

RESUME

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Education Background

- Ph.D. - Pharmaceutical Analytical Chemistry, February 1983, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.
M.Sc. - Pharmaceutical Analytical Chemistry, December 1978, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.
B.Sc. - Pharmacy, June 1973, Very Good, Honor, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

Experience:

October 2014 to present : Professor of Analytical Chemistry, Faculty of Pharmacy, University

Aug.&sept.2014 : Visiting Prof.(as AvH scholar) Institute of Pharmaceutical Chemistry,Jena University,Jena, Germany.

January 2012 to July 2014 : Head of the department of pharmaceutical analytical Chemistry, Faculty of Pharmacy, Mansoura University .

Aug.&Sept 2012: Visiting Professor,(as AvH Scholar) Department of Chemistry,Marburg Marburg University, Marburg,Germany

July to Sept.2011: Visiting Professor (as AvH Scholar) at the department of chemistry, Marburg University, Marburg,Germany

August 2010 to July 2011: Professor of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Mansoura University.

April 2009 to July 2010 : Head of the same department.

July to Sept. 2008: Visiting Professor at the Institute of Pharmaceutical Chemistry, Wurzburg Wurzburg University, Wurzburg, Germany

Jan. 2005 to April 2009: Professor of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Mansoura University..

Sept. 1997 to Jan. 2005: Deputized Professor at the Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

Oct. 1996 to Aug. 1997: Vice Dean for Students Affairs, Faculty of Pharmacy, University of Mansoura.

Nov. 1995 to October 1996: Professor of Analytical Chemistry, Faculty of Pharmacy, University of Mansoura.

Nov. 1994 to Nov. 1995: Head of the same department..

Aug. 1994 to Nov. 1994: Professor at the same department..

Oct. 1992 to Aug. 1994: Deputized Professor of Pharm. Anal. Chem., Faculty of Pharmacy, Al-Arab Medical University, Benghazi, Libya.

- Apr. 1992 to Oct. 1992: Professor of Analytical Chemistry, Faculty of Pharmacy, University of Mansoura
- Jan. 1991 to April 1992: Associate Professor at the same department.
- Jan. 1989 to Jan. 1991: Alexander von Humboldt Scholar, conducting research in the field of voltammetry and its applications in pharmaceutical analysis, in the "Institut für Pharmazeutische Chemie, Johann - Wolfgang Goethe Universität at Frankfurt am Main, Germany.
- Sep. 1988 to Jan. 1989: Associate Professor, Faculty of Pharmacy, University of Mansoura.
- Jun. 1988 to Aug. 1988: Visiting Associate Professor, Faculty of Pharmacy, University of Shizuoka, Shizuoka, Japan, conducting research in the field of HPLC.
- Sep. 1987 to May 1988: Associate Professor, Faculty of Pharmacy, University of Mansoura.
- Jul. and Aug. 1987: Visiting Associate Professor at the School of Pharmaceutical Chemistry, University of Bradford, Bradford, England, conducting research in the field of HPLC.
- May and June 1987: Associate Professor, Faculty of Pharmacy, University of Mansoura.
- Feb. 1985 to May 1987: Assistant Professor at the same department.
- Jan. 1984 to Jan. 1985: Post-doctor, Department of Chemistry, University of Georgia, Athens, Georgia, USA, conducting research in the field of Flow Injection Analysis coupled with electrochemical detection.
- Feb. 1983 to Jan. 1984: Assistant Professor of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, University of Mansoura.
- Jan. 1974 to Feb. 1983: Graduate Teaching and Research Associate at the same department.

Teaching Experiences

I. Undergraduate courses

1. Qualitative Inorganic Analysis.
2. Quantitative Chemical Analysis.
3. Instrumental Analysis.
4. Physical Chemistry.
5. Applied analysis (analysis of water, oils and fats and pharmaceutical preparations).
6. Official Methods of Analysis.

II. Graduate courses (M.Sc., Ph.D. and Higher Diploma)

1. Advanced Instrumental Analysis including chromatography, spectroscopy, electrochemistry.
2. Pharmaceutical Physical Chemistry.
3. Separation Sciences.
4. Selected topics in pharmaceutical analysis.

Prizes, Honors and Awards

1. Agency of International Development (AID) Research Fellowship at the University of Georgia, Athens, GA, USA (Jan. 1984 to Feb. 1985).
2. British Council Research Fellowship at the University of Bradford, UK (July to Sept. 1987).
3. Shizuoka Prefecture Research Fellowship at the University of Shizuoka, Japan (June to Aug. 1988).
4. Alexander von Humboldt Research fellowship, at Goethe University, Frankfurt am Main, Germany (Jan. 1989–Jan 1991). And at Würzburg University (July to Sept. 2008) then at Marburg University (July to Sept. 2011)
5. The State Prize of Medical Sciences, The Academy of Scientific Research and Technology, Cairo, Egypt (1995).
6. Mansoura University Prize of Merit in Medical Sciences, June 2013. Mansoura, Egypt.
7. Misr El-Khair Foundation Prize for The MOST CITED PUBLICATIONS. 2013

