

Scientific, Positional and Administrative C.V.

Name: Mohammed Abdullah Abounassif
Nationality: Saudi
Position: Professor of Pharmaceutical Analytical Chemistry

Qualifications:

1. Bachelor Degree in Pharmacy and Pharmaceutical Chemistry, College of Pharmacy, King Saud University. 1972–1973.
2. Master Degree in Pharmaceutical Sciences. University of Bath, UK. 1978.

Title of the Thesis:

“Spectrometric and Spectrophotometric Analysis of 1,4-Benzodiazepines.”

3. Ph.D. in Pharmaceutical Sciences, University of Bath, UK.

Title of the Thesis:

“High-Performance Liquid Chromatography (HPLC) of D-Penicillamine and Some Other Anti-Rheumatic Agents.”

Positions:

1. Professor of Pharmaceutical Analytical Chemistry, College of Pharmacy, King Saud University, since 1993.
2. Associate Professor of Pharmaceutical analytical Chemistry, College of Pharmacy, King Saud University. 1988–1993.
3. Assistant Professor of Pharmaceutical Analytical Chemistry, College of Pharmacy, King Saud University. 1983–1988.
4. A Ph.D. Student on a Grant by King Saud University. 1974–1983
5. A Demonstrator in Pharmaceutical Chemistry Department, College of Pharmacy, King Saud University. 1973–1974.

Administrative Work:

1. Member of College Committee for Annual Report. 1983–1984.
2. Member of Academic and Educational Affairs Committee in Pharmaceutical Chemistry Department. 1983–2000.
3. Member of Planning and Budget Committee in Pharmaceutical Chemistry Department. 1983–1984.
4. Member of the College Committee for regulating the exams. 1984–1984

5. Council trustee in the Pharmaceutical Chemistry Department. 1984–1985
6. Member of the College of Pharmacy Curriculum Committee. 1985–1986
7. Member of the Council for the Girls University Section (Medical Allied Sciences), King Saud University. 1986–1988.
8. Representative of College of Pharmacy at the Council of High Education Deanship. 1989-1993.
9. Head of the Curriculum Committee at the College of Pharmacy. 1989–1993
10. Supervisor of the Central Laboratory, Research Center, College of Pharmacy. 1989–1991.
11. Head of the College Committee for Annual Report. 1994–1995
12. Member of Committee for choosing demonstrators in the College of Pharmacy. 1996–1998.
13. Member of the Academic Council, King Saud University. 1998–2002.
14. Head of the Permanent Committee for designating academic staff at the academic council, King Saud University. 1992–2002.
15. Member of the Research Center Council, College of Pharmacy, King Saud University. 2000–2002
16. Head of the College Committee for Annual Report. 2000–2001
17. Member of the Permanent Committee to consider the matters of university employee. 1905–till now.

Supervision:

1. Co-supervisor for several Master degree students, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University.
2. Member of Committees for approving Master and Ph.D. degrees.

Society Membership:

Member of the Saudi Pharmaceutical Society.

Research Work:

Please refer to the attached list of publications.

PUBLICATIONS

1. M.A. Abounassif and T.M. Jefferies. The determination of D-penicillamine and its disulphide in plasma by reversed-phase ion-pair high performance liquid chromatography. *J. Pharm. Biom. Anal.*, Vol. 1, No. 1, pp. 66-72 (1983).
2. A.M. Wahbi, M. Abounassif and E. Gad-Kariem. Spectrophotometric determination of piperazine with chloranil. *Analyst (London)*, 109, 1513-1514 (1984).
3. A.M. Wahbi, M.E. Mohamed, M. Abounassif and E.A. Gad-Kariem. Spectrophotometric method of determination for cycloserine using chloranil. *Anal. Letters* 18(B 3), 261-267 (1985).
4. M.A. Abounassif. High Performance Liquid Chromatographic determination of pirenzepine dihydrochloride in its pharmaceutical formulation. *Anal. Letters*, 18(B 17), 2083-2089 (1985).
5. A.M. Wahbi, M.A. Abounassif, H.A. El-Obeid and E.A. Gad-Kariem. Spectrophotometric determination of pirenzepine dihydrochloride using α method. *Farmaco*, 40, 334-338 (1985).
6. A.M. Wahbi, M.A. Abounassif and E.A. Gad-Kariem. Colourimetric determination of piperazine with *p*-benzoquinone. *Talanta*, 33, 179-181 (1986).
7. A.M. Wahbi, M.A. Abounassif and H.M.G. Al-Khatani. Ratios of first derivative maxima and compensated derivative absorption curves. *Analyst*, 111, 777-780 (1986).
8. A.M. Wahbi, M.A. Abounassif, H.A. El-Obeid and A.M. Al-Julani. Determination of pirenzepine dihydrochloride in the presence of degradation products using first derivative spectrophotometry. *Arch. Pharm. Chem., Sci. Ed.* 14, 69-72 (1986).
9. K.E.H. El-Tahir, A.E. Ali, M.A. Abu Nasif, A.M. Ageel and E.A. Gadkarim. The influence of oral hypoglycaemic sulfonyl ureas on prostacyclin release by the rat thoracic aorta. *Arch. Inter. Pharmacody. Ther.* 283, 134-140 (1986).
10. A.M. Wahbi, M.A. Abounassif, and H.M.G. Al-Kahtani. Spectrophotometric determination of vitamin A in oily capsules using first derivative curves. *J. Pharm. Biom. Anal.*, 7(1), 39-43 (1989).
11. A.M. Wahbi, M.A. Abounassif and E.A. Gad-Kariem. Spectrophotometric and fluorimetric determination of nomifensine maleate. *Talanta*, 34, No. 2, 287-289 (1987).
12. A.M. Wahbi, M.A. Abounassif, E.A. Gad-Kariem and M.E. Ibrahim. Liquid Chromatographic determination of cinnamic and benzoic acids in benzoin preparations. *J. Assoc. Off. Anal. Chem.*, 70, No. 4, 689-691 (1987).

