



CURRICULUM VITAE

Abdel-Aziz El-Basyouni Mohamed WAHBI.

B.Pharm., Ph.D.(Lond.), CChem., FRSC.

Humboldtian.

Emeritus Professor of Pharmaceutical Analytical Chemistry,
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1. Personal Data

Date of Birth: 27 February 1941.

Nationality : Egyptian.

Status: Widower, Two sons, Eng.Ahmed and Islam.

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2.0 Qualifications

2.1 B.Pharm., Pharm. Chem. (1961), Grade Excellent, First Class Honour Degree, Faculty of Pharmacy, Cairo University.

2.2 Ph.D. in Pharmaceutical Chemistry (1967). Faculty of Medicine, School of Pharmacy, University of London. Brunswick Square, London, UK.

"Application of orthogonal functions to spectrophotometric analysis".

2.3 CChem, FRSC (April,1994). Chartered Chemist, Fellow of the Royal Society of Chemistry.

3.0 Research Interest

Pharmaceutical Analysis with special interest in spectrophotometry and chemometrics.
List of publications is attached

4.0 Attended Conferences:

- 4.1 British Pharmaceutical Conference 1998, Eastbourne, Sept. 8 – 11, 1998
- High performance liquid chromatographic determination of buclizine dihydrochloride in the presence of acid-induced degradation products. J.Pharm. Pharmacol. S- 119, 1998. A.M. Wahbi, A. El-Waily, A. El-Gindy
- 4.2 British Pharmaceutical Conference, 2003 Harrogate Sept. 15-17, 2003
- Generation of derivative curves of absorption spectra using Glenn's method of orthogonal functions. J.Pharm. Pharmacol., September Supplement, 017, S 7, 2003. A.M. Wahbi, E. Hassan, E.F.Khamis, D. Hamdy, M. Barary
- 4.3 British Pharmaceutical Conference , Manchester Sept. 26 – 28, 2005
- Simultaneous spectrophotometric determination of a ternary mixture, ambroxol HCl, theophylline and guaifenesin in capsules using chemometrics. J. Pharm. Pharmacol., September Supplement 2005., 083, S. 47. A.M.Wahbi, O.Fahmy, M. Moneeb.
- 4.4 Federation International Pharmaceutique, FIP, 2005, Cairo,September , 2-8.
- 4.4.1 Application of derivative ratio spectrophotometry and partial least squares PLS to the determination of dissociation constants. QP-P-007 Wahbi, O.T. Fahmy and M.S. Moneeb
- 4.4.2 Application of chemometrics, PLS, to second-order derivative spectrophotometric determination of benzene as impurity in ethanol and isopropyl alcohol. QP-P-008 A. M. Wahbi, E.Hassan, O.Fahmy and D. Hamdy.
- 4.4.3 Determination of omeprazole, lansoprazole and pantoprazole in presence of their acid-induced degradation products using derivative ratio spectrophotometry and partial least squares. QP- P-009 A.M. Wahbi, O.T.Fahmy and M.S. Moneeb.
- 4.5 Recent advances in spectrophotometric analysis. A. M. Wahbi. Second Anglo-Egyptian conference of Pharmaceutical Sciences. Alexandria, 9–12 November, 1991.
- 4.6 Drug Product Quality Assurance. A. M. Wahbi. First Lebanese Conference of Pharmaceutical Sciences. Beirut, Lebanon, 4 – 6 September, 1992.

5.0 **Review Article**

Application of orthogonal functions to pharmaceutical analysis, Generation of derivative curves. Saudi Pharmaceutical Journal, 13 No.1 , 14 – 33. 95 references

6.0 **Invitations and Nominations by International and National Organizations**

- 6.1 The Higher Education Commission in Pakistan has selected me in between eminent scientists in advanced countries and invited me to deliver 6-8 lectures through video conferencing covering (a) basic concepts and topics related to

graduate courses (b) various research topics representing state-of-art knowledge on my field of basic and applied science. (email letter is include).

6.2.1 "Marquis Who'sWho" organization has invited me to be included in the 10th Anniversary Edition in Science and Engineering and also in Medicine and Healthcare Edition. (email letters are included).

