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**CURRICULUM VITAE OF**

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**ACADEMIC QUALIFICATIONS**

Ph.D., PhD degree in Pharmaceutical Chemistry. King Saud University, 2009

M. Pharm., Master Degree in Pharmaceutical Chemistry,KSU, 2002

B. Pharm., Bachelor' Degree in Pharmaceutical Sciences, 1992

**CURRENT POSITIONS**

Associate professor.Pharm.Chem. Dept

**PREVIOUS POSITIONS HELD**

AS Vice Dean: KSU Deanship of Libraries Affairs 2009-2011.

Teaching at the Pharmaceutical Chemistry Department, School of Pharmacy, as assistant professor 2009 till now.

Teaching at the Pharmaceutical Chemistry Department, School of Pharmacy, as lecturer 2006-2009.

Teaching at the Pharmaceutical Chemistry Department, School of Pharmacy, as teaching assistant. This included teaching practical laboratory courses for

undergraduate pharmacy students 1992-2006

Conference Proceedings

1. The 2nd Annual Forum University Teaching learning outcomes assessment,KSU,Riyadh 9-12,2013
2. Third international conference of e-learning and distance learning 4-7 feb 2013,Riyadh,
3. “Validated stability indicating capillary electrophoresis method for the separation and determination of fixed dose combination of carvedilol and hydrochlorothiazide in tablets”. **Nourah Z.Alzoman**, Maha A. Sultan, Hadir M. Maher, Mona M. Alshehree, Ileana V. Olah. .*Pittcon Conference, March 11-15,* ***2012, Orlando, Florida, USA***
4. “Current analysis of multicomponent antimigraine formulations containing caffeine, ergotaminr, paracetamol and domperidone or metoclopramide by capillary electrophoresis”. Maha A. Sultan, Hadir M. Maher, **Nourah Z.Alzoman**, Mona M. Alshehree, Mohamed S. Rizk , Mona S. Elshahed,Ileana V. Olah. *6th International symposium on the separation and characterization of natural and synthetic macromolecules,* *February 6-8,* ***2013, Dresden, Germany***.
5. Simultaneous Determination Poly Pill combination containing Lisinopril, Hydrochlorothiazide, Aspirin and Atorvastatin using capillary electrophoresis with diode of a array detector . **Nourah Z. Alzoman**, Mona M. Alshehri, Maha A. Sultan, Hadir M. Maher, Ileana V. Olah and Ibrahim A. Darwish. Separation Science 2012 in **Kuala Lumpur (27-28 June)2012**.
6. A validated reverse phase LC Method for the simultaneous estimation of Fexofanadine HCl and Pseudoephedrine HCl in pharmaceutical dosage form using a monolithic silica column4th International Conference on Drug Discovery & Therapy' **held in Dubai, UAE from February 12th  to 15th, 2012**.

5. The 6th Saudi Pharmaceutical International Conference, Riyadh, Saudi

Arabia. Oct., 6 - 9, 2003.

6. The 9th International Pharmaceutical Sciences Conference & Exhibition,

Riyadh, Saudi Arabia. Dec., 17-21, 2005.

7. The 7th International Saudi Pharmaceutical Conference, Al-Fasialia

Hotel, Riyadh, Saudi Arabia. March 19-21, 2007.

**PUBLICATIONS (27)**

## 1- Nourah Z. Alzoman, Ibrahim A. Darwish & Reem M. Abuhejail.A HIGHLY SENSITIVE Polyclonal Antibody –Based elisa for therapeutic monitoring and pharmacokinetic studies of lenalidomide. Journal of Immunoassay and Immunochemistry [Volume 35](http://www.tandfonline.com/loi/ljii20?open=35#vol_35), [Issue 2](http://www.tandfonline.com/toc/ljii20/35/2), 2014 .