13. M.M.A. Hassan and M.A. Abounassif. Analytical profile of bromazepam in *Analytical Profiles of Drug Substances*. Editor, K. Florey, Academic Press, New York, Vol. 16, 1-51 (1987).
14. M.A. Abounassif, H.Y. Aboul-Enein and E.A. Gad-Kariem. High performance liquid chromatographic determination of clobazam and its pharmaceutical formulation. *J. Pharm. Biom. Anal.*, 5(4), 431-434 (1987).
15. A.M. Wahbi, M.A. Abounassif, E.A. Gad-Kariem and M.E. Ibrahim. Determination of aztreonam and L-arginine combination in parenteral formulations. *J. Assoc. Off. Anal. Chem.*, 71 (1), 31-33 (1988).
16. M.E. Mohamed, M.A. Abounassif, H.A. Kandil and H.Y. Aboul-Enein. Biamperometric and differential pulse polarographic methods for the assay of nomifensine maleate. *Anal. Letters*, 21(2), 241-251 (1988).
17. K.E.H. El-Tahir, E.A. Hamad, A.M. Ageel, M.A. Abounassif, and E.A. Gadkariem. Effects of sesame and cod liver oils on prostacyclin synthesis by the rat thoracic aorta. *Arch. Inter. Pharmacody. Ther.*, 292, 182-188 (1988).
18. M.E. Mohamed, M.A. Abounassif, H.A. Al-Khamees, H. Kandil, and H.Y. Aboul-Enein. Colorimetric determination of aztreonam and conductometric determination of L-arginine in injectable form. *J. Pharm. Belg.*, 43(6), 429-436 (1988).
19. M.A. Abounassif, M.E. Mohamed and H.Y. Aboul-Enein. Colorimetric methods for the assay of nomifensine maleate. *J. Pharm. Biom. Anal.*, 7(1), 23-28 (1989).
20. H.A. Al-Khamees, M.A. Abounassif, K.A. Al-Rashood, and M.E. Mohamed. Colorimetric and bromometric determination of pirbuterol hydrochloride. *Anal. Letters*, 21(7), 1189-1197 (1988).
21. M.E. Mohamed, E.M. Abdel-Moety, M.A. Abounassif, and H.A. Al-Khamees. Spectrophotometric determination of aztreonam (Azactam^(R)) in pharmaceutical formulations. *Anal. Letters*, 21(9), 1579-1587 (1988).
22. E.M. Abdel-Moety, M.E. Mohamed, M.A. Abounassif, and M. Al-Awady. Simultaneous quantitation of azintamide and papaverine hydrochloride in their binary mixtures and in drageés. *Scientia. Pharmaceutica*, 57, 39-44 (1989).
23. E.M. Abdel-Moety, M.A. Abounassif, M.E. Mohamed, and N. Khattab. Spectrophotometric determination of amoxicillin and clavulanic acid in pharmaceutical preparations. *Talanta*, 36, 683-685 (1989).
24. M.A. Abounassif and B. El-Shazly, D₁-differential potentiometric and ¹H-NMR spectroscopic determination of ketokonazole and its formulations. *Anal. Letters*, 22(10), 2233-2247 (1989).
25. M.A. Abounassif. pH-Induced difference, spectrophotometric assay of bromazepam. *J. Pharm. Belg.*, 44(5), 329-333 (1989).