Cairo, Egypt

Scientific Activities

I. Reviewing papers for the following journals:

1. Talanta.
2. Journal of Association of Official Analytical Chemistry.
3. Journal of Pharmaceutical and Biomedical Analysis.
4. Il Farmaco.
5. Journal of Chromatography .A and B
6. Journal of Chromatographic Sciences
7. Journal of Liquid chromatography and related Technologies
8. Chromatographia
9. Acta Chromatographica.
10. Analytica Chimica Acta
11. Analytical Letters.
12. Analytical Sciences
13. Mikrochimica Acta
14. Spectrochimica Acta
15. International Journal of Environmental Analytical Chemistry.

II. Member of the Promotion Committee of Professors and Associate Professors, Supreme Council of Universities, Egypt, since Sept.2004 to Feb.2013

- III. -Reviewing proposals of research projects for many organizations in different Countries.
- Manager of the unit of Analysis of Drugs and Pharmaceutical Preparations , Faculty of Pharmacy, University of Mansoura. March 2005 till present
- Manager of the Central Laboratory of the Faculty of Pharmacy, Mansoura University , 20096-2009

IV Projects:

1. Thermal Stabilization of Rice Bran, R&D project Programm #05071 Sponsored by the Authority of Industry Modernization center Cairo Cooperation with the Faculty of Agriculture, Mansoura University.
2. Analysis of the waters and sediments in Manzala Lake . Sponsored by the Japanese Environment Protection Agency.
3. Project number 8-843-D1432 , entitled Determination of Zopiclone in presence Of its degradation product using fluorometric technique. Sponsored by King Abdelaziz University, Kingdom of Saudi Arabia.
4. Project title: Simultaneous determination of Tazabactam and Piperacillin in Pharmaceutical preparations and biological fluids.Sponsor: King Abdelaziz University , Jedda, Kingdom of Saudi Arabia.
5. Project Title : preparation, production and evaluation of allergy vaccines.A joined Project between each of the Unit of Drug Analysis (Faculty of Pharmacy,University of Mansoura) and the Unit of Allergy and immunotherapy (department of Chest medicine, Faculty of Medicine, University of Mansoura) And the the Holding Company for Biological Products and Vaccines,Cairo Egypt .25.7.2013.

References

- 1-Professor M.I. Walsh,
Head, Department of Analytical Chemistry
Faculty of Pharmacy

- University of Mansoura
Mansoura 35516, Egypt.
- 2 -Professor Ute Pyell
Department of Chemistry,
Marburg University
Hans Meerwein StraBe
Marburg 35032, Germany
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- 3 –Prof. Gerhard Scriba
Institute of Pharmaceutical Chemistry,
University of Jena
Philosphenweg 14
07743 Jena
Germany
E-mail: Gerhard.scriba@uni-jena.de

Personal

Birth Date: July, 9th, 1950

Marital status :married,two sons and one daughter

LIST OF PUBLICATIONS

1. Evaluation of Certain Pharmaceuticals with Dibromodimethyl Hydantoin, Part I: Determination of Sulphonamides.
A. Abou-Ouf, M.I. Walsh, M. Rizk, and F. Belal.
Egypt J. Pharm. Sci. 18 (1977)101.
2. Evaluation of Certain Pharmaceuticals with Dibromodimethyl Hydantoin, Part II: Determination of Analgesics.
M.I. Walsh, M. Rizk, F. Belal, and A. Abou-Ouf.
Pharmazie, 34 (1979)234.
3. Evaluation of Certain Pharmaceuticals with Dibromodimethyl Hydantoin, Part III: Determination of Vitamins and Local Anesthetics.
A. Abou-Ouf, M.I. Walsh, M. Rizk and F. Belal.
J. Drug. Res. Egypt, 11 (1979)81.
4. Determination of Phenindione Using Organic Brominating Agents.
A. Abou-Ouf, M.I. Walsh, M. Rizk, and F. Belal.
Analyst, 104 (1979)566.
5. Evaluation of Certain Pharmaceuticals with Dibromodimethyl Hydantoin, Part V: Determination of Penicillins
M. Rizk, M.I Walsh, A. Abou-Ouf, and F. Belal.
Anal. Lett. 14 (1981)1407.
6. Titrimetric Determination of Some N-Substituted Phenothiazine derivatives.
M.I. Walsh, M. Rizk, A. Abou-Ouf, and F. Belal.
Analyst, 108 (1983)626.
7. Determination of Some Quinoline Derivatives with Organic Brominating Agents.
M.I. Walsh, M.Rizk, A Abou-Ouf and F. Belal.
Anal. Lett., 16 (1983)129.
8. Folin-Ciocalteu Reagent as a Novel Reagent for the Detection of Phenothiazine Drugs.
F. Belal.
Pharmazie, 38(1983)788.
9. Spectrophotometric Determination of Amoxicillin in Dosage Forms.
F. Belal.
Anal. Lett., 16 (1983)1555.

