

# Curriculum Vitae

## Personal Contact Data

**Name:** Omayma Abdel Razak Mohamed Amin

**Nationality:** Egyptian

**Marital status:** married, two daughters

**Language spoken:** Arabic, English, french

**Current Position:** Professor of pharmaceutical analytical chemistry, Faculty of Pharmacy, King Abdulaziz University, Jeddah, King Saudi Arabia

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## Academic records

1. B. pharm Chem. June. 1882, faculty of pharmacy, university of Alexandria, Egypt.
2. Master in Pharmaceutical Analytical Chemistry Mars (1986), faculty of pharmacy, university of Alexandria, Egypt.
3. Ph.D. in Pharmaceutical Analytical Chemistry April (1993), faculty of pharmacy, university of Alexandria, Egypt.

## **Working experience**

1. Teaching Assistant , Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, University of Alexandria, EGYPT (1982 – 1993)
2. Assistant Professor, Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, University of Alexandria, EGYPT (1993 – 2000)
3. Associate Professor , Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, University of Alexandria, EGYPT (2000 – 2005)
4. Professor, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, King Abdulaziz university, Kingdom of Saudi Arabia.

## **Postgraduate Degrees Supervised**

Two M. Sc. & Three Ph. D. Thesis in Pharmaceutical Analytical chemistry.

## **Research interest**

Method development for drug analysis in pure form, in different dosage forms, and in biological samples. Stability study of drugs. Application of statistical analysis for evaluation of analytical data. Among the analytical techniques of interest are different spectroscopic techniques, electrochemical techniques, polarography and voltammetry, chromatography such as HPLC, GC, and TLC. In all these fields, 36 papers were published mostly in international journals.

## LIST OF PUBLICATIONS

- 1- Derivative spectrophotometric determination of some corticosteroids in combinations with other drugs  
Fawzy A. El Yazbi, Mohamed A. Korany, **Omayma Abdel Razak** and Mahmoud A. El Sayed  
J. Assoc. Off. Anal. Chem., 69(4), 614-618 (1986)
- 2- Determination of ethinyloestradiol in the presence of norethisterone by derivative-difference spectrophotometry  
M.A. Korany, F.A. El Yazbi, **Omayma Abdel Razak** and M.A. El Sayed  
Pharmaceutisch Wukblad Scientific Edition, 7, 163-166 (1985)
- 3- Derivative spectrophotometric analysis of oestradiol esters, testosterone and progesterone in oily injections  
Fawzy A. El Yazbi, Mohamed A. Korany, **Omayma Abdel Razak** and Mahmoud A. El Sayed  
Analytical Letters, 18(B17), 2127-2142 (1985)
- 4- Application of first derivative UV spectrophotometry to the analysis of some corticosteroids  
Fawzy A. El Yazbi, Mohamed A. Korany, **Omayma Abdel Razak** and Mahmoud A. El Sayed  
Alex. J. Pharm. Sci., 1(1), 1-4 (1987)
- 5- High performance and derivative ultraviolet spectrophotometric determination of pindolol and clopamide mixture in tablets  
A.M. El Walily, F.A. El Yazbi, S.F. Belal and **O. Abdel Razak**  
Anal. Letter., 28(5), 893-907 (1995)
- 6- Derivative spectrophotometric determination of mixtures of sex

hormones in oily injections

Fawzy A. El Yazbi, Mohamed A. Korany, **Omayma Abdel Razak** and Mahmoud A. El Sayed

Alex. J. Pharm. Sci., 11(2), 160-164 (1989)

