



Curriculum Vitae

Dr. Abdulrahman A. Al-Majed

Associate Professor

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Personal Information:

Date of Birth:	01/06/1967
Place of Birth:	Riyadh, Saudi Arabia.
Nationality:	Saudi
Sex:	Male
Marital Status:	Married and have four children

Education Background:

- Bachelor of Pharmaceutical Sciences from College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. (1990-1991).
- Ph.D. in Pharmaceutical Chemistry from University of Bradford, United Kingdom. (1998).
- Bachelor of Legislation from College of Legislation, Imam Mohammed Bin Saud Islamic University, Riyadh, Saudi Arabia. (2003).

Employment History:

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| (1991-1993) | Teaching Assistant, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. |
| (1993-1998) | Obtained the degree of Doctor of Philosophy from the United Kingdom with the purpose of becoming a staff member in the department. |
| (1998-2003) | Assistant Professor, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. |
| (2003-Till Now) | Associate Professor, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. |

Administrative Assignments:

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| (2005-Till Now) | Chairman, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. |
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Participation in Committees, Councils and Societies

A. Committees and Councils:

1. 1998- Member of the Interviewing Committee for the Students who apply for the admission, in the College of Pharmacy, King Saud University, Riyadh, Saudi Arabia
2. 1998- Member of the Committee for Chemicals and Equipments in the Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
3. 1998-2005 Head of the Educational and Social Activities Committee, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

4. 1990-2000 Member of the Written Exam Committee for the Students who apply for the admission, in the College of Pharmacy, King Saud University, Riyadh, Saudi Arabia
5. 1999-2000 Member of the Final Examination Committee of the Second Semester in the College of Pharmacy, King Saud University, Riyadh, Saudi Arabia
6. 1999-2001 Secretary for the Departmental Meetings.
7. 2000-2002 Chairman of the Committee for Data Base in Saudi Pharmaceutical Society, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
8. 2000-2005 Member of the Academic Committee, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
9. 2000- Member of the University and the College Society, King Saud University, Riyadh, Saudi Arabia
10. 2003- Member of the Chemical Pollution Protection Committee, King Saud University, Riyadh, Saudi Arabia
11. 2006- Member of the Permanent Interviewing Committee for Employment, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
12. 2006- Member of the Committee for the Health Education, College of Pharmacy, Project (AFAQ) and the Future Higher Education (Future Plan for the Universities in the Kingdom of Saudi Arabia).

B. Professional and Honor Societies:

1. 1998- Member of the Housing Club Committee for the Teaching Staff.
2. 1999- Member of the Saudi Chemical Society, Riyadh, Saudi Arabia.
3. 1999- Member of the Cooperative Society, King Saud University, Riyadh, Saudi Arabia.

4. 1990-Till Now Member of the Saudi Pharmaceutical Society, Riyadh, Saudi Arabia.
5. 2000- Member of the Anti-smoking Society.
6. 2000-2002 Member of the Administrative Committee at Saudi Pharmaceutical Society, Riyadh, Saudi Arabia.
7. 2002-2004 Member of the Administrative Council Housing Club Committee for the Teaching Staff.
8. 2006- Vice-Chairman of the Social Development Council for cultivation.

Conferences and Symposia:

1. "First National Symposium on Materials", College of Science, King Saud University, 29th November to 2nd December 1998. A paper was presented entitled: "Volammetric Behavior and Determination of Nizatidine in its Dosage Forms and Biological Fluids."
2. Pharmaceutical Sciences Conference organized by Saudi Pharmaceutical Society, held in Riyadh, October 1999. The following three articles were presented in the Conference:
 - a. *The Voltammetric Study and Determination of Ramipril in Dosage Forms and Biological Fluids.*
 - b. *Determination of Terfenadine in Dosage Forms and Plasma.*
 - c. *Spectrophotometric Determination of Fenoterol HBr in Pharmaceutical Preparations.*
3. "The Annual Symposium of Federation Analytical Chemistry Societies (FACSS)" held in Nasfield, United States, 24th September to 28th September 2000. A paper was presented entitled: "*Fluorometric determination of gentamicin in dosage forms and biological fluids through derivatization with 4-chloro-7-nitrobenzo-2-oxa-1,3-diazole (NBD-Cl).*"
4. "The 6th Scientific Conference on Quality Control for Drugs, Vaccines and Natural Products" held in Cairo, Egypt, 23rd March to 25th March 2002. A paper was presented entitled: "*Degradation Kinetics and Stability-indicating Assay of Nicardipine Hydrochloride.*"