6.3 Invitation from Pharmex to share in teaching course on NIR in Egypt.(email is included)

7.0 Reviewer to Foreign Scientific Articles

7.1 "Analytical Chemistry Insights, USA" invited me to review a research article for publication (23 Jan. 2008, included).

7.2 "Saudi Pharmaceutical Journal" invited me to judge between two reviewers about the publication of a research article (16 January, 2008, included).

7.3 "J. Association Official Analytical Chemists, International, USA; AOAC" invited me to review a research article for publication (7 January, 2008, included).

7.4 "Pakistan Journal of Pharmaceutical Sciences, PJPS" invited me to review a research article for publication (12 April, 2007, included).

7.5 "J. Association Official Analytical Chemists, International,USA; AOAC International" invited me to review a research article for publication (28 January, 2008, included).

7.6 "Pakistan Journal of Pharmaceutical Sciences, PJPS" invited me to evaluate an article for publication (26 January, 2007, included).

7.7 "Spectroscopy Letters, USA" invited me to review an article for publication (11 February, 2004, included).

7.8 "Pakistan Journal of Pharmaceutical Sciences" , PJPS, invited me to evaluate an article for publication (29 April, 2008, include)

8.0 Reviewer to Ph.D. Theses from foreign Universities

8.1. I was invited to evaluate the Ph.D thesis of Miss Vijaya Rekha Thuta from the Department of Organic Chemistry, Foods, Drugs and Water, Andhra University, Visakhapatnam, India 1998 (Covering pages are included).

8.2. I was invited to evaluate the Ph.D thesis of Ms. Mohsina Begum from the University of Mysore, India (28 Oct. 2006, included).

8.3. I was invited to evaluate the Ph.D thesis of Mr. Muhammad Sulaeh from the University of Karachi, Pakistan, (1 October, 2007, included).

9.0 Cosultancy to International and National Pharmaceutical Firms and Organizations

(A) International firms

- 9.1 Full time consultant to 'Saudi Pharmaceutical Industries and Medical Appliances, SPIMACO" Qassim, Saudi Arabia from 23-10-1994 to 30-06-1997.
- 9.2 Consultant to "SPIMACO", KSA, from December 1997 to June 2002 by visiting the plant in Qassim at intervals of about 3 months.
- 9.3 Consultant to "SPIMACO" via email communications to give advice about certain difficulties they faced for the analysis of 6 impurities present in a pharmaceutical product (18-03-2007, included).

(B) National Firms

- 9.4 Consultant, Quality Control Department, Drug Research and Control Center, Ministry of Public Health, Cairo from 1969 to 1973.
- 9.5 Consultant, Quality Control Department, Alexandria Company for Pharmaceuticals and Chemical Industries from 1975 to 1982.
- 9.6 Consultant, Alexandria Company for Pharmaceuticals and Chemical Industries from 1988 to 1993.
- 9.7 Consultant, Amrya Pharmaceutical Industries, Alexandria, Drug Quality Control from April 1993 to October 1994.
- 9.8 Consultant, Saudi Pharmaceutical Industries and Medical Appliances Corporation, SPIMACO from June 1997 to June 2003.
- 9.9 Consultant to Pharco corporation (Pharco Co., Amrya Co., European-Egyption Co.) from June 2005 to time.

10.0 Membership to Advisory International Boards of Foreign Pharmaceutical Journals

- 10.1 Member of the International Advisory Board of "Saudi Pharmaceutical Journal" (included).
- 10.2 Member of the International Advisory Board of "Pakistan Journal of Pharmaceutical Sciences" (included) with a complete publication of my CV with my personal photo on the net.

11. Special Prizes and Awards

- 11.1) Distinguished award of graduated pharmacists of Egypt in 1961 received personally from *President Gamal Abdul Nasser*.
- 11.2) Alexandria University Distinguished prize with Silver medal (1978) for research in the field of Pharmaceutical Analytical Chemistry.

- 11.3) Donated a "Perkin Elmer Spectrofluorometer" from the "Alexander von Humboldt" foundation in Germany (1978) for my achievements in spectrophotometry. I have developed: a) the multivariate classical least squares method of spectrophotometric analysis, b) the BASIC program to generate derivative curves.

