Curriculum Vitae

Prof. Dr. SAMEER ABDULAZIZ MOHAMMED ABDULRAHMAN, M.Sc., Ph.D

Professor of Analytical Chemistry, Department of Chemistry,

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Personal Information

Name	:	Sameer Abdulaziz Mohammed Abdulrahman
Nationality	:	Yemeni
National Number	:	17010119924
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Number of Children:		Five
Date of Birth	:	05 June 1978
Place of Birth	:	Taiz, Yemen
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Google Scholar	:	https://scholar.google.com/citations?user=ychLLqYAAAAJ&hl=en
Research Gate	:	https://www.researchgate.net/profile/Sameer-A-M-Abdulrahman

Academic Qualifications

1. **Ph. D. in Analytical Chemistry (Drug Analysis)**, April 2012, Department of Chemistry, University of Mysore, Manasagangotri, Mysore, Karnataka, India. **Name of Guide:** Prof. K. Basavaiah. **Title of the Thesis:** "Analytical Studies on Some Drugs Related to Central Nervous System".
2. **M. Sc. (Master of Science in Chemistry); Distinction, 71.8%,** July 2008, Department of Chemistry, University of Mysore, Manasagangotri, Mysore, Karnataka, India.
3. **B. Sc. (Bachelor of Science in Chemistry-Biology); Excellent (with Honour), 90.30%,** July 2001, Department of Chemistry, Faculty of Science, Taiz University, Taiz, Yemen.
4. **Secondary School; Very Good; 86.88%,** 1995/1996, 22 May School, Hadnan, Taiz, Yemen.

Positions Held

1. **Professor of Analytical Chemistry**, Department of Chemistry, Faculty of Education and Sciences- Rada'a, Albaydha University, Albaydha, Yemen. From July 27, 2024 till now.
2. **Associate Professor of Analytical Chemistry**, Department of Chemistry, Faculty of Education and Sciences- Rada'a, Albaydha University, Albaydha, Yemen. From January 20, 2018 until July 26, 2024.
3. **Head of the Department of Chemistry**, Faculty of Education and Sciences- Rada'a, Albaydha University, Albaydha, Yemen. From November 2015 to March 2019.
4. **Assistant Professor of Analytical Chemistry**, Department of Chemistry, Faculty of Education and Sciences- Rada'a, Albaydha University, Albaydha, Yemen. From June 2012 until January 19, 2018.
5. **Demonstrator**, Department of Chemistry, Faculty of Education and Sciences- Rada'a, Thamar University, Thamar, Yemen, 2003-2005.

Teaching Experiences

1- Teaching of the courses: (General Chemistry 1, General Chemistry 2, Analytical Chemistry 1, Analytical Chemistry 2 and Instrumental Analysis) at the Department of Pharmacy, Faculty of Medical Sciences, Al-Nasser University, Sana'a, Yemen, October 2017 till now.

2- Teaching of the courses: (Pharmaceutical Analytical Chemistry 1, Pharmaceutical Analytical Chemistry 2 and Instrumental Analysis) at the Department of Pharmacy, Faculty of Medical Sciences, Al-Hikma University, Thamar, Yemen, November 2012 till now.

3- Teaching of the courses: (Analytical Chemistry, Pharmaceutical Analytical Chemistry 1, Pharmaceutical Analytical Chemistry 2) at the Departments of Pharmacy & Labs, Faculty of Medical Sciences, Al-Saeeda University, Thamar, Yemen, September 2012 to April 2023.

4- Teaching of the course: (Advanced Pharmaceutical Analysis) in the Program of (Master of Pharmaceutical Sciences) at Faculty of Pharmacy, University of Science & Technology, Sana'a, Yemen, during the first semester 2015-2016, the summer semester 2017-2018 and second semester 2021-2022.

5- Teaching of the courses: (General Chemistry and Organic Chemistry) at the Faculty of dentistry, University of Science & Technology, Sana'a, Yemen, during the academic years 2017-2018 & 2018-2019.

6- Teaching of the courses: (Pharmaceutical Analysis and Modern Pharmaceutical Analytical Techniques) in the Programs of (Professional Master in Industrial Pharmacy and Professional Master in Pharmaceutical Analysis & Quality Assurance) at the Yemeni Council for Medical Specializations, Sana'a, during the academic years 2020-2021 & 2021-2022 & 2022-2023.