26. M.A. Abounassif and E.A. Abdel-Moety. Spectrophotometric quantification of fenoterol hydrobromide in tablets and inhalations. *Acta Pharm. Jugosl.*, 39, 359-363 (1989).
27. M.A. Abounassif, A.M. Wahbi, and E.A. Gad-Kariem. High performance liquid chromatographic determination of khellin, phenobarbitone and dipyrone combinations in tablets. *Farmaco*, 45(4), 465-472 (1990).
28. E.M. Abdel-Moety, S.Z. El-Khateeb and M.A. Abounassif. Quantitative determination of azintamide in urine by spectrofluorimetry. *Scienta Pharmaceutica*, 58, 101-105 (1990).
29. M.A. Abounassif, E.M. Abdel-Moety and E.A. Gad-Kariem. HPLC-quantification of azintamide and papaverine hydrochloride simultanously in pharmaceutical preparations. *J. Liquid Chromatogr.*, 13, 2689-2698 (1990).
30. M.A. Abounassif, N.A. Mian and M.S. Mian. Analytical Profile of Cetazidime in *Analytical Profiles of Drug Substances*. Editor, K. Florey, Academic Press, New York, Vol. 19, 95-121 (1990).
31. K.E.M. ElTahir, E.A. Hamad, A.M. Ageel, M.A. Abounassif and E.A. Gad-Kariem. Influence of tea and coffee beverages on prostacyclin synthesis by the rat aorta. *Prostaglandins Leuk. Essential Fatty Acids*, 40, 63-66 (1990).
32. M.A. Abounassif, M.E. Hagga, E.M. Abdel-Moety and E.A. Gad-Kariem. Non-aqueous potentiometric determination of clavulanate-potentiated amoxicillin. *Ind. J. Pharm. Sci.*, in press.
33. M.A. Abounassif. D₁-differential potentiometric and ¹H-NMR spectrometric determinations of mexiletine hydrochloride and its pharmaceutical formulations. *Farmaco*, 46(3), 501-508 (1991).
34. M.E.M. Hagga, M.A. Abounassif and A.H. Dawoud. AC-polarographic quantitation of tolmetin sodium. *Pakistan J. Pharm. Sci.*, 4(1), 1-9 (1991).
35. M.A. Abounassif, M.E.M. Hagga, E.A. Gad-Kariem and M.A. Al-Awady. First derivative UV spectrophotometric determination of sulphametrole and trimethoprim mixture in tablets. *Acta Pharm Jugosl.*, in press.
36. M.A. Abounassif, E.A. Abdel-Moety, M.E. Mohammed and E.A. Gad-Kariem. Chromatographic determination of a amoxicillin and clavulanic acid in pharmaceutical preparations. *J. Pharm. Biom. Anal.*, 9(9), 731-735 (1991).
37. M.A. Abounassif, M.A. Mian and N.A. Mian. Analytical Profile of Mexiletine Hydrochloride in *Analytical Profiles of Drug Substances*. Editor, K. Florey, Academic Press, New York, Vol. 20,
38. M.A. Abounassif, E.M. Abdel-Moety and E.A. Gad-kariem. HPLC quantification of diethylamine salicylate and methyl nicotinate in ointments. *J. Liquid Chromatogr.*, 15(4), 625-636 (1992).
39. M.A. Abounassif, M.E.M. Hagga, E.A. Gad-Kariem and M.E. Al-Awadi. Simumtaneous quantitation of sulphametrole and trimethoprim mixture by

high-performance liquid chromatography and UV-spectrophotometry using least squares. *Acta Pharmaceutica Fennica*, 101 51-56 (1992).