10. Use of 2,6-Dichloroquinone Chlorimide for the Spectrophotometric Determination of Halogenated Derivatives of 8-Hydroxyquinoline.
F. Belal.
Analyst, 109 (1984)615.
11. Polarographic Behavior and Determination of Penicillins after Bromometric Oxidation.
M. Rizk, M.I. Walash, A Abou-Ouf and F. Belal.
Pharm. Weekblad. Sci. Ed. 6 (1984)114.
12. Spectrophotometric Determination of Halogenated 8-Hydroxyquinoline Derivatives.
F. Belal.
Talanta, 31 (1984)648.
13. Utility of Dihaloquinone Chlorimides for the Determination of Phenazopyridine.
F. Belal and M. Metwally.
Anal. Lett. 17 (1984)1637.
14. Flow-Injection Analysis of Three N-Substituted Phenothiazine Drugs with Amperometric Detection at a Carbon-Fiber. Array Electrode.
F. Belal and J.L. Anderson.
Analyst, 110 (1985)1493.
15. Amperometric Determination of Phenazopyridine Hydrochloride in a Flowing Stream at the Glassy Carbon Electrode.
F. Belal.
J. Assoc. Off. Anal. Chem. 68 (1985)1207.
16. Flow-Injection Analysis of Warfarin Sodium with Amperometric Detection.
F. Belal and J.L. Anderson.
Mikrochim. Acta. 11 (1985)145.
17. Spectrophotometric Determination of Benzothiadiazines in Dosage Forms.
F. Belal, M. Rizk, F. Ibrahiem and M. Sharaf El-Din
Talanta, 33 (1986)170.
18. Simultaneous Spectrophotometric Determination of Strychnine and Yohimbine in Pharmaceutical Preparations.
O.Salama and F. Belal.
Analyst, 111 (1986)581.
19. Flow Injection Determination of Ergonovine Maleate with Amperometric Detection at the Kel-F-Graphite Composite Electrode.
F. Belal and J.L. Anderson.
Talanta, 33(1986)448.
20. Tetracyanoethylene in Pharmaceutical Analysis. Part I: A Spectrophotometric Determination of some Pharmaceutically Important Hydrazine and Pyrazolone Derivatives.
F. Ibraheim; M. Rizk and F. Belal.
Analyst 111 (1986)1285.
21. Spectrophotometric Determination of Pyrithioxine in Dosage. Forms.
F. Belal, M. Sharaf El-Din and S.M. Hassan.
Anal. Lett., 19 (1986)1533
22. Spectrophotometric Determination of the Major Metabolite of Phenytoin, 5-(p-Hydroxyphenyl)-5-Phenylhydantoin, in Human Urine.
M.A.A. Mustafa, F. Belal and A.A. El-Emam.
*J. Pharm. Belg.*42 (1987)53.
23. Spectrophotometric Determination of Some Pharmaceutically - Important Thione Compounds.
M. Sharaf El-Din; F. Belal and S.M. Hassan.
*Zentrbl. Pharm.*127 (1988)133.
24. Simultaneous High Performance Liquid Chromatographic Determination of Phenazopyridine and Nitrofurantoin in Tablets.
F. Belal.
Chromatographia, 25 (1988)61.
25. Evaluation of Certain Pharmaceuticals with Hexaminecobalt(III)- tricarbonatocobal-