List of publications

1. **Sameer A. M. Abdulrahman**, Abdulrahman Z. Al-Fotaini, Jalal A. M. Qazzan. Quantitative spectrophotometric analysis of etoricoxib in pharmaceutical tablets employing a charge-transfer reaction. *Chemistry Africa* 2024, 7(10), 5215–5224. (Scopus indexed journal, ISI Journal, Impact factor = 2.2).
2. Saeed S. Albaseer, Hussein E. Al-Hazmi, Tonni Agustiono Kurniawan, Xianbao Xu, **Sameer A. M. Abdulrahman**, Peyman Ezzati, Sajjad Habibzadeh, Henner Hollert, Navid Rabiee, Eder C. Lima, Michael Badawi, Mohammad Reza Saeb. Microplastics in water resources: Global pollution circle, possible technological solutions, legislations, and future horizon. *Science of the Total Environment* 2024, 946, 173963. (Scopus indexed journal, ISI Journal, Impact factor = 8.0)
3. **Sameer A. M. Abdulrahman**, Abdullah R. Al-khawlani. Spectrophotometric quantification of amitriptyline hydrochloride in pharmaceutical tablets: method development and validation. *Journal of Umm Al-Qura University for Applied Sciences* 2024, 10(3), 518–529. (Scopus indexed journal).
4. Aisha Khan Khanzada, Hussein E. Al-Hazmi, Bogna Sniatala, Tomy Muringayil Joseph, Joanna Majtacz, **Sameer A. M. Abdulrahman**, Saeed S. Albaseer, Tonni Agustiono

Kurniawan, Zohreh Rahimi-Ahar, Sajjad Habibzadeh, Jacek Makinia. Hydrochar-nanoparticle integration for arsenic removal from wastewater: Challenges, possible solutions, and future horizon. *Environmental Research* 2023, 238, 117164. (Scopus indexed journal, ISI Journal, Impact factor = 7.7)

5. Sadeq A. A. Alkhadher, Hussein E. Al-Hazmi, Suhaimi Suratman, Mohamad P. Zakaria, Najat Masood, Bartosz Szelag, Sami M. Magam, Ebrahim H. H. Al-Qadami, Joanna Majtacz, Przemysław Kowal, Tonni A. Kurniawan, **Sameer A. M. Abdulrahman** and Saeed S. Albaseer. Assessment of sewage molecular markers: linear alkylbenzenes in sediments of an industrialized region in Peninsular Malaysia. *Water* 2023, 15(18), 3301. (Scopus indexed journal, ISI Journal, Impact factor = 3.0)
6. **Sameer A. M. Abdulrahman**, Jalal Ali Mohammed Qazzan. Sensitive spectrophotometric determination of triprolidine hydrochloride drug in the capsules via ion pair complex formation. *Quimica Nova* 2023, 46(9), 860-866. (Scopus indexed journal, ISI Journal)
7. **S. A. M. Abdulrahman**, Faisal K. Algethami, Nagib A. S. Qarah, Kanakapura Basavaiah, Ezzouhra El-Maaiden. Development of non-aqueous titrimetric and spectrophotometric methods for the determination of valganciclovir hydrochloride in bulk drug and tablets. *Ann. Pharm. Fr.* 2021, 79 (5), 489-499. (Scopus indexed journal, ISI journal, Impact factor = 1.1)
8. Nagib Abdullah Salem Qarah, Kanakapura Basavaiah, **Sameer Abdulaziz Mohammed Abdulrahman**, Application of redox reactions for the determination of valganciclovir hydrochloride in pharmaceuticals. *Braz. J. Pharm. Sci.* 2020, 56, e17784, 9 pages. (Scopus indexed journal, ISI Journal)
9. Nagib A. S. Qarah, **Sameer A. M. Abdulrahman**, Kanakapura Basavaiah, Faisal K. Algethami, Ezzouhra El-Maaiden. New applications for amoxicillin determination in pure form and pharmaceuticals based on iodate-iodide mixture: titrimetry and spectroscopy studies. *Quimica Nova* 2020, 43(1), 44-49. (Scopus indexed journal, ISI Journal)
10. **Sameer A. M. Abdulrahman**. Application of ion-pair complexation reaction for the spectrophotometric determination of clarithromycin in pharmaceutical formulations. *Thai J. Pharm. Sci.* 2017, 41(2), 61-68. (Scopus indexed journal)
11. Nagib A. S. Qarah, Kanakapura Basavaiah, **Sameer A. M. Abdulrahman**. Spectrophotometric determination of ethionamide in pharmaceuticals using folin-ciocalteu reagent and iron (III)-ferricyanide as chromogenic agents. *J. Taibah Univ. Sci.* 2017, 11(5), 718-728. (ISI Journal, Impact factor = 4.1)