12. Membership to Directory Boards

- 12.1 Member of the Panel of Directors of Alexandria Company of Pharmaceuticals and Chemicals Industries (included)
- 12.2 Member of the Technical and Scientific Directory Board of "Saudi Pharmaceutical Industries and Medical Appliances Co., SPIMACO" from 23-10- 1994 (included).

13. Fellowship to International Organizations

- 13.1 Fellow of the Royal Society of Chemistry and a Chartered Chemist, CChem, FRSC. This is the highest qualification in chemistry in the UK. British professors members of the B.P. Council are proud to give CChem, FRSC after their names (included).

14. When my name "Wahbi" is clicked on in the Analytical Abstracts, AA

Only from January 1980 to December 2005 the available period of CD ROM of AA, 65 repetitions appear. (included). I have about 25 publications before January 1980

15. When my name "Wahbi" is clicked on in the International Pharmaceutical Abstracts, IPA

- From January 1970 to December 2005, the available CD ROM of the IPA, 47 repetitions appear (included).

16.0 Appearance in text books

- 16.1 "Practical Pharmaceutical Chemistry" by A.H. Beckett and J. B. Stenlake, (Athlon Press). Third Edition, Part Two. My name appeared on pp. 252 and 296 twice for each page in the text and references, respectively (included).
- 16.2 "Ultraviolet-Visible Spectrophotometry in Pharmaceutical Analysis" by S. Gorog, (Boca Rato, CRC Press), 1995. My name appeared more than 50 times.

17.0 A Big Event I

The official assay of sennosides in the USP (1985) by a fluorimetric method (included) is in principle and procedure extracted from my research paper published in 1978 and entitled, "Spectrofluorometric determination of sennosides in tablets." A. M. Wahbi, and B. Unterhalt. Planta Medica, 1978, 33, 393-395.

18.0 A Big Event II

- The attached BASIC program and CD is equivalent to the unpublished program installed in all modern spectrophotometers (UV-Vis, NIR, IR) for recording first , second, third and fourth order derivative curves from the corresponding absorption curves. This program is developed in the Ph.D thesis of Professor Suzy Sabri (32) and the M.Pharm.Sci. thesis of Mrs Dalia Hamdi (23) under my supervision.

19.0 **Administrative Posts**

- 19.1 Acting Head of the Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy, Alexandria University from 1976-1978 (two years).
- 19.2 Head of the Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy, Alexandria University from Feb. 1980 to Feb. 1982.
- 19.3 Head of the Pharmaceutical Analytical Chemistry Department. Faculty of Pharmacy, Alexandria University from Feb. 1988 to Feb. 1991.
- 19.4 Vice Dean for Higher Studies and Research, Faculty of Pharmacy, Alexandria University, from August 1991 to August 1994.
- 19.5 Chairman of the eighth round of the "Permanent Promotion Committee" for Pharmaceutical Chemistry (Associate Professorship" from 2001 to 2003.
- 19.6 Member of the "Directory Panel" of the "Alexandria Company for Pharmaceuticals and Chemical Industries" 2001 to 2003.
- 19.7 The second man in the managing committee of "SPIMACO" from October 1994 to June 1997.

20.0 **Membership**

- 20.1 Member of the Permanent Promotion Committee for Professorship in Pharmaceutical Chemistry of Egypt (1988- 1994).
- 20.2 Member of the Permanent Promotion Committee for Associate Professorship in Pharmaceutical Chemistry of Egypt (1998 - 2008).