5. The 3rd International Pharmaceutical Conference, Dhahran, Kingdom of Saudi Arabia, 15th October to 17th October, 2002. Two papers were presented entitled: “*Anodic Polarographic Method for Determination of Isradipine in Formulations and Biological Fluids.*” And “*Spectrofluorometric determination of Lisinopril in Pharmaceutical Preparaton Through Derivatization with Ninhydrin/Phenylacetaldehyde System.*”
6. Pharmaceutical and Industrial Conference on “The Future View on the Third Century,” Chemistry Department, College of Science, King Saud University, Riyadh, 27th November to 1st December 2004. A paper was presented entitled: “*Anodic Polarographic Determination of Josamycin in Formulations and Spiked Human Urine.*”
7. Member of principle of Committee of the 9th International Pharmaceutical Science Conference and Exposition and the 9th General Assembly Meeting of the Scientific Society of Colleges of Pharmacy of the Association of Arab Universities in the Arab World, 17-21 December 2005, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
8. The New Zealand Institute of Chemistry Conference (NZIC 2006), “Back to the Basic from Small Molecules to Materials and Surfaces,” 2nd December to 6th December, 2006, Royal Lakeside Novotel, Roturaa, New Zealand.
9. National Conference in Chemistry 2007, 15th April to 16th April 2007, Saudi Chemical Society, Riyadh, Saudi Arabia. A paper was presented entitled: “*A New Method for the Determination of Some Aminoglycosides Antibiotics by HPLC using 7-Fluoro-4-nitrobenz-2-oxa-1,3-diazole (NBD-F) as a Fluorogenic Precolumn Label.*”

List of Publications

1. **A. A. Al-Majed**, “Spectrophotometric estimation of D-penicillamine in bulk and dosage forms using 2,6-dichloroquinone-4-chlorimide (DCQ)”. *Journal of Pharmaceutical and Biomedical Analysis, Belgium*, **21** (199) 827-833.
2. **A.A. Al-Majed**; F. Belal; A.M. Al-Obaid and A. H. Daaoud, “Voltammetric Behavior and Determination Of Nizatidine in Biological Fluids”. *Journal of Pharmaceutical and Biomedical Analysis, Belgium*, **21** (1999) 319-326).
3. **A. A. Al-Majed**, F. Belal and A. A. Al-Badr, Analytical Profile of Diloxanide Furoate: A monograph in "*Analytical Profile of Drug Substances and Excipients*", Editor : H. G. Britain; Academic Press, New York. Vol. 26 (1999) 392-411.