12. Nagib Qarah, K. Basavaiah, **Sameer A. M. Abdulrahman**. Spectrophotometric assay of diethylcarbamazine citrate in pharmaceuticals and human urine via ion-pair reaction using methyl orange dye. *J. Pharma. Care Health Sys.* 2017, 4(4). doi:10.4172/2376-0419.1000182.
13. Kanakapura Basavaiah, Nagib A. S. Qarah, **Sameer A. M. Abdulrahman**. Application of Cerium (IV) as an Oxidimetric Agent for the Determination of Ethionamide in Pharmaceutical Formulations. *Journal of Pharmaceutics* vol. 2016, Article ID 5410573, 9 pages. doi:10.1155/2016/5410573.
14. **Sameer A. M. Abdulrahman,** O. Z. Devi, K. Basavaiah, K. B. Vinay. Use of of picric acid and iodine as electron acceptors for spectrophotometric determination of lansoprazole through a charge-transfer complexation reaction. *J. Taibah Univ. Sci.* 2016, 10(1), 80-91. (ISI Journal, Impact factor = 4.1)
15. O. Z. Devi, **Sameer A. M. Abdulrahman,** K. Basavaiah, K. B. Vinay. Use of perchloric acid for the development and validation of a non-aqueous titrimetric assay of lansoprazole in pharmaceutical capsules. *J. Chem. Pharm. Res.* 2015, 7(2), 685-691. (Scopus indexed journal)
16. K. Basavaiah, **Sameer A. M. Abdulrahman.** Utilization of bromination reactions for the determination of carbamazepine using bromate-bromide mixture as a green brominating agent. *Arabian J. Chem.* 2014, 7(3), 297–305. (Scopus indexed journal, ISI Journal, Impact factor = 5.2)
17. **Sameer A. M. Abdulrahman,** K. Basavaiah. Use of alizarin red S as a chromogenic agent for the colorimetric determination of dothiepin hydrochloride in pharmaceutical formulations. *J. Saudi Chem. Soc.* 2014, 18(2), 107-114. (Scopus indexed journal, ISI Journal, Impact factor = 5.8)
18. M. S. Raghu, K. Basavaiah, **Sameer A. M. Abdulrahman**, K. N. Prashanth, K. B. Vinay. Sensitive and selective spectrophotometric methods for the determination of pheniramine maleate in bulk drug and in its formulations using sodium hypochlorite. *J. Anal. Chem.* 2013, 68(11), 969-976. (Scopus indexed journal, ISI Journal, Impact factor = 1.1)
19. K. B. Vinay, H. D. Revenasiddappa, **Sameer A. M. Abdulrahman**. Sensitive spectrophotometric determination of tramadol hydrochloride in pharmaceuticals using folin-ciocalteu's reagent. *Turk. J. Pharm. Sci*. 2013, 10(1), 57-68. (Scopus indexed journal, ISI Journal, Impact factor = 2.0).

20. **Sameer A. M. Abdulrahman,** K. Basavaiah. Spectrophotometric determination of dothiepin hydrochloride in pharmaceuticals through ion-pair complexation reaction. *Chem. Ind. Chem. Eng. Q.* 2012, 18(2), 339-347. (Scopus indexed journal, ISI Journal)
21. **Sameer A. M. Abdulrahman,** K. Basavaiah. Highly sensitive spectrophotometric method for the determination of gabapentin in capsules using sodium hypochlorite. *Turk. J. Pharm. Sci.* 2012, 9(2), 113-126. (Scopus indexed journal, ISI Journal, Impact factor = 2.0)
22. K. Basavaiah, **Sameer A. M. Abdulrahman.** Application of ion-pair complexation reaction for the spectrophotometric determination of bupropion hydrochloride in pharmaceuticals. *Drug Test. Anal.* 2012, 4(6), 486-492. (Scopus indexed journal, ISI Journal, Impact factor = 2.7)
23. **Sameer A. M. Abdulrahman,** K. Basavaiah, M. X. Cijo, K. B. Vinay. Validation of UV spectrophotometric methods for the determination of dothiepin hydrochloride in pharmaceutical dosage form and stress degradation studies. *J. Applied Spectroscopy* 2012, 79(5), 780-787. (Scopus indexed journal, ISI Journal, Impact factor = 1.0)
24. K. N. Prashanth, K. Basavaiah, **Sameer A. M. Abdulrahman**, N. Rajendraprasad, K. B. Vinay. Application of bromate-bromide mixture as a green brominating agent for the spectrophotometric determination of atenolol in pharmaceuticals. *Chem. Ind. Chem. Eng. Q.* 2012, 18(1), 43-52. (Scopus indexed journal, ISI Journal)
25. K. B. Vinay, H. D. Revanasiddappa, M. S. Raghu, **Sameer A. M. Abdulrahman,** N. Rajendraprasad. Spectrophotometric determination of mycophenolate mofetil as its charge-transfer complexes with two π-acceptors. *J. Anal. Methods Chem.* 2012, Article ID 875942, 8 pages. (Scopus indexed journal, ISI Journal, Impact factor = 2.2)
26. M. S. Raghu, K. Basavaiah, P. J. Ramesh, **Sameer A. M. Abdulrahaman**, K. B. Vinay. Development and validation of a UV-spectrophotometric method for the determination of pheniramine maleate and its stability studies. *J. Applied Spectroscopy* 2012, 79(1), 131-138. (Scopus indexed journal, ISI Journal, Impact factor = 1.0)
27. **Sameer A. M. Abdulrahman,** K. Basavaiah. Sensitive and selective spectrophotometric assay of gabapentin in capsules using sodium 1, 2-naphthoquinone-4-sulfonate. *Drug Test. Anal.* 2011, 3(10), 748-754. (Scopus indexed journal, ISI Journal, Impact factor = 2.7)
28. **Sameer A. M. Abdulrahman,** K. Basavaiah. Application of ion-association titration for the assay of bupropion hydrochloride in pharmaceuticals. *Chem. Ind. Chem. Eng. Q.* 2011, 17(3), 299-306. (Scopus indexed journal, ISI Journal)