2- [Ibrahim A. Darwish](http://www.sciencedirect.com/science/article/pii/S1386142514006726), [Jamilah M. Alshehri](http://www.sciencedirect.com/science/article/pii/S1386142514006726), [Nourah Z. Alzoman](http://www.sciencedirect.com/science/article/pii/S1386142514006726), [Nasr Y. Khalil](http://www.sciencedirect.com/science/article/pii/S1386142514006726), [Hamdy M. Abdel-Rahman](http://www.sciencedirect.com/science/article/pii/S1386142514006726), Charge-transfer reaction of 1,4-benzoquinone with crizotinib: Spectrophotometric study, computational molecular modeling and use in development of microwell assay for crizotinib. [Spectrochimica Acta Part A: Molecular and](http://www.sciencedirect.com/science/journal/13861425) [Biomolecular Spectroscopy](http://www.sciencedirect.com/science/journal/13861425)[Volume 131](http://www.sciencedirect.com/science/journal/13861425/131/supp/C), 15 October 2014, Pages 347–354.

3- Hadir M. Maher, Shorog M. Al-Taweel, Mona M. Alshehri **andNourah Z. Alzoman1**Novel Stereoselective High-Performance Liquid Chromatographic Method for Simultaneous Determination of Guaifenesin and Ketorolac Enantiomers in Human Plasma. Chirality .[Volume 26, Issue 10,](http://onlinelibrary.wiley.com/doi/10.1002/chir.v26.10/issuetoc) pages 629–639, October 2014.

4- Nourah Z. Alzoman, Hadir M. Maher, Mona M. Alshehri,Tanveer A. Wani and Ibrahim A. Darwish .Development of New 96-Microwell-Based Spectrophotometric Assay with High-Throughput and its Application in Pharmaceutical Quality Control of Varenicline.

World Applied Sciences Journal 31 (1): 104-112, 2014.

5- Mona AlShehri, Ibrahim Darwish, Maha Sultan, Hadir Maher & Nourah Alzoman .DETERMINATION OF CINACALCET HYDROCHLORIDE BY CAPILLARY ELECTROPHORESIS WITH PHOTODIODE ARRAY DETECTION. Instrumentation Science & Technology [Volume 42](http://www.tandfonline.com/loi/list20?open=42#vol_42), [Issue 1](http://www.tandfonline.com/toc/list20/42/1), 2014 .pages 27-37.

6- [Nourah Z. Alzoman](http://www.sciencedirect.com/science/article/pii/S1319016414000589), [Jamilah M. Alshehri](http://www.sciencedirect.com/science/article/pii/S1319016414000589), [Ibrahim A. Darwish](http://www.sciencedirect.com/science/article/pii/S1319016414000589), [Nasr Y. Khalil](http://www.sciencedirect.com/science/article/pii/S1319016414000589)[b](http://www.sciencedirect.com/science/article/pii/S1319016414000589#af010), [Hamdy M. Abdel-Rahman](http://www.sciencedirect.com/science/article/pii/S1319016414000589).Charge–transfer reaction of 2,3-dichloro-1,4-naphthoquinone with crizotinib: Spectrophotometric study, computational molecular modeling and use in development of microwell assay for crizotinib . [Saudi Pharmaceutical Journal](http://www.sciencedirect.com/science/journal/13190164). Available online 14 June 2014.

7-[Ibrahim A. Darwish](http://link.springer.com/search?facet-author=%22Ibrahim+A.+Darwish%22), [Jamilah M. Alshehri](http://link.springer.com/search?facet-author=%22Jamilah+M.+Alshehri%22), [Nourah Z. Alzoman](http://link.springer.com/search?facet-author=%22Nourah+Z.+Alzoman%22), [Nasr Y. Khalil](http://link.springer.com/search?facet-author=%22Nasr+Y.+Khalil%22), [Hamdy M. Abdel-Rahman](http://link.springer.com/search?facet-author=%22Hamdy+M.+Abdel-Rahman%22) .Charge-Transfer Reaction of Chloranilic Acid with Crizotinib: Spectrophotometric Study, Computational Modeling and Use in Development of Microwell Assay for Crizotinib. [Journal of Solution Chemistry](http://link.springer.com/journal/10953) July 2014, Volume 43, [Issue 7](http://link.springer.com/journal/10953/43/7/page/1), pp 1282-1295 .