4. F. Belal; O. A. Al-Deeb; **A. A. Al-Majed** and E. A. R. Gad-Kariem, "Voltammetric Determination of N-Nitrosoderivatives of Atenolol and Propranolol in Simulated Gastric Juice". *IlFarmaco, Italy*, **54** (1999) 700-704.
5. F. Belal; **A. A. Al-Majed**, A. A. Al-Badr and H. I. El-Subbagh, Analytical Profile of Isoxsuprine. HCl: A monograph in "*Analytical Profile of Drug Substances and Excipients*", Editor: H. G. Britain; Academic Press, New York. Vol. 26 (1999) 359-393.
6. F. Belal; **A. A. Al-Majed** and A. M. Al-Obaid, "Methods Analysis of 4-Quinolone Antibacterials". *Talanta, USA*, 50 (1999) 765-786.
7. **A. A. Al-Majed**; F. Belal and A. M. Al-Obaid, "The Voltammetric Study and Determination of Ramipril in Dosage Forms and Biological Fluids". *IlFarmaco, Italy*, 54 (1999) 700-704.
8. **A. Al-Majed**, "Specific Spectrofluorometric quantification of D-penicillamine and its determination in bulk and dosage forms after derivatization with 4-fluoro-7-nitrobenzoxadiazole (NBD-F)." *Analytica Chimica Acta, The Netherlands*, **408** (2000) 169-175.
9. **A. A. Al-Majed**, J. Al-Zehouri and F. Belal, "Use Mixed Anydrides for the Determination of Terfenadine in Dosage forms and Spiked Human Plasma." *Journal of Pharmaceutical and Biomedical Analysis*, **23** (2000) 281-289.
10. G. A. Al-Malaq, **A. A. Al-Majed** and F. Belal, "A stability-indicating spectrophotometric method for the determination of fenoterol in pharmaceutical preparations." *Analytical Letters*, **33** (2000) 1961-1974.
11. F. Belal, H. A. Al-Malaq and **A. A. Al-Majed**, "Voltammetric determination of isoxsuprien and fenoterol in dosage forms and biological fluids through nitrosation." *Journal of Pharmaceutical and Biomedical Analysis*, **23** (2000) 1005-1015.
12. F. Belal H. A. Al-Malaq, **A. A. Al-Majed** and E. A. Gadkariem, "A stability-indicating HPLC method for determination of isoxsuprine in dosage forms. Application to kinetic Studies of isoxsuprine". *Journal of liquid Chromatography and Related Technology*, **23** (2000) 3175-3189.
13. **A. A. Al-Majed**, Analytical Profile of fenoterol: A monograph in "*Analytical Profile of Drug Substances and Excipients*", Editor: H. G. Britain; Academic Press, New York. .Vol. 278 (2001) 33-65.
14. F. Belal, A. M. Galal, **A. A. Al-Majed** and F. S. Al-Feraly, "Voltammetric study of parthenolide and its determination in biological fluids." *Photochemical Analysis*, **12** (2001) 250-254.

15. **A. A. Al-Majed** and J. Al-Zehouri, "Use of 7-Fluoro-4-nitrobenzo-2-1,3-diazole (NBD-F) for Determination of Ramipril in Tablets and Spiked Human Plasma" *Il Farmaco*, **56** (2001) 291-296.
16. **A. A. Al-Majed**, F. Belal and A. A. Al-Warthan, "Spectrophotometric Determination of ramipril (A novel ACE inhibitor) in dosage forms." *Spectroscopy Letters*, **34** (2001) 211-220.
17. Sami G. Abdel Hamid, Humeida A. El-Obeid, **Abdulrahman A. Al-Majed**, Hassan A. El-Kashef and Hussein I. Al-Sabbagh, "Synthesis and Anticonvulsant Activity of Some New 4-Oxo-3H-quinazoline Analogs." *Medicinal Chemistry Research*, **10** (2001) 378-389.
18. F. Belal, H. Abdine, **A. A. Al-Majed** and N. Y. Khalil, "Spectrofluorometric determination of vigabatrin and gabapentin in urine and dosage forms through derivatization with fluorescamine." *Journal of Pharmaceutical and Biomedical Analysis*, **27** (2002) 253-260.
19. F. Belal, **A. Al-Majed**, K.E.E. Ibrahim and N.Y.Khalil, "Voltammetric Determination of Josamycin (A macrolide Antibiotic) in Dosage Forms and spiked Human Urine." *Journal of Pharmaceutical and Biomedical Analysis*, **30**, 705-713 (2002).
20. **Abdulrahman A. Al-Majed**, Fathalla Belal, Mohammed A. Abounassif and Naser Y. Khalil, "Fluorometric Determination of Gentamicin in Dosage Forms and Biological Fluids Through Derivatization with 4-Chloro-7-nitrobenzo-2-oxa-1,3-diazole (NBD-Cl)." *Microchimica Acta*, **141**, 1-6 (2003).
21. **Abdulrahman A. Al-Majed**, Fathalla Belal, Kamal E. E. Ibrahim and Nasr Y. Khalil, "Kinetic Spectrophotometric Determination of the Macrolide Antibiotic Josamycin in Formulations," *Journal of AOAC International*, **86**, (2003).
22. F. Belal, **A. Al-Majed** and S. Julkhuf, "Voltammetric determination of isradipine in dosage forms and spiked human plasma and urine." *Journal of Pharmaceutical and Biomedical Analysis*, **31**, 989-998 (2003).
23. M. Al-Omar, **A. Al-Majed**, M. Sultan, E A. Gadkariem, F. Belal, "Voltammetric Study of Danazole and its Determination in Capsules and spiked Biological Fluids." *Journal of Pharmaceutical and Biomedical Analysis*, **37**, 199-204 (2003).
24. F. Belal, **A. A. Al-Majed**, S. Julkuf and Nasr Y. Khalil, "Spectrofluorometric Determination of Nimodipine in Dosage Forms and Spiked Human Urine." *Pharmazie*, **58**, 874-876 (2003)