29. **Sameer A. M. Abdulrahman,** K. Basavaiah. Use of bromate-bromide mixture as a reagent for the determination of dothiepin hydrochloride in pharmaceuticals. *Thai J. Pharm. Sci.* 2011, 35(4), 147-158. (Scopus indexed journal)
30. **Sameer A. M. Abdulrahman,** K. Basavaiah. Sensitive and selective spectrophotometric determination of gabapentin in capsules using two nitrophenols as chromogenic agents. *Int. J. Anal. Chem.* 2011, Article ID 619310, 9 pages. (Scopus indexed journal, ISI Journal, Impact factor = 1.7)
31. **Sameer A. M. Abdulrahman,** K. Basavaiah. Non-aqueous titrimetric assay of gabapentin in capsules using perchloric acid as titrant. *Chem. Ind. Chem. Eng. Q.* 2011, 17(2), 173-178. (Scopus indexed journal, ISI Journal)
32. **Sameer A. M. Abdulrahman,** K. Basavaiah, H. D. Revanasiddappa, K. B. Vinay. Oxidimetric determination of carbamazepine in tablets and syrup using cerium(IV) sulphate. *Proc. Indian Natn. Sci. Acad.* 2011, 77(3), 233-240. (Scopus indexed journal, ISI Journal, Impact factor = 2.1)
33. K. Basavaiah, **Sameer A. M. Abdulrahman**. Utility of N-bromosuccinimide as an environmental-friendly reagent for sensitive determination of olanzapine in pharmaceuticals. *Jord. J. Pharm. Sci.* 2011, 4(3), 209-221. (Scopus indexed journal)
34. M. X. Cijo, K. Basavaiah, **Sameer A. M. Abdulrahman**, K. B. Vinay. Spectrophotometric determination of repaglinide in tablets based on charge-transfer complexation reaction with chloranilic acid and dichloro-dicyano benzoquinone. *Chem. Ind. Chem. Eng. Q.* 2011, 17(4), 469-476. (Scopus indexed journal, ISI Journal)
35. **M. A. Sameer Abdulaziz,** K. Basavaiah, K. B. Vinay. Titrimetric and spectrophotometric assay of bupropion hydrochloride in pharmaceuticals using mercury(II) nitrate. *Ecl. Quím.* 2010, 35(3), 9-16. (Scopus indexed journal)
36. **M. A. Sameer Abdulaziz**, K. Basavaiah, K. B. Vinay. Selective semi-micro and micro determination of olanzapine in pharmaceuticals using periodate. *Proc. Nat. Acad. Sci. India, Sect. A*, 2010, 80(I), 13-22. (Scopus indexed journal, ISI Journal, Impact factor = 1.2)
37. **Sameer A. M. Abdulrahman,** K. Basavaiah, H. D. Revanasiddappa, K. B. Vinay. Use of eco-friendly brominating agent for the spectrophotometric determination of carbamazepine in pharmaceutical formulations. *Malay. J. Pharm. Sci.* 2010, 8(2), 11-24.
38. K. Basavaiah, **Sameer A. M. Abdulrahman.** Use of charge transfer complexation reaction for the spectrophotometric determination of bupropion in pharmaceuticals and spiked human urine. *Thai. J. Pharm. Sci.* 2010, 34(4), 134-145. (Scopus indexed journal)