### 8-[N. Z. Alzoman](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Alzoman,%20N.Z.), [A. A. El-Emam](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=El-Emam,%20A.A.), [H. A. Ghabbour](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Ghabbour,%20H.A.), [C. S. Chidan Kumar](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Chidan%20Kumar,%20C.S.) and [H.-K. Fun](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Fun,%20H.-K.).Crystal structure of 2-(adamantan-1-yl)-5-(4-bromo­phen­yl)-1,3,4-oxa­diazole.Acta Crystallographica Section E .Structure Reports Online.Volume 70, Part 12 (December 2014).

*9-* NOURAH Z. AL-ZOMAN, MOHAMED M. HEFNAWY, ABDUL-RAHMAN A. AL-MAJED, AMER M. ALANAZI ,GAMAL A. MOSTAFA\*. CHIRAL STABILITY-INDICATING HPLC METHOD FOR ANALYSIS OF DONEPEZIL IN PHARMACEUTICAL FORMULATIONS. Digest Journal of Nanomaterials and Biostructures. Vol. 8, No. 2, April - June 2013, p. 825 – 834.

10- M.M. ALSHEHRIa, I.A. DARWISHb, M.G. KASSEMb, H.M. MAHER,

N.Z. ALZOMAN. DEVELOPMENT OF NOVEL MICROWELL-PLATE

SPECTROPHOTOMETRIC ASSAY FOR DETERMINATION OF VARENICLINEVIA ITS REACTION WITH CYCLOHEXA-3,5-DIENE-1,2-DIONE.Digest Journal of Nanomaterials and Biostructures Vol. 9, No. 2, April - June 2014, p. 641 – 651.

11-Micellar electrokinetic capillary chromatographic determination of a polypill combination containing, lisinopril, hydrochlorothiazide, aspirin, and atorvastatin. **Nourah Z. Alzoman**, Mona M. Alshehri, Maha A. Sultan, Hadir M. Maher, Ileana V. Olah and Ibrahim A. Darwish, ***Anal. Methods***, 2013, 5(5)1238-1244.  
**DOI:**10.1039/C2AY26301G,

12-Analytical study for the charge-transfer of rosuvastatin calcium with pi-acceptors.**Nourh Z Alzoman**, Maha A Sultan, Hadir M Maher, Mona M Alshehri, Tanveer A Wani and Ibrahim A Darwish, *Molecules* **2013**, *18*, 7711-7725; doi:10.3390/molecules18077711

13-Synthesis of hapten and preparation of specific polyclonal antibody with high affinity for lenalidomide, the potent drug for treatment of multiple myeloma.

[Darwish IA](http://www.ncbi.nlm.nih.gov/pubmed?term=Darwish%20IA%5BAuthor%5D&cauthor=true&cauthor_uid=23101764), **[Alzoman NZ](http://www.ncbi.nlm.nih.gov/pubmed?term=Alzoman%20NZ%5BAuthor%5D&cauthor=true&cauthor_uid=23101764)**, [Abuhejail RM](http://www.ncbi.nlm.nih.gov/pubmed?term=Abuhejail%20RM%5BAuthor%5D&cauthor=true&cauthor_uid=23101764), [El-Samani TE](http://www.ncbi.nlm.nih.gov/pubmed?term=El-Samani%20TE%5BAuthor%5D&cauthor=true&cauthor_uid=23101764). [Chem Cent J.](http://www.ncbi.nlm.nih.gov/pubmed/23101764) 2012, 6(1):125.

14-Current analysis of multicomponent antimigraine formulations containing caffeine, ergotamine, paracetamol and dompridone or metoclopramide by capillary electrophoresis: Quantitative application to polypill quaternary mixtures). Maha A. Sultan, Hadir M. Maher, **Nourah Z.Alzoman**, Mona M. Alshehree, Mohamed S. Rizk , Mona S. Elshahed,Ileana V. Olah. ***Journal of Chromatographic Sciences***.2012(1-9) DOI:10.1093/chromsci/bms175

15-A highly sensitive Fluorimetric method for determination of lenalidomide in its bulk form and capsules via Derivatization with Fluorescamine.  
 Darwish A Ibrahim, Khalil Y Nasr, Bakheit H Ahmed, **Alzoman Z Nourh**,  
Chemistry Central Journal 2012, **6**:118 doi:10.1186/1752-153X-6-118.