- tate(III). Part I: Determination of Some N-Substituted Phenothiazine Derivatives.
M.I. Walash, F. Belal and F.A. Aly.
Talanta, 35 (1988)320.
26. Evaluation of Certain Pharmaceuticals with Hexaminecobalt (III) Tricarbonatocobaltate(III). Part II: Potentiometric Determination of Some Antimony (III) Compounds.
M.I. Walash, F. Belal and F.A. Aly.
Analyst 113 (1988)955.
27. Bromometric Determination of Benzothiadiazine Diuretics in Dosage Forms.
F. Belal, F. Ibrahim and A. El-Brashy.
Analyst, 113(1988)637.
28. Titrimetric Determination of Acetylenic Hypnotics Using Organic Brominating Agents.
A. El-Brashy, F. Belal, M.I. Walash and M. Rizk.
Pharm. Weekbld. Sci. Ed., 10 (1988)90.
29. Spectrophotometric Determination of Some Pharmaceutically Important Nitro Compounds in Their Dosage Forms.
S.M. Hassan, F. Belal, M. Sharaf El-Din and M. Sultan.
Analyst 113 (1988)1087.
30. Simultaneous Spectrophotometric Determination of Phenazopyridine and Nitrofurantoin in Tablets.
S.M. Hassan, F. Belal, M. Sharaf El-Din and M. Sultan.
Anal. Lett.21 (1988)1199.
31. Simultaneous Spectrophotometric Determination of Furazolidone and Berberine in Tablet Form.
S.M. Hassan, F. Belal and M. Sultan.
Talanta, 35 (1988)977.
32. Application of Difference Spectroscopy to the Determination of Some Pharmaceutically-Important Nitro Compounds.
S.M. Hassan; M. Sharaf El-Din; F. Belal and M. Sultan.
J. Pharm. Pharmacol., 40 (1988)798.
33. Direct Current Polarographic Determination of Chlorprothixene and Thiothixene after Bromination.
M.I. Walash, Rizk M, F. Belal & A. El-Brashy.
Microchem. J., 38 (1988)300.
34. Hexaminecobalt (III) Tricarbonatocobaltate as a Redox Titrant for the Determination of Some Thioxanthene Derivatives.
F. Belal, M.I. Walash and F.A. Aly.
Microchem. J., 38 (1988)295.
35. Fluorometric Determination of Reserpine in Dosage Forms.
M.I. Walash, F. Belal, and F.A. Aly.
Talanta, 35 (1988)731.
36. Spectrophotometric Determination of Some Pharmaceutically Important Aminoquinoline Antimalarials.
F. Ibrahim, A. El-Brashy and F. Belal.
Mikrochim. Acta., I, (1989)321.
37. Fluorometric Determination of Some Aminoquinoline Antimalarials Using Eosin.
F.A. Ibrahim, F. Belal and A. El-Brashy.
Microchem. J. 39 (1989)65.
38. Fluorometric Determination of Some Thioxanthene Derivatives in Dosage Forms.
S.M. Hassan, F. Belal, F. Ibrahim and F.A. Aly.
Talanta, 36 (1989)557.
39. Ion-Pairing High Performance Liquid Chromatographic Determination of Pyridoxine and Pyrithioxine in Dosage Forms
F. Belal.
Anal. Lett. 22 (1989)1897.
40. Fluorometric Determination of Some α -Amino Penicillins.

- F. Belal, A. El-Brashy and F. Ibrahim.
Microchem. J. 39 (1989)106.
41. Colorimetric Determination of Some N-Substituted Phenothiazine Derivatives Using 2-Iodoxybenzoate.
S.M. Hassan, F. Belal, F. Ibrahim and F.A. Aly.
Anal. Lett. 22 (1989)1485.
42. High Performance Liquid Chromatographic Determination of Yohimbine and Strychnine in Dosage Forms.
F. Belal, M. Sano and I. Tomita.
Chem. Pharm. Bull (Japan) 37 (1989)1622.
43. Bromometric Determination of Some Pharmaceutically-Important Antimony(III) Compounds.
F. Belal, F. Ibrahim and A. El-Brashy.
Microchem. J. 41(1990)340.
44. Spectrophotometric Determination of Some Psychotropic Drugs in Two-Component Mixtures.
F. Belal, F. Ibrahim, S.M. Hassan and F.A. Aly.
Microchem. J. 41 (1990)305.
45. Titrimetric Determination of Some Penicillins Using 2- Iodoxybenzoate.
F. Belal, A. El-Brashy and F. Ibrahim.
J. Assoc. Off. Anal. Chem. 73 (1990)896.
46. Polarographic Behavior and Determination of Flumequine.
F. Belal and M. Sharaf El-Din.
Microchem. J., 42(1990)300.
47. Spectrophotometric Determination of Some MAO Inhibitors Using 7,7,8,8-Tetracyanoquinodimethane and Iodine Monochloride.
F. Ibrahim, F. Belal, S.M. Hassan and F.A. Aly.
J. Pharm. Biomed. Anal. 9 (1991)101.
48. Polarographic Behavior and Determination of Glafenine.
F. Belal.
Microchem. J., 43, 149 (1991).
49. Anodic Polarographic Behavior and Determination of Pyrithioxine.
F. Belal.
Acta Pharm. Jugosl. 41(1991)129.
50. Anodic Polarographic Determination of the Acetylenic Hypnotics Ethinamate and Methylpentynol Carbamate in Dosage Forms.
F. Belal.
J. Assoc. Off. Anal. Chem., 74 (1991)592.
51. N,N-Dibromodiethylbarbituric Acid as an Analytical Reagent. Part I. Determination of Some Pharmaceutically-Important Hydrazine Derivatives.
F. Belal, F. Ibrahim, M. Sharaf El-Din and M.F. El-Taras.
Analyst, 116 (1991)1085.
52. Spectrofluorimetric Determination of Some Pharmaceutically - Important Thioxanthene Derivatives.
F. Belal, F. Ibrahim, S.M. Hassan and F.A. Aly.
Anal. Chim. Acta, 255 (1991)103.
53. Polarographic and Spectrophotometric Determination of Isocarboxazid and Tranylcypromine Sulphate Through Treatment with Nitrous Acid.
Fathalla Belal, Fawzia A. Ibrahim, Sayed M. Hassan and F.A. Aly.
Mikrochim. Acta, III, (1991)61.
54. Analytical Application of Dibromodiethylbarbituric Acid for the Determination of Some Pharmaceutically Important Antimony (III) Compounds.
F. Belal, F. Ibrahim, M. Sharaf El-Din and M.F. El-Taras.
Microchem. J. 44 (1991)296.
55. Polarographic Determination of N-Acetyl-L-Cysteine in Pharmaceutical Preparations.

