

Curriculum Vitae

Personal Information:

Date of Birth:	12. December 1975
Place of Birth:	Giza, Egypt
Nationality:	Egyptian
Marital Status:	Married

Graduation:

03/2007 – 12/2009	PhD work with the topic „the Influence of Oxidative Stress, Carcinogens and Cloning on DNA Methylation determined by Capillary Electrophoresis “, Analytical Chemistry Department, Bergische Universität Wuppertal, Germany. Research Skills: CE analysis, DNA metylation, Biomarkers, Optimisation stacking technique, Bioanalysis, SPE, Gel Electroporesis, HPLC-MS.
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Education:

05/2001 – 07/2004	Master Degree of Pharmaceutical Sciences in Analytical Chemistry, Faculty of Pharmacy, Cairo University, Egypt. General grade: very good. Research Skills: Development of Stability Indicating Methods, Pharmaceutical analysis, UV-VIS Spectropotometer, HPLC NMR, MS.
12/1998 – 12/1999	Postgraduate studies at the department of Analytical Chemistry, Faculty of Pharmacy, Cairo University, Egypt. General grade: very good.
09/1993 – 06/1998	Bachelor of Pharmaceutical sciences, Faculty of Pharmacy, Cairo University, Egypt. General grade: Excellent with Honors.

Professional and Work Experience:

02/2010 – till now	Lecturer of Analytical Chemistry, Faculty of Pharmacy, Beni-Suef University, Egypt
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02/2007 – 12/2009	PhD student at Institut für Naturwissenschaft, Fachbereich C - Analytical Chemistry, Bergische Universität Wuppertal, Germany.
06/1999 – 05/2006	Assistant lecturer at the department of Analytical Chemistry, Faculty of Pharmacy, Cairo University- Beni-Suef Branch, Egypt.
02/2003 – 12/2005	Assistant-Lecturer at the department of Phytochemistry, Faculty of Pharmacy, 6 October University, Egypt.
08/1998 – 05/2005	Pharmacist, part-time in In- and Out- patient Pharmacies.

List of courses taught:

- Teaching practical courses in Analytical Chemistry (Water Analysis) for fifth semester students at Institut für Naturwissenschaft, Fachbereich C - Analytische Chemie, Bergische Universität Wuppertal, Germany.
- Teaching practical courses in analytical chemistry for first year and second year pharmacy students at department of Analytical Chemistry, Beni-Suef University, Egypt.
Courses taught are: Qualitative analysis (Cations and Anions). Quantitative analysis: Titrimetry, Spectrophotometry, Electrochemistry, Quality control analysis of oils and fats, Water analysis.
- Teaching practical courses in Phytochemistry for third year and fourth year pharmacy students at department of Pharmacognosy and Phytochemistry, 6 October University, Egypt.
Courses taught are: Chromatographic separations of HPLC and TLC. Qualitative determination and quantitative analysis of volatile oils. Quantitative analysis of carbohydrates. Qualitative identification and quantitative determination of alkaloids.

Advanced qualifications:

05/2010	International Computer License approved from UNESCO, Cairo office.
03/2010 – 04/2010	Courses at Faculty and Leadership Development Center, Cairo University: <ul style="list-style-type: none">▪ The Use of Technology in Teaching▪ Organization of Scientific Conferences▪ Preparation of University-Teacher▪ Financial and Legal Aspects▪ Standards of Quality in Teaching.

06/2006 – 09/2006	Zertifikat Deutsch at Goethe Institute, Göttingen, Germany.
10/2007 – 03/2008	Courses in Instrumental analysis at Institut für Naturwissenschaft, Fachbereich C - Analytische Chemie, Bergische Universität Wuppertal, Germany.
03/2008	Chemometry Seminar at Bergische Universität Wuppertal, Germany.

Language Skills:

Arabic	Mother Language
French	Fluent command of written and spoken language
English	Fluent command of written and spoken language
Deutsch	Good command of written and spoken language

Computer Skills:

Excellent use of all of applications of MS Office	Word, Excel, PowerPoint, Outlook, Access
Analytical software	MassLynx v 3.5 (micromass) WinASPECT v. 2.2 (analytikjena)
Others	ChemDraw Ultra 7.0 SigmaPlot 8.0 Reference Manager 10
Excellent use of Internet search and applications, Internet Explorer, Firefox	

Research Interests:

- Development and optimization of analytical methods (stability-indicating methods) for analysis of drugs, proteins and peptides with HPLC and CE.
- Analysis of biomarkers for cancer and other diseases prediction with CE.
- Optimization CE-LIF and HPLC-MS methods to overcome the limitations in the CE-UV analytical methods.
- Drinking water supply and wastewater treatment and reuse in developing countries and analysis of pharmaceuticals in water
- Drug development

List of publications:

1. Quantification Of Leukocyte Genomic 5-Methylcytosine Levels Reveals Epigenetic Plasticity in Healthy Adult Cloned Cattle, Cellular Reprograming, 2010, 12, 175-181
2. 27 Highly Variable Epigenomes in Healthy Adult Bovine Clones, Reproduction, Fertility and Development, 2008, 21, 114

3. Stability-Indicating Methods for the Determination of Indapamide in the Presence of its Degradation Product, Bull.Fac.Pharm. Cairo Univ., 2003, 41, 269-283

Posters and Conference presentations:

‘Highly variable epigenomes in healthy adult clones’.

Poster presented in 34 th International symposium on High-Performance Liquid separations and Related Techniques, June 28 th - July 2nd, 2009 in Dresden, Germany. Among 628 Posters, the poster presented by me and my professor awarded the third prize given in pharmaceutical and bioanalysis that sponsored by Pfizer.

‘A strategy to determine the contribution of epigenetics to phenotypical variations using adult cows with the same genotype’

Poster presented in International Embryogenomics meeting, October 17-20 th, 2007 in Paris, France.

‘Highly variable epigenomes in healthy adult clones’.

Poster presented in 3rd SABRE Conference on Welfare and Quality Genomics, September, 2009 in Foulum, Denmark.

Honors and Awards:

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| 2009 | Third prize (Pharmaceutical and Bioanalysis, Pfizer) for the poster presented in HPLC-2009 Conference in Dresden. |
| 6/2006- 3/2009 | DAAD Scholarship, Sandwich-Model for doctoral Program. |