40. E.M. Abdel-Moety, M.A. Abounassif, and N.A. Khattab. Catalyzed bromometry for quantification of phosphosterol in ampoules and tablets. *Anal. Letters*, 25(8), 1479-1489 (1992).
41. M.A. Abounassif, M.S. Mian, and N.A. Mian. Analytical profile of clonidine hydrochloride in *Analytical Profiles of Drug Substances and Excipients*, Editor, H.G. Brittain, Academic Press, New York, Vol. 21, 109-147 (1992).
42. E.M. Abdel-Moety, M.A. Abounassif, E.A. Jad-Kariem, and N.A. Khattab. Simultaneous determination of amoxicillin and dicloxacillin in capsules by potentiometric titrimetry and high-performance liquid chromatography. *Talanta*, 40(6), 811-817 (1993).
43. E.M. Abdel-Moety, M.A. Abounassif, E.A. Gad-Kariem, and N.A. Khattab. Quantification of amidin and amoidin in pharmaceutical preparations by high-performance liquid chromatography and derivative spectrophotometry. *Saudi Pharm. J.*, 1(1), 22-27 (1993).
44. M.A. Abounassif, M.S. Mian, and N.A. Mian. Analytical profile of salicylic acid in *Analytical Profiles of Drug Substances and Excipients*. Editor, H.G. Brittain, Academic Press, New York, Vol. 23, 421-470 (1994).
45. O.A. Al-Deeb, E.A. Abdel-Moety, M.A. Abounassif and S.R. Al-Zaben. Stability-indicating high performance liquid chromatographic method for the determination of norjloxacin in bulk form and tablets. *Boll. Chim. Farm.*, 134(9), 497-502 (1995).
46. H.A. Al-Khamees, M.A. Abounassif, E.A. Gad-Kariem and H.A. Kandil. Simultaneous determination of ampicilin and cloxacillin products, either in binary mixtures or in pharmaceutical formulations. *Saudi Pharm. J.*, 3(3), 104-108 (1995).
47. O.A. Al-Deeb, E.A. Abdel-Moety, M.A. Abounassif and S.R. Al-Zaben. Photochemical stability of norfloxacin in solutions, bulk form and tablets. *Boll. Chim. Farm.*, 135(6), 397-400 (1996).
48. M.E.A. Hagga, M.A. Abounassif, M.I. Al-Awady and E.A. Gad-Kariem. Kinetic study of the degradation of dicloxacillin in aqueous media. *Boll. Chim. Farm.*, 136(1), 12-16 (1997).
49. E.A. Gad Kariem, M.A. Abounassif. Determination of Pentoxyverine in Cough Preparations by High Performance Liquid Chromatography. *J. Liq. Chrom. & Rel. Technol.*, 20(18), 3049-3059 (1997).
50. E.A. Gad Kariem, M.A. Abounassif, M.E. Hagga and H.A. Al-Khamees. Photodegradation kinetic study and stability-indicating assay of danazol using high-performance liquid chromatography, UV spectrophotometry and thin-layer chromatography fractionation. *J. Pharm. Biomed. Anal.*, 23, 413-420 (2000).
51. E.A. Gad-Kariem and M.A. Abounassif. Colorimetric determination of propofol in bulk form, dosage form and biological fluids. *Anal. Letters*, 33(12), 2515-2531 (2000).

52. F. Belal, I.A. Al-Zaagi, M.A. Abounassif. Spectrophotometric determination of benazepril in tablets. *IL Farmaco*, 55, 425-432 (2000).
53. F. Belal, I.A. Al-Zaagi, E.A. Gadkariem, M.A. Abounassif. A stability-indicating LC method for the simultaneous determination of ramipril and hydrochlorothiazide in dosage forms. *J. Pharm. Biomed. Anal.*, 24, 335-342 (2001).
54. F. Belal, I.A. Al-Zaagi, and M.A. Abounassif. Voltammetric determination of benazepril and ramipril in dosage forms and biological fluids through nitrosation. *J. AOAC Int'l*, 84, No. 1 (2001).
55. E.A. Gadkariem, F. Belal, M.A. Abounassif, H.A. El-Obeid, K.E.E. Ibrahim. Photodegradation kinetic studies and stability indicating assay of diloxanide furoate in dosage forms using high-performance liquid chromatography. *J. Liq. Chromatogr. Rel. Tech.*, 25(19), 2947-2964 (2002).
56. E.A. Gadkariem, H.A. El-Obeid, M.A. Abounassif, S.M. Ahmed, K.E.E. Ibrahim. Effect of alkali and simulated gastric and intestinal fluids on danazol stability. *J. Pharm. Biomed. Anal.* 31(4), 743-751 (2003).
57. A.A. Al-Majed, F. Belal, M.A. Abounassif, N.Y. Khalil. Fluorimetric determination of gentamicin in dosage forms and biological fluids through derivatization with 4-chloro-7-nitrobenzo-2-oxa-1,3-diazole (NBD-Cl). *Mikrochimica Acta*, 141(1-2), 1-6 (2003).
58. E.A. Gadkariem, F. Belal, M.A. Abounassif, H.A. El-Obeid, K.E.E. Ibrahim. Stability studies on dioxanide furoate: effect of pH, temperature, gastric and intestinal fluids. *Farmaco*, 59(4), 323-329 (2004).
59. Abounassif, M.A.; El-Obeid, H.A., Gadkarim, E.A. Stability studies on some benzocycloheptane antihistaminic agents. *J. Pharmaceut. Biomed. Anal.* (2005), 36, 1011-1018.
60. Elrasheed Ahmed Gadkariem, Humedia Ali El-Obeid, Fathalla Belal, Mohammed Abdullah Abounassif and Kamal Eldin El-Tayeb Ibrahim. Chemical and photochemical stability studies on Diloxanide furoate in carbohydrates and polyols solutions. *J. Food Drug Analysis* (2004), 12, 299-35.
61. M.A. Abounassif, E.A. Gadkariem, H.A. El-Obeid, and K.E.E. Ibrahim. Chemical and Photochemical Stability Studies on Danazol in Carbohydrates and Polyols Solutions. Presented at the 40th IUPAC Congress. The Proceedings of the Conference, p. 767 (2005).