21.0 **Research Activities**

- 21.1 More than 150 papers in international and national journals.
- 21.2 Principal Supervisor of 25 M. Pharm Sci. theses.
- 21.3 Principal Supervisor of 10 Ph.D. Theses

22.0 **My International Research School in Pharmaceutical Analysis**

Research Students studied under my supervision, Their Degrees, published research papers from their theses and Present Positions

No.	Thesis	Candidate's Name	Present Position
1.	M.Pharm.	Mohamed A. Korany	Emeritus Professor Alex. Univ. Papers: 4,13 &14
2.	M. Pharm.	Ahmed A. Habeeb	Emiritus Professor Tanta Univ. Paper: 19
3.	Ph.D.	(Late) Mohamed Abdel-Salam	Professor, Alex. Univ. (Deceased) Papers: 8 & 9
4.	M. Pharm.	Sayed M. Hassan	Professor, USA. Papers:20a & 24
5.	M. Pharm.	Kamal Abou-Elailah	R&D director Otsuca Co. for Parentral Solutions. Paper: 7
6.	M. Pharm.	Amna Soliman	National Drug Res. Centre. Guiza, Cairo. Paper 26
7.	M. Pharm.	Salah Blaih	Assoc. Professor Alex. Univ. & USP Consultant. Papers: 27 & 33,
8.	M. Pharm.	Ahmed R. Sadek	Major General, Navy Forces, Hospitals Alexandria. Papers:30
9.	Ph.D.	Mohamed A. Korany	Emeritus Professor, Alex. Univ. Paper: 35
10.	Ph.D	Ursula Steffens (German)	F R Germany. Paper 21
11.	M. Pharm.	Mohamed Abdel-Hay	Professor, Alex University Papers: 36a & 36b
12.	M. Pharm.	Magda Barary	Professor, Alex. Univ. Papers: 42,44
13.	Ph.D.	Mona Bedair	Professor, Alex. Univ. Papers: 45, 46, 47, 48 & 49
14.	Ph.D.	Magda Barary	Professor, Alex. Univ. Papers:54 & 61
15.	M. Pharm.	Ismail Hewala	Assoc. Professor, Alexandria Univ. Paper: 55
16.	M. Pharm.	Samira Mandour	Pharmacist, Taif, Saudi Arabia. Papers:57, 59, 62
17.	Ph.D.	Mohamed Abdel-Hay	Professor, Alex. University. Papers: 63,65&69.
18.	M. Pharm.	Hoda Mahgoub	Professor, Alexandria University Paper: 66
19.	M. Pharm.	Hussein Al-Kahtani (Saudi)	Marketing Director, SPIMACO, Saudi Arabia. Papers: 72 & 84
20.	M. Pharm.	AhmedAl-Yousef (Saudi)	Chief Pharm. Jeddah Co for Parenteral Inf. Saudi Arabia. Papers: 79, 83,&88
21.	M. Pharm.	Sherifa Al-Omar (Kuwait)	General Director, Ministry of Health Kuwait. Papers: 80, 85 & 87.
22.	Ph.D.	Suzy Sabry	Professor, Alexandria University. Papers: 96,98, 99, 111,101, 115, 117& 124, &126,
23.	Ph.D.	Azza Ghazy	Professor, Alexandria University. Papers:105, 108, 110, 113 ,114&120 .
24.	M. Pharm.	Amani Awad	House wife Papers: 104,109
25.	Ph.D.	Alaa El-Gendi	Associate Professor, Suez -Canal University. Papers: 103, 112, 116,122, 123,125, 128, 130, &141.
26.	M. Pharm.	H.Lymona (Sudanese)	Retail Pharmacist Sudan Paper: 107.
27.	M. Pharm.	Yousrya Hassan	Q.C. Manager, Pharco, Pharmaceutical Industries Co. Alexandria. Papers: 118,127,
28.	M. Pharm.	Marwa Moneeb	Lecturer, Alexandria University Papers:137,135
29.	M.Pharm.	Shereen Hammad	Lecturer, Tanta University, Papers:136,&133.
30.	Ph.D.	Marwa Moneeb	Lecturer, Alexandria University
31.	M. Pharm	Dalia Hamdi	Assistant Lecturer, Alexandria Univ. Papers: 149,147,138
32.	M.Pharm.	Mahmoud Bahnasy	Assistant Lecturer, Alexandria Univ. Paper:151
33.	M. Pharm.	Ehab Emam	Head of Depart, QC, Alexandria Co. Pharm. Industries.
34.	M. Pharm	Amira Hassan	Assistant Lecturer, Tanta Univ. Papers: 150, 152