- 7- Spectrophotometric and spectrofluorimetric determination of heptaminol and mexiletine in their dosage forms  
A.M. El Walily, F.A. El Yazbi, S.F. Belal and **O. Abdel Razak**  
Anal. Letter, 30(11), 2029-2043 (1997)
- 8- Utilization of carbon disulphide for the analytical determination of batahistine hydrochloride and captopril in their pharmaceutical preparations  
A.F.M. El Walily, **O.A. Razak**, S.F. Belal and R.S. Bakry  
J. Pharm. Biomed. Anal., 21, 439-449 (1999)
- 9- Determination of norfoxacin spectrophotometrically using 2,4-dinitrofluorobenzene  
Abdel Fattah M. El Walily, **Omayma Abdel Razak**, Saied F. Belal and Rania S. Bakry  
J. Pharm. Biomed. Anal., 21(5), 1069-1076 (1999)
- 10- Kinetic study on the hydrolysis of erythromycin ethyl succinate  
Azza A. Gazy, **Omayma A. Razak**, Heba H. Abdine and A.M. Wahbi  
Bull. Fac. Pharm. Cairo Univ., 37(2), 19-25 (1999)
- 11- spectrophotometric and HPLC determination of secnidazole in pharmaceutical tablets  
Abdel Fattah M. El Walily, Heba H. Abdine, **Omayma Abdel Razak** and Saad Zamel  
J. Pharm. Biomed. Anal. (1999)
- 12- Spectrofluorometric determination of some Beta-adrenergic agonist drugs using pechman reaction  
Abdel Fattah M. El Walily, Azza A. Gazy, **Omayma Abdel Razak** and Saied F. Belal  
Presented as poster in the Third Annual Meeting of The Association of Colleges of Pharmacy in The Arab World 14-16 October, 1999, Tanta University
- 13- Kinetic study for the hydrolysis of indapamide and its assay in tablets fluorimetrically

**O.A. Razak**, M.A. Korany, M.A. Bedair and R.S. Hagag  
Presented as poster in the Third Annual Meeting of The Association  
of Colleges of Pharmacy in The Arab World 14-16 October, 1999,  
Tanta University, and submitted for publication in the Arabic  
Journal of Pharmaceutical Sciences

- 14- Spectrophotometric determination of azintamide and timonacic in pharmaceutical tablets  
Abdel Fattah M. El Walily, **Omayma Abdel Razak**, Saied F. Belal and Rania S. Bakry  
Journal Quimica Analitica (2000)
- 15- Spectrophotometric investigation of the formed chelate between timonacic and palladium (II) and its analytical applications  
R.S. Bakry, **O.A. Razak**, A.F.M. El Walily and S.F. Belal  
J. Pharm. Biomed. Anal., 17, 95-101 (1998)
- 16- Fluorimetric and spectrophotometric determination of ritodrine hydrochloride in bulk and pharmaceutical formulations  
**Omayma Abdel Razak**  
J. Pharm. Biomed. Anal., 18, 359-365 (1998)
- 17- Spectrophotometric and spectrofluorometric determination of mequitazine in pharmaceutical tablets  
Rania S. Bakry, **Omayma Abdel Razak**, Abdel Fattah M. El Walily and Saied F. Belal  
Acta Poloniae Pharmaceutica - Drug Research, 53(5), 325-329 (1996)
- 18- Stability-indicating assay of mequitazine in bulk and pharmaceutical tablets  
Rania S. Bakry, **Omayma Abdel Razak**, Abdel Fattah M. El Walily and Saied F. Belal  
Acta Pharmaceutica Hungarica 66, 83-88 (1996)
- 19- Spectrophotometric determination of salbutamol sulphate using chlorinated quinones in the presence or absence of acetaldehyde  
Rania S. Bakry, **Omayma Abdel Razak**, Abdel Fattah M. El Walily and Saied F. Belal  
J. Pharm. Biomed. Anal., 14, 357-362 (1996)
- 20- Spectrophotometric determination of timonacic through formation of coloured dialkylvinyl amino quinones