25. Fathalla Belal, **A.A. Al-Majed**, K.E.E. Ibrahim and N.Y.Khalil, "Anodic Polarographic Determination of Josamycin in Formulations and spiked Human Urine." *Il Farmaco*, **59**, 537-542 (2004).
26. F. Belal, **A. A. Al-Majed** and S. Julkhuf, "Anodic Polarographic Determination of Isradipine in Pharmaceutical Formulations." *Scientia Pharmaceutica*, **27**, 131-142 (2004).
27. **Abdulrahman Al-Majed**, Fathallah Belal, Saeed Julkhuf and Hussein El-Subbagh, Penicillamine: Physical Profile. *Profiles of Drug Substances, Excipients and Related Methodology, Volume 32, 2005, Pages 119-130*.
28. **Abdulrahman Al-Majed**, Fathallah Belal and Saeed Julkhuf, Penicillamine: Analytical Profile *Profiles of Drug Substances, Excipients and Related Methodology, Volume 32, 2005, Pages 131-148*.
29. **Abdulrahman Al-Majed**, Fathallah **Belal** and Saeed Julkhuf, Penicillamine: Adsorption, Distribution, Metabolism, and Elimination Profile *Profiles of Drug Substances, Excipients and Related Methodology, Volume 32, 2005, Pages 149-152*.
30. **Abdulrahman A. Al-Majed**, "A derivative Reagent for Vigabatrin and Gabapentin in HPLC with fluorescence Detection." *Journal of Liquid Chromatography & Related Technologies*, **28**, 3119-3129 (2005).
31. **A. Al-Majed**, F. Belal, N. Y. Khalil and K. E. E. Ibrahim, "A stability-Indicating HPLC Method for the Determination of Methicillin in Vials and Biological Fluids with Fluorescence Detection." *Journal of Liquid Chromatography & Related Technologies*, **28**, 1737-1750 (2005).
32. "Generic Simple Enzyme Immunoassay Approach to Avert Small Molecule Immobilization Problems on Solid Phases. Application to the Determination of Tobramycin in Serum", *Talanta*, **72**, 1322-1328 (2007).
Ibrahim A. Darwish, Ashraf M. Mahmoud, Abdel-rahman A. Al-Majed,
33. M. Hefnawy, **A. Al-Majed**, "Natural Phenolic Compounds" *Encyclopedia of Chromatography*.
34. A new method for the determination of some Aminoglycoside Antibiotics by HPLC using 7-fluoro-4-nitrobenz-2-oxa-1,3-diazole (NBD-F) as a Fluorogenic Precolumn Label"
Abdulrahman A. Al-Majed.

35) A direct HPLC method for the resolution and quantitation of the R-(-)- and S-(+)-enantiomers of vigabatrin in pharmaceutical products using teicoplanin aglycone chiral stationary phase and UV detection.