39. K. Basavaiah, **Sameer A. M. Abdulrahman**. Sensitive and selective methods for the determination of olanzapine in pharmaceuticals using N-bromosuccinimide and two dyes. *Int. J. ChemTech Res.* 2010, 2(1), 660-668. (Scopus indexed journal)
40. K. Basavaiah, **Sameer A. M. Abdulrahman**, K. B. Vinay. New extractive spectrophotometric methods for the determination of olanzapine in pharmaceutical formulations using bromocresol green. *Jord. J. Chem.* 2010, 5(1), 101-117. (ISI Journal, Impact factor = 0.4)
41. K. Basavaiah**, Sameer A. M. Abdulrahman**, K. B. Vinay. Simple and sensitive spectrophotometric determination of olanzapine in pharmaceutical formulations using two sulphonphthalein acid dyes. *J. Food Drug Anal.* 2009, 17(6), 434-442. (Scopus indexed journal, ISI Journal, Impact factor = 3.0)

Reviewer for the Following Journals

1. Future Journal of Pharmaceutical Sciences
2. Pakistan Journal of Analytical and Environmental Chemistry
3. SN Applied Sciences
4. Rafidain Journal of Science
5. Journal of Education and Science
6. Science Journal of Analytical Chemistry
7. Current Pharmaceutical Analysis
8. International journal of Environment, Nepal.
9. Talanta Open
10. Microchemical Journal
11. BMC Chemistry
12. Scientific Reports
13. Oriental Journal of Chemistry
14. Bulletin of the Chemical Society of Ethiopia

Membership

1. Member of the advisory board, Albaydha University Journal, Albaydha University, Albaydha, Yemen.

2. Member of the advisory board, Civilization University Journal of Applied and Humanitarian Researches, Civilization University, Sana'a, Yemen.
3. Member of the editorial board, Thamar University Journal of Natural and Applied Sciences (TUJNAS), Thamar University, Dhamar, Yemen.

Conference/Seminar/Workshop attended

1. The Second Scientific Conference of Albaydha University on "Activating the role of universities in community service" organized by Albaydha University, Albaydha, Yemen, during August 21-23, 2021, participated and presented a lecture.
2. Scientific Workshop on “Scientific research between reality and ambition” organized by Albaydha University, Albaydha, Yemen, on July 10, 2021. Presentation of a lecture entitled "Publishing Scientific Papers in Refereed Scientific Journals".
3. Member of the scientific committee of the First Scientific Conference of Albaydha University, organized by Albaydha University, Albaydha, Yemen, during August 15-17, 2020.
4. The 5th International Chemistry Conference on “Chemistry for Durable Globe & Society Welfare” organized by the Department of Chemistry, during April 26-29, 2014, the Saudi Chemical Society and College of Science, King Khalid University, Abha, Saudi Arabia. (Oral presentation)
5. National level Seminar on “Relevance of Chemistry in Chemical Biology” during March 21-22, 2011, organized by the St. Philomena’s College, Mysore, Karnataka, India. (Poster presentation)
6. International Symposium on “Challenges in Drug Discovery Programme – 2011 (ISCDDP-2011)” during February 16-17, 2011, organized by the Karnataka State Open University, Manasagangotri, Mysore, India. (Poster presentation)
7. International Conference on “Green Chemistry and Sustainable Environment (GCASE-2010)” during July 7-8, 2010, organized by the Department of Chemistry, Holy Cross College, Tiruchirappalli, Tamilnadu, India. (Poster presentation)
8. National Workshop on “Green Chemistry” during February 17-18, 2010, organized by the Department of Chemistry, Sant Gadge Baba Amravati University, Amravati, Maharastra, India. (Participated)

9. Two Day State Level Seminar on "Emerging Trends in Liquid Crystals and Coordination Compounds" during August 21-22, 2009, organized by the Departments of Chemistry and Physics, St. Philomena's College, Mysore, Karnataka, India. (Participated)
10. Two-Day National Conference on "The Emerging Areas in Chemistry (NACEAC-2009)" during July 31st & August 1st, 2009, organized by the Department of Studies in Chemistry, University of Mysore, Mysore, India. (Poster presentation)
11. Two day National Conference on "Chemistry and Molecular Nanotechnology for Industry and Society (NCMNIS-2009)" during January 16-17, 2009, organized by the Department of Industrial Chemistry, School of Chemical Sciences, Kuvempu University, Shimoga, Karnataka, India. (Poster presentation)

Spoken Languages

1) Arabic
2) English