- F. Belal, M. Metwally and M.A. Mustafa.
J. Pharm. Belg. 46 (1991)320.
56. Analytical Profile of Iproniazid Phosphate. Monograph in "Analytical Profile of Drug Substances". Editor: H.G. Britain. Academic Press, N.Y. Vol. 20 (1991)337.
F. Belal and H.A. Abdel-Alim.
57. The Polarographic Behavior of Cinolazepam [1-(2-Cyanoethyl)-7-chloro-3-hydroxy-5-(2-fluorophenyl)-1,3-dihydro-2H-1-4-Benzodia-zep-ine-2-one] and Assay of its Tablets.
H. Oelschlager, J. Volke and F. Belal.
Arch. Pharm. 325 (1992)65.
58. Primaquine Phosphate as a Promising Substitute for N-(1-Naphthyl) ethylenediamine. I-Determination of Nitrite in Natural Waters in Egypt.
M. Metwally and F. Belal.
Anal. Sci. 8(1992)71.
59. Simultaneous Polarographic Determination of Ascorbic Acid and Dipyrone in Pharmaceutical Preparations.
F. Belal.
Electroanal., 4 (1992)589.
60. Polarographic Behavior and Determination of Spironolactone.
F. Belal.
Mikrochim. Acta, 107 (1992)11.
61. Ringverengung von 1,4-Benzodiazepinen zu 3,4-Dihydrochinazolinen bei Preparativer Electrolyse (Beispiel 5: Cyprazepam)
H. Oelschlager, D. Martinssen and F. Belal.
Arch. Pharm. 325 (1992)503.
62. Polarographic Behavior and Determination of Azintamide.
F. Belal.
Mikrochim. Acta, 108 (1992)329.
63. Application of High Performance Liquid Chromatography to the kinetic study of a-Methyldopa.
M. Metwally and F. Belal.
J. Chromatogr. 623 (1992)75.
64. Determination of 1,4-Benzodiazepines in Drug Dosage Forms by Difference Spectrophotometry.
A. El-Brashy, F.A. Aly and F. Belal.
Mikrochim. Acta, 110 (1993)55.
65. 2-Iodoxybenzoate as a Titrant for the Determination of Some Pharmaceutically-Important Thiol Compounds.
M.S. Rizk, F. Belal and M.M. Eid.
Acta. Pharm. Hung. 63 (1993)13.
66. Spectrophotometric Determination of Rifampin in the Presence of its Degradation Products in Pharmaceutical Preparations.
M.I. Walsh, F. Belal, M.E. Metwally and M.M. Hefnawy,
Anal. Lett. 26(1993)1905.
67. Polarographic Determination of Metyrosin Through Treatment with Nitrous Acid.
F.A. Aly, F. Belal and A. El-Brashy
Pharm. World and Sci. 15 (1993)208.
68. Spectrophotometric Determination of Manib and Zineb and their Degradation Products in Some Vegetables and its Application to Kinetic Studies after Greenhouse Treatment.
M.I. Walsh, F. Belal, M. Metwally and M. Hefnawy.
Food Chemistry, 47 (1993)411.
69. Conductometric Determination of Some Pharmaceutically-Important Thiol Compounds in Dosage Forms.
M.S. Rizk, F. Belal and M.M. Eid.
Acta. Pharm. Hung. 63 (1993)313.
70. The Polarographic Behavior of the Antitumour Agent Tauromustine and Assay of its Tab-