16-Validated stability indicating capillary electrophoresis method for the separation and determination of fixed dose combination of carvedilol and hydrochlorothiazide in tablets. **Al-Zoman, N.Z**., M.A. Sultan, H.M. Maher, M.M. AlShehri and I.V. Olah, Accepted for publication in ***Journal of AOAC*** Volume 96, Number 5, September-October 2013, pp. 951-959(9)

17-Artificial neural network modeling of the electrophoretic mobility of dexamethasone and two additives in micellar electrokinetic capillary chromatography). Hadir M. Maher, **Nourah Z.Alzoman**, Mona M. Alshehree, Haya Aljohar,Ileana V. Olah, Maha A. Sultan. ***Analytical Methods***.2013,5(8) 1983-1990.

18-Stability-indicating capillary electrophoresis method with photodiode array detector for determination of lenalidomide in pharmaceutical preparartion) Mona M. Alshehria, Hadir M. Maher**,** **Nourh Z.Alzoman** , Maha A. Sultan, Ibrahim A.Darwish. Accepted for publication in ***Digest journal of nanomaterials and biostructures.***2012,4(7)2755-2787

19-A Validated Reverse Phase LC Method for the Simultaneous Estimation of Fexofenadine HCl and Pseudoephedrine HCl in Pharmaceutical Dosage form Using a Monolithic Silica Column **. Nourah Z. Alzoman**, Mohamed Hefnawy, Maha A. Sultan, Hadir M. Maher, Mona M. AlShehri and Ileana V. Olah .**Asian Journal of Chemistry***; Vol. 24, No. 11 (2012), 5073-5078***.**

20-New 96-Microwell-based Spectrophotometric Assay with High-throughput for Determination of Lenalidomide in Capsules: the New Potent Drug for Treatment of Multiple Myeloma. Nourah Z. Alzoman1, Maha A. Sultan2, Hadir M. Maher1,3, Mona M. Alshehri1, Manal A.El-Gendy1, Tanveer A. Wani1, Ibrahim A. Darwish1,[LATIN AMERICAN JOURNAL OF PHARMACY](http://www.researchgate.net/journal/0326-2383_LATIN_AMERICAN_JOURNAL_OF_PHARMACY) (Impact Factor: 0.24). 01/2014; 33(1):56-64

21-Stereoselective HPLC analysis of tertatolol in rat plasma using macrocyclic antibiotic chiral stationary phase. Hefnawy MM, Asiri YA, **Al-Zoman NZ**, Mostafa GA, Aboul-Enein HY**. Chirality**. 2011 Apr;23(4):333-8.

22-Pharmacokinetic Development of a Sensitive and Stereoselective HPLC Method for the Analysis of Pindolol in Plasma and Pharmaceutical Products Using a Chiralpak IB Column and Fluorescence Detection. Mohamed HEFNAWY , Mohamed KASSEM, Haba ABDINE, **Nourah** **AL-ZOMAN**. **Sci Pharm**. 2009; 77: 47–66.

23-High performance liquid chromatographic Method for the Simultaneous Determination of Labetalol  and Hydrochlorothiazide in Tablets and Spiked Human Plasma.M.sultan*.*H.Abdin, **N.Zoman** and F.Belal,**Sci.pharm**. 72,143-155(2004)**.**

24-Simple Spectrophotometric Determination of Cinnarizine in its Dosage forms *.H.Abdine ,F.Belal ,****N.Zoman*** *,****IL Farmaco*** *000(2002)*.

25-Voltammetric Determination of Nilvadipine in Dosage Forms and Spiked Human Urine , *F. Belal , H.Abdine and* ***N .Zoman*** *.****J.Pharm.Biomed .Ana****,26(2001) 585-592 .*

26-Anodic Polarographic Determination of Nilvadipine in Dosage Forms and Spiked Human Urine . *F .Belal, H .Abdine and* ***N.Zoman*** *.****Mikrochim .Acta****.*

140(2002)21

27-Stability Study of Nilvadipine in Bulk Drug and Pharmaceutical Capsules By High Performance Liquid Chromatography .*H.Abdine ,F.Belal , E.A.Gadkariem ,and* ***N.Zoman*** *.****J.Liq. Chrom.&Rel. Techno*** *, 24 (20), 3213 – 3225 (2001*).