- Rania S. Bakry, **Omayma Abdel Razak**, Abdel Fattah M. El Walily and Saied F. Belal  
Acta Poloniae Pharmaceutica - Drug Research, 52(4), 265-269 (1995)
- 21- Spectrophotometric determination of phenobarbital sodium, thiopental sodium and timonacic through an ion pair formation with quinones  
R.S. Bakry, **O.A. Razak**, A.F.M. El Walily and S.F. Belal  
STP Pharma Sciences, 5(5), 397-402 (1995)
- 22- Polarographic and spectrophotometric determination of some drugs through nitrosation and study of formation of nitrosoderivatives in simulated gastric juice  
**O. Abdel Razak**, M. M. Bedair, S. F. Belal and R. S. Haggag  
Presented in the World Congress of Pharmacy and pharmaceutical Sciences, 61<sup>st</sup> International Congress of FIP (Singapore) (2001)
- 23- Spectrofluorimetric determination and kinetic study of ceftibuten  
Fawzy M. El-Anwar, **Omayma Abdel Razak** and Azza A. Gazy  
J. Drug Res. Egypt, 23, 11-16 (2000)
- 24- Polarographic determination of phenytoin and benzophenone (as impurity) in pharmacuetucial preparations  
**Omayma A. Razak**, Azza Abdel-Kader Gazy and A.M. Wahbi  
J. Pharm. Biomed. Anal., 28, 613-619 (2002)
- 25- Spectrophotometric determination of omeprazole, lansoprazole and pantoprazole in pharmaceutical formulations  
Abdel-Aziz M. Wahbi, **Omayma Abdel Razak**, Azza Abdel-Kader Gazy, Hoda Mahgoub, and Marwa S. Moneeb  
J. Pharm. Biomed. Anal. 30, 1133-1142 (2002)
- 26- Determination of ketoprofen and chloroxazone in capsules by ratio-spectra orthogonal function spectrophotometry  
Abdel-Aziz M. Wahbi, Hoda Mahgoub, **Omayma Abdel Razak**, Azza A. Gazy and Marwa S. Moneeb  
Alex. J. Pharm. Sci., 17(1), 31-39 (2003)
- 27- Qualitative polarographic analysis of some metals as single and in mixtures using chemometric methods  
Abdel-Aziz M. Wahbi, Azza A. Gazy, **Omayma Abdel Razak**, Hoda Mahgoub and Marwa S. Moneeb

Bull. Fac. Pharm, Cairo Univ., 41(1), 277-283 (2003)

- 28- Application of orthogonal functions for polarographic determination of some metals in pharmaceutical mixtures  
Abdel-Aziz M. Wahbi, Azza A. Gazy, **Omayma Abdel Razak**, Hoda Mahgoub and Marwa S. Moneeb  
Alex. J. Pharm. Sci., 17(2), 99-104 (2003)
- 29- The utilization of copper (II) phosphate for the anodic stripping voltammetric assay of alendronate sodium, desferrioxamine mesylate and lisinopril  
**O. Abdel Razak**, S. F. Belal, M. M. Bedair, R.S. Haggag  
Talanta, 59, 1061-1069 (2003)
- 30- Simultaneous determination of paracetamol and chloroxazone using orthogonal functions-ratio spectrophotometry  
Abdel-Aziz M. Wahbi, Azza A. Gazy, **Omayma Abdel Razak**, Hoda Mahgoub and Marwa S. Moneeb  
Saudi Pharmaceutical Journal. 11(4), 192-200 (2003)
- 31- Study of the Antioxidant activity of some citrus fruits peels  
Nagwa S. EL-Shaer<sup>\*</sup> and **Omayma Abdel Razak M. Amin**<sup>\*\*</sup>  
<sup>\*</sup> Pharmacognosy Department, <sup>\*\*</sup> Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt.  
Bull Fac. Pharm. Cairo Univ., 41(3), 301-309 (2003)
- 32- Spectrophotometric and polarographic determination of enalapril and lisinopril using 2,4-dinitrofluorobenzene  
**Omayma Abdel Razak**, Saied F. Belal, Mona M. Bedair, Nahla S. Barakat and Rim S. Haggag  
J. Pharm. Biomed. Anal., 31, 701-711 (2003)
- 33- Spectrophotometric derivative – ratio and voltammetric determination of norfloxacin-tinidazole mixture  
**Omayma Abdel Razak**, Saied F. Belal, Fawzy A. El-Yazby and Dina Abdel Gawad  
Bull Fac. Pharm. Cairo Univ., (2004)
- 34- Spectrophotometric stability indicating assay of enalapril and study of its degradation  
**Omayma Abdel Razak**, Saied F. Belal, Mona M. Bedair, Nahla S. Barakat and Rim S. Haggag

Bull Fac. Pharm. Cairo Univ., 42 (1), 243-249 (2004)

- 35- Polarographic determination of fenofibrate and bezafibrate in pharmaceutical preparations and their bioactive forms in plasma  
**O. Abdel Razak**, S. F. Belal, M. M. Bedair, R.S. Haggag  
Bull. Fac. Pharm. Cairo Univ., 42(1) 251-257 (2004).
- 36 Electrochemical study of hydrochlorothiazide and its determination in urine and tablets  
**Omayma Abdel Razak**  
J. of Pharm. and Biomed. Anal., 34, 433-440 (2004)