- lets.
F. Belal.
Electroanal. 5 (1993)605.
71. Fluorometric Determination of Tauromustine [A Novel Antitumour Agent] in Formulations and Biological Fluids.
A.I. Walsh, F. Belal, M.E. Metwally and M.M. Hefnawy.
J. Pharm. Biomed. Anal. 11 (1993)777.
 72. Conductometric Determination of Some Nonsteroidal Anti-inflammatory Drugs in Dosage Forms.
F.A. Aly and F. Belal.
Pharmazie, 49 (1994)454.
 73. Spectrofluorimetric Determination of Reserpine in Pharmaceutical Preparations and Biological fluids.
F.A. Aly, A. El-Barshy and F. Belal.
Anal. Chim. Acta, 291 (1994)141.
 74. Polarographic Behavior and Determination of Beclomethasone Dipropionate.
M.I. Walsh, F. Belal, M. Metwally and M. Hefnawy.
Mikrochim. Acta, 112 (1994)217.
 75. Colorimetric Determination of Prenalterol Hydrochloride in Dosage Forms.
F.A. Aly, F. Belal and M.I. Walsh.
J. Pharm. Biomed. Anal. 12 (1994)955.
 76. Conductometric Determination of Some Acetylenic Hypnotics in Dosage Forms.
F.A. Aly, A. El-Brashy and F. Belal.
Pharmazie, 49 (1994)699.
 77. Application of High-Performance Liquid Chromatography in the Determination of Tauromustine in Presence of its Metabolites and Degradation Products.
M.I. Walsh, F. Belal, M. Metwally and M. Hefnawy.
J. Liquid Chromatogr. 17 (1994)1579.
 78. A Selective Fluorometric Method for the Determination of 1,4-Benzodiazepins Containing Hydroxyl Group at C # 3.
M.I. Walsh, F. Belal, M. Metwally and M. Hefnawy.
J. Pharm. Biomed. Anal. 12 (1994)1417.
 79. Spectrophotometric Determination of Cefadroxil and Metyrosin in Dosage Forms.
F.A. Aly, M.I. Walsh and F. Belal.
Anal. Lett., 27 (1994)2677.
 80. Polarographic Behavior and Determination of Oxamniquine.
F. Belal and F.A. Aly.
Electroanal. 7 (1995)483.
 81. Polarographic Determination of Prenalterol Hydrochloride Through Treatment with Nitrous Acid.
F.A. Aly, F. Belal and M.I. Walsh.
J. Pharm. Biomed. Anal. 13 (1995)1127.
 82. A Rapid Spectrofluorimetric Method for the Determination of Metyrosine in Formulations and Dosage Forms.
M.H. Hefnawy, F.A. Aly and F. Belal.
Anal. Lett., 28 (1995)1811.
 83. A Selective Spectrofluorimetric Method for the Determination of α -Amino cephalosporins in Formulations and Biological Fluids.
M.M. Hefnawy, F.A. Aly and F. Belal.
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F. Belal, M.I. Walsh, F.A. Aly and A.O. Musbah.
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85. Fluorometric Determination of Nalidixic Acid in Formulations and Biological Fluids Through Ternary Complex Formation.
M.Rizk, F. Belal, F.A. Aly and N.M. El-Enany.
Anal. Lett.,30 (1997)1897.
86. A Review:
Methods of Analysis of Pharmaceutically Important Thioxanthene Derivatives.
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J. Pharm. Biomed. Anal. 16 (1997)369.
87. Analytical Profile of Tranylcypramine Sulphate, a Monograph in "Analytical Profile of Drug Substances and Excipients", Editor H.G. Brittain, Academic Press, N.Y. Vol. 25, 501 (1998).
H. Abdel-Aleem, A.B. El-Eshrawy, F. Belal, A. El-Emam and H.G. Brittain.
88. Differential Pulse Polarographic Determination of Ofloxacin in Pharmaceuticals and Biological Fluids.
M. Rizk, F. Belal, F.A. Aly and N. El-Enany.
Talanta 46 (1998)83.
89. Reaction of Electrogenated Oxamniquine Radical Anion with Glutathione.
A. Radi and F. Belal.
Electroanal. Chem. 44 (1998)39.
90. Polarographic Determination of Some Penicillins Through Treatment with Nitrous Acid.
F. Belal, M.S. Rizk and M. Eid.
J. Pharm. Biomed. Anal. 17 (1998)275.
91. Determination of Ethylenediamine tetra acetic acid EDTA in Certain Pharmaceutical Preparations Using Flame Atomic Absorption Spectroscopy.
F. Belal, M.I. Walash, F.A. Aly, I. Kenawy and A.M. Osman.
IL Farmaco, 53 (1998)365.
92. Polarographic Determination of EDTA in Certain Pharmaceutical Preparations.
F. Belal, F.A. Aly, M.I. Walash and A.M. Osman.
J. Pharm. Biomed. Anal. 17 (1998)1249.
93. Fluorometric Determination of Oxamniquine in Biological Fluids.
M. Rizk, F. Belal, F. Ibrahim, S.M. Ahmed and N.M. El-Enany.
IL Farmaco, 54 (1999)47.
94. Conductometric Determination of Some Pharmaceutically - Important 4-Quinolone Derivatives.
F. Belal, M. Rizk, F.A. Aly, and N. El-Enany.
Chem. Anal. 44(1999)763
95. Voltammetric Determination of the N-Nitroso derivatives of Atenolol and Propranolol in Simulated Gastric Juice.
F. Belal, O.A. Al-Deeb; A.A. Al-Majed and E.A.R. Gad-Kariem.
Il Farmaco 54(1999)700.
96. Analytical Profile of Isoxsuprine HCl, a Monograph in "Analytical Profile of Drug Substances and Excipients", Editor, H.G. Brittain, Academic Press, N.Y.
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26, 359-393 (1999).
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3. SAC 89, Royal Chemical Society, Cambridge, England, 30th July - August 5th (1989).
4. Annual Scientific Meeting of the German Pharmaceutical Society, Frankfurt, Germany Sept. 30 - October 4 (1989).
5. Heyrovsky Centennial Congress on Polarography Organized Jointly with 41st Meeting of International Society of Electrochemistry, Prague, Czechoslovakia, August 20 - 25 (1990).
6. Second Anglo-Egyptian Conference of Pharmaceutical Sciences, Alexandria, Egypt, Nov. 9-12 (1991).
7. XXI Conference of Pharmaceutical Sciences, Cairo, Egypt, Dec. (1991).
8. First International Conference in the Middle East on Pharmaceutical Sciences, Irbid, Jordan, May 30-31 (1993).
9. Second International Conference on Medical Sciences, Benghazi, Libya, May 8-11 (1994).
10. XXIV Conference of Pharmaceutical Sciences, Dec. 20-22, 1994, Cairo, Egypt.
11. International Conference of Pharmaceutical Sciences and Technology, March 19-22, 1995, Alexandria, Egypt
12. International Conference on Contemporary Pest-Control Practices in Relation to Environmental Safety, Mansoura, Egypt, 3-5 Sept. 1995.
13. XXV Conference of Pharmaceutical Sciences, 24-26 December 1996, Cairo, Egypt.
4th International Symposium on: New Trends in Chemistry, 4-9 January, 1997, Cairo, Egypt.
14. First National Symposium on Material Science, King Saud University, Riyadh, Saudi Arabia, Nov. 29-Dec. 1st, 1998.
15. Fifth International Saudi Pharmaceutical Conference, October 26-28 (1999). Riyadh, Saudi Arabia.
16. Third KFMMC International Pharmacy Conference: Future Trends. October 15-17 (2002). Dhahran, Saudi Arabia.
17. Sixth Saudi International Pharmaceutical Conference, October 6-8 (2003). Riyadh, Saudi Arabia.
18. International Conference on Chemistry and Industry, Future Trends for the Third Millennium. December 11-14 (2004) Riyadh, Saudi Arabia.
19. Al-Azhar 4th International Conference for Pharmaceutical and Biological Sciences, February 13-15 (2006) Cairo, Egypt.
20. 30th International Conference for Pharmaceutical and Biological Science, December 19-21(2006) Cairo, Egypt.