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Underway Research Projects:

1. Research Project from King Abdulaziz City for Science and Technology (KACST) entitled: "Adverse Reactions Study of Enantiomers of Some Important Anti-hypertensive Drugs Using Chromatographic Methods."
2. Research Project from Research Center, College of Pharmacy, King Saud University, Riyadh, entitled: "A new method for the determination of some Aminoglycoside Antibiotics by HPLC using 7-fluoro-4-nitrobenz-2-oxa-1,3-diazole (NBD-F) as a Fluorogenic Precolumn Label."
3. Research Project from Research Center, College of Pharmacy, King Saud University, Riyadh, entitled: "High Performance Liquid Chromatography analysis of Vigabatrin enantiomers By Pre-column Derivatization Using Chiral Stationary Phase With Fluorescence Detection."

Teaching Courses:

Teaching B.Sc. and M.Sc. Degrees Courses

PHC Code	Description	Credit Hours	Teaching Stages
PHC 261	Pharmaceutical Analytical Chemistry-1	5	B.Sc.
PHC 262	Pharmaceutical Analytical Chemistry-2	5	B.Sc.
PHC 461	Instrumental Analysis	3	B.Sc.
PHC 524	Spectrophotometric Method in Drug Analysis	3	M.Sc.
PHC 526	Special Courses in Pharmaceutical Analysis	2	M.Sc.
PHC 527	Pharmacokinetics for Drug Analysis	3	M.Sc.
PHC 591	Pharmaceutical Reference	1	M.Sc.
PHC 592	Seminar	1	M.Sc.

Supervision on Master Degree Theses for the following:

1. Mr. Riyadh Al-Shaba'an, Master Degree Student, thesis entitled: "Degradation kinetics and stability indicating studies for nicardipine hydrochloride." Discussion was held in the Second Semester 1999-2000.
2. Mr. Hamoud Al-Malaq, Master Degree Student, thesis entitled: "Analytical Study of Some Phenolic compounds of Pharmaceutical Interest." Discussion was held in the First Semester 2000-2001.
3. Ms. Mona Alshari, Master Degree Student, thesis entitled: "Metabolic study on α ,N-Disubstituted Phenylethylamine derivatives." Discussion was held in the Second Semester 2000-2001.
4. Mr. Saeed Al-Qhatani, Master Degree Student, thesis entitled: "A contribution to the Analysis of Some 1,4-Dihydropyridine Calcium Channel Blockers."
5. Mr. Mohammed Al-Thanian, thesis entitled: "Use of fluorogenic reagents for the analysis of some ACE inhibitors." Discussion was held in the First Semester 2004-2005.

Member of Discussion Committee in the Master Degree Theses for the following:

1. Mr. Ibrahim Al-Zaq, thesis entitled: "A contribution to the analysis of some angiotensin-converting enzyme (ACE) inhibition." Discussion was held in the College of Pharmacy, King Saud University in the First Semester 2000-2001.
2. Mr. Sa'ad Al-Qarani, thesis entitled: "High performance liquid chromatography of Cannabis Stiva L." Discussion was held at College of Science, King Saud University in the First Semester 1998-1999.
3. Ms. Maha Al-Nowaiser, thesis entitled: "Determination of some organic contents of some dates palm cultivars by chromatographic methods." Discussion was held at Girls College of Education, Riyadh in 2003-2004.
4. Mr. Abdulrahman M.A. Al-Dabbakh, thesis entitled: "Application of electrogenerated chemiluminescence on the determination of some compounds of pharmaceutical use by flow injection analysis." Discussion was held at College of Science, King Saud University in the Second Semester 2003-2004.
5. Mr. Mohammed M. Al-Barati, thesis entitled: "Determination of some Derivative 1,4-Dihydropyridine Calcium Channel Blockers Using Merging Zone-Flow Injection and Chemiluminescence." Discussion was held in the Second Semester 2006-2007.

