, 72 (2), 259-274.
8. RI Moussad, **RA Abdel Salam**, GM Hadad, A El Gindy, AI Foudah, Eman A Abdel Hameed A novel HPLC method for simultaneous quantification of eleven phenolic antioxidants in commercial personal care and food products which contain extracts of green apple, pomegranate and argan oil, *Acta Chromatographica*, 2021,34 (1), 77-86.
9. AZ Alkaraly, L Kormod, **RA Abdelsalam**, GM Hadad, AE El-Gendy, LC-UV and LC-MS/MS detection and quantification of steroid hormones in edible food samples and water using solid phase extraction, *International Journal of Environmental Analytical Chemistry*, 2021, 1-17.
10. KA Marghany, **RA AbdelSalam**, GM Hadad, EI Ibrahim, Green UV Absorbance Ratio Method for Determination of Eprosartan and Hydrochlorothiazide, *Records of Pharmaceutical and Biomedical Sciences*, 2021, 5,90-91.
11. MH El Demeiry, S Emara, Y Abuleila, A Ali, GM Hadad, **RA AbdelSalam**, A review article on Ciprofloxacin determination with various analytical techniques, *Records of Pharmaceutical and Biomedical Sciences*. 2021, 5, 28-32
12. MH El Demeiry, A Ali, Y Abouleila, W Zarad, H El-Gendy, **RA Abdel Salam**, GMHadad, Y Shimizu, T Masujima, S Emara, Direct infusion nano-electrospray ionization mass spectrometry for therapeutic drug monitoring of ciprofloxacin and its metabolites in human saliva, *Journal of Pharmaceutical and Biomedical Analysis*, 2021, 195, 113866.
13. MA Abdelshakour, GM Hadad, **RA Abdel Salam**, DM Abo-ElMatty, Eman A Abdel Hameed, HPLC and UPLC-MS/MS methods for analyzing TRAMADOL in 70 medicinal illegal products: Application to counterfeit study, *Microchemical Journal*, 2021,161, 105823.
14. MA Abdelshakour, **RA Abdel Salam**, GM Hadad, DM Abo-ElMatty, EA Abdel Hameed, HPLC-UV and UPLC-MS/MS methods for the simultaneous analysis of sildenafil, vardenafil, and tadalafil and their counterfeits dapoxetine, paroxetine, citalopram, tramadol, and yohimbine in aphrodisiac products, *RSC Advances* 2021, **11**, 8055-8064
15. KK Abdel Hady, **RA Abdel Salam**, GM. Hadad, E A. Abdel Hameed, Simultaneous HPLC determination of vildagliptin, ampicillin, sulbactam and metronidazole in pharmaceutical dosage forms and human urine, *Journal of the Iranian Chemical Society*, 2021, 18 (3), 729-738.
16. S Amer, WZarad, H El-Gendy, **RA Abdel-Salam**, GMHadad, SEmara, T Masujima, Dilute-and-shoot-based direct nano-electrospray ionization tandem mass spectrometry as screening methodology for multivitamins in dietary supplement and human urine, 2020, *Journal of advanced research* 26, 1-13.
17. RM Soliman, **RA Abdel Salam**, B G Eid, A Khayyat, T Neamatallah, MK Mesbah, GM Hadad, Stability study of thymoquinone, carvacrol and thymol using HPLC-UV and LC-ESI-MS, *Acta Pharmaceutica*, 2020, 70(3), 325-342.
18. SM Amer, W Zarad, H El Gendy, **RAbdel Salam**, GM Hadad, S Emara, T Masujim, A: Recent advances in ambient electrospray ionization technologies, *Records of Pharmaceutical and Biomedical Sciences* 4 (2), 24-31

19. HI Mokhtar, **RA Abdel Salam**, G Hadad, A: Role of superparamagnetic nanoparticles in magnetic dispersive micro-solid phase extraction, *Records of Pharmaceutical and Biomedical Sciences* 4 (2), 13-23.
20. MH El Demeiry, AAli, Y Abouleila, Y Shimizu, T Masujima, **RA Abdel Salam**, GMHadad, S Emara, Quantification and targeted detection of ciprofloxacin in dosage form and human urine by direct injection nano-electrospray ionization multi-stage mass spectrometry, *Microchemical Journal*, 2020, 153, 104534
21. MM Elkhoudary, BM Selim, **RA AbdelSalam**, GM Hadad, A El-Gindy, Development and validation of a simple HPTLC method for the determination of new hepatitis C subtype 4 antiviral agents in their tablet dosage form, *JPC–Journal of Planar Chromatography–Modern TLC*, 2020, 1-7
22. S Amer, W Zarad, H El-Gendy, **RA Abdel-Salam**, GMHadad, T Masujima, S Emara, Direct nano-electrospray ionization tandem mass spectrometry for the quantification and identification of metronidazole in its dosage form and human urine, *Royal Society Open Science*, 2019, 6 (11), 191336.
23. KA. Marghany, **RA Abdelsalam**, GMHaddad, HPLC method transfer study for simultaneous determination of seven angiotensin II receptor blockers, *Journal of Separation Science*, 2020, 43 (8), 1398-1405.
24. MA Abdel Shakour, **RA Abdel Salam**, GM Hadad, Diao T A Youssef, Analysis And Pollution Assessment of Some Trace Heavy Metals in Freshwater, Drinking Water, Fish, and Sediments Samples in Suez Canal Region, Egypt by Flame Atomic Absorption Spectrometer, *Records of Pharmaceutical and Biomedical Sciences.*, 2019, 3 (2), 60-68.
25. MA Abdel Shakour, **RA Abdel Salam**, GM Hadad , Diao T A Youssef, Assessment of Physicochemical parameters of Freshwater and Tap Water in Suez Canal Region, Egypt, *Records of Pharmaceutical and Biomedical Sciences.*, 2019 3 (2), 69-80.
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