21. 9th International Conference on Chemistry and its role in Development, April 16-19, (2007) Mansoura; Sharm El-Sheikh, Egypt.
22. 5th International Conference on Chemistry " Green and sustainable chemistry for developing countries", March 3-6 (2008) Faculty of Science, Cairo, Egypt.
23. 1st International Pharmaceutical Science Conference "Pharmacy Education and Community Expectation, November 18-19, (2009) Faculty of Pharmacy;
24. Tanta University, Tanta, Egypt.
25. 32nd Conference of Pharmaceutical Sciences (Egyptian Pharmaceutical Society) Cairo, Egypt 21-23December2011.
26. 29th Internationa Symposium on Chromatography.9-13 September, 2012. Torun, Poland.
27. DUPHAT 2013. Dubai International Pharmaceuticals and Technology Exhibition Conference.Dubai,March ,10-12 (2013)
28. ISC 2014,30th International symposium on Chromatography, 14-18 Sept. 2014, Salsburg, Austria.
29. Humboldt Kooleg 2014, Globalization of Science. Tecent Trends in Chemistry.28-31 October 2014. Ismaleia, Egypt.

31. List of Dissertations supervised or Co-supervised.

No.	Student Name	Degree	Thesis Title	Date
1.	Maha A. Sultan	M.Sc.	Studies on the Determination of Some Organic Nitro Compounds of Pharmaceutical Interest	Jan. 1988
2.	Fatma A. Aly	M.Sc.	Utilization of Hexaammincobalt(III) Tricarbonetocobaltate(III) for the Determination of Certain Pharmaceutical Compounds	March 1988
3.	Fatma A. Aly	Ph.D.	Contribution to the Analysis of Some Compounds Acting on the Central Nervous System	Feb. 1991
4.	Mohamed M. Hefnawy	Ph.D.	Analysis of Certain Pharmaceutical Compounds and Other Compounds of Interest in Environment	April 1994
5.	Manal M. Eid	M.Sc.	Electrochemical Study of Certain Sulphur Compounds	July 1995
6.	Azza M. Osman	M.Sc.	The Analytical Study of Certain Additives in Some Pharmaceutical Preparations	Aug. 1996
7.	Nahed M. El-Enany	M.Sc.	Analytical study for Certain 4-Quinolone Derivatives	Aug. 1996
8.	El-Sayed Abdel Hafiz Mohamed (Faculty of Dentstry)	Ph.D.	Effect of Different Curing Techniques and Degree of Polymerization on the Fatigue Fracture of Heat-cured Acrylic Resin Materials.	Nov. 1999
9.	Riyad M. Alashban (KSU, Saudi Arabia)	M.Sc.	Degradation Kinetics and Stability Indicating Studies for Nicardipine Hydrochloride	Feb. 2000
10.	Haya I. Al-Johar KSU, KSA	M.Sc.	A Kinetic Method for the Determination of Cisapride.	April 2000
11.	Nahed M. El-Enany	Ph.D.	Therapeutic Quinolones and Analogues, Their Characterization and Analysis in Pharmaceuticals and Biological Fluids.	June 2000
12.	Dalia R. El-Wassef	Ph.D.	Contribution to the Analysis of Antibiotics.	August 2000
13.	Ibrahiem A. Al-Zaagi, KSU, KSA	M.Sc.	A Contribution to the Analysis of Angiotensin-Converting Enzyme (ACE) Inhibitors.	October 2000
14.	Hamoud A. Al-Malaq, KSU, KSA	M.Sc.	Analytical Study of Phenolic Compounds of Pharmaceutical Interest.	October 2000
15.	Manal, M. Eid	Ph.D.	Contribution to the Microanalysis of Amino Compounds in Formulations and in Biological Fluids.	September 2001
16.	Zeineb A. Sheribah	Ph.D.	A Novel Approach to Drug Analysis via Complex Formation	September 2001.
17.	Nora Z. Zoman KSU, KSA	M.Sc.	Analytical Study of Some Calcium Channel Blockers	November 2001.