Participation in Print Media:

- Columns of two pages were contributed in the monthly Magazine *Alasra (Family)* regarding health for the following subjects:

- Optimal use of medicines
- Aspirin
- Drug and Pregnancy
- Drug and Nursing
- Antibiotics
- Drug Dosage
- Hypertension and the Treatment
- Diabetes and Treatment
- Antipyretic Drugs
- Banned Drugs in Pregnancy
- Peptic and duodenal ulcer and Treatment
- Asthma and Treatment

- Writing one Chapter of the documentary book to mark the 50th anniversary of the founding of King Saud University concerning College Health Sciences

Refereeing of Research Articles:

For the Journal of Pharmaceutical and Biomedical Analysis

1. "A comparison of matrix resolution, ratio spectra derivative method and high performance liquid chromatography for the simultaneous determination of thiamine hydrochloride and pyridoxine hydrochloride in a vitamin mixture," Erdal Dinc, Gamze Kokdil and Feyyaz Onur.

2. "Assay of Terfenadine in Pharmaceutical Formulation and Human Plasma by Adsorptive Stripping Voltammetry," Hassanein and Amany Tawfik.

For Spectroscopic Letters Journal

"Spectrofluorimetric determination of fluoroquinolones in pharmaceutical preparations."

For the Saudi Pharmaceutical Journal

1. "Determination of budesonide by visible spectrophotometry," Seshagiri V. M. Mohan Rao, Tadi R. S. Reddy, Isukapatla N Rao and Chilukuri S. P. Sastry.
2. "Validation of the spectrophotometric determination of omeprazole and pantoprazole sodium via their metal chelates."
3. "Propranolol hydrochloride-selective electrode membrane and its pharmaceutical applications."
4. "Stability-Indicating High Performance Liquid Chromatographic Method for Determination of Simvastatin in Tablets."
5. "Determination of etoricoxib by LC in pharmaceutical formulations."
6. "Applications of 4-amino-5-hydrazino-4H[1,2,4] triazole-3-thiol in drug analysis."
7. "Rapid Spectrophotometric and Spectrofluorometric Determination of N-Acetylcystein in Bulk and in Pharmaceutical Formulations."
8. "Derivative of spectrofluorometric method for the estimation of nebivolol in tablets and human serum."
9. "Spectrophotometric and Spectrofluorimetric Determination of N-Acetylcystein in Bulk and in Pharmaceutical Formulations."
10. "Comparative Assay of Diphenhydramine Hydrochloride and its Dosage Form Using Colorimetry Uv-Spectroscopy, Potentiometric Titration and Aqueous Acid – Base Titration."
11. "Spectrophotometric and Titrimetric methods for the determination of Nardiazepam."
12. "Determination of Etoricoxib by LC Pharmaceutical Formulations."
13. "Applications of 4-Amino-5-hydrazino-4H[1,2,4]=triazole-3-thiol in Drug analysis."
14. "Development of spectrofluorimetric method for the estimation of nebivolol in tablets and human serum."

15. "Analysis of Chloroquine Phosphate by Derivative UV-Spectrophotometry."
16. "Determination of Mefenamic Acid and Two Preservatives in Suspension by High Performance Liquid Chromatography."
17. "Optimized and Validated Spectrophotometric Method for the Determination of Lisinopril in Pharmaceutical Formulations."
18. "Determination of Mefenamic Acid and Two Preservatives in Suspension by High Performance Liquid Chromatography."
19. "Stability-Indicating High Performance Liquid Chromatography Assay of Colchicine".
20. "Development and Validation of a HPLC Method For Determination of Tiotropium Bromide Monohydrate In Metered Dose Inhaler"
21. "Sensitive Spectrophotometric Method For The Determination of Griseofulvin in Pharmaceutical formulation"

For Talanta

"Flow Injection Spectrophotometric Determination of Terfenadine by Charge Transfer Reactions"

Refereed the following Research Article Received from College of Science, King Saud University, Riyadh entitled:

"Determination of *p*-aminobenzoic acid and methyl *p*-hydroxybenzoate In sunscreens by High-performance Liquid chromatography"

Refereed the following book Received from College of Science, King Saud University, Riyadh entitled:

"Chemical Analysis, Practical experiments in qualitative Analysis" by Dr. Abdulrahman Al-Orthan and Dr. Sarah Al-Adli, College of Science *King Saud University*.