No.	Student Name	Degree	Thesis Title	Date
18.	Shereen Shaalan	M.Sc.	A Novel Approach for Analysis of Certain Amino-Alcohols Derivatives of Pharmaceutical Interest	August 2002
19.	Abeer Saad Al-Tamrah(King Saud University, Saudi Arabia	M.Sc.	New Spectrometric Methods for the Determination of Some Pharmaceutically-Important Phenolic Compounds	October 2002
20.	Mohamed S. Al-Thunyan	M.Sc.	Use of Fluorogenic Reagents for the Analysis of Some Angiotensin Converting Enzymes (ACE) Inhibitors.	June 2003
21.	Saeed M. Al-Qahtani	M.Sc.	A Contribution to the Analysis of Some 1,4-Dihydropyridine Calcium Channel Blockers	June 2003
22.	Nasr Y. Khalil	Ph.D.	Modern Methods for the Analysis of Selected Antibiotics in Different System.	August 2004
23.	Wael T. Ismail	M.Sc.	Analytical Determination of Some Drugs Containing Carbonyl Group in Their Pharmaceutical Preparations	August 2007
24.	Mohamed I. El-Awady	M.Sc.	Determination of certain compounds or their related products in Pharmaceutical Preparations and Biological Fluids	November 2007
25.	Nehal A. El-Bahy	M.Sc.	Determination of Some Antipsychotic Drugs in Formulations and Biological Fluids.	December 2007
26.	Amina A. Abdelal	Ph. D.	Analysis of Some Calcium Channel Blockers in Pharmaceutical Preparations and Biological Fluids	March 2008
27.	Kreem Younes	Ph.D	Analytical Study on Some amino Containing Drugs (Faculty of Pharmacy,Cairo University)	September 2009
28.	Jenny Jeehan. Naser	Ph. D.	Stability Indicating Methods for the determination of Some Pharmaceutical Compounds in Pharmaceutical Preparations and Biological Fluids	September 2009
29.	Heba M. El-Mansi	M.Sc.	Analytic al Study of Certain Antidepressants and Nocturnal Enuresis Drugs	October 2010
30	Samah Abo-ElAbas	M.Sc.	Analysis of Certain skeletal muscle Muscle Relaxants	October 2010

No.	Student Name	Degree	Thesis Title	Date
31.	Manar Mohamed Tolba Ali	Ph.D.	Analytical Study of Some Cardiovascular Drugs	May 2011
32.	Rabaa Mohamed. (Faculty of Dentistry)	Ph.D.	Dental Erosion, its prevalence and risk predictors	June 2011.
33	Mahmoud H. El-Maghrabey	M.Sc.	Analytical Studies for the Determination of Certain Pharmaceutical Compounds Containing Nitrogen and Oxygen in Pharmaceutical Dosage Forms and Biological Fluids	Sep. 2011
34	Rania N. El-Shaheny	Ph.D.	Development of advanced stability-indicating assay methods for certain pharmaceutical compounds	Dec. 2011
35	Rania M. El-Gamal	Ph.D	Determination of Antimicrobials in dosage forms and biological fluids	July 2013
36	Fatma Ahmad Foad El-Shahat	M.Sc	Analytical Study on Some Veterinary Drugs	Sept. 2013
37	Tarek Ibrahim Elawady	M.Sc	Determination of Some Antihyperlipidemic Drugs in Pharmaceutical Preparations And biological fluids	Nov.2013
38	Samar Saad	Ph.D.	Analytical Study of Certain chemotherapeutic Agents in Pharmaceutica preparations and Biological Fluids	December 2013
39	Sahar Ebrahim Gad Zayed	Ph.D.	Determination of Some Cardiovascular Drugs in Pharmaceutical Formulations And Biological fluids.	March 2014
40	Safaa Fathy Saleh Ali	Ph.D.	Analytical Study of Certain Analgesics And Skeletal Muscles Relaxant Drugs	January 24, 2016