

## **CURRICULUM VITAE**

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### **Education**

9/2002-6/2008	Doctor of Pharmacy (Pharm.D.) Jordan University of Science and Technology Jordan
8/2009-8/2013	Doctor of Philosophy (Ph.D.) University of Georgia USA

### **Professional Positions**

6/2008-9/2008: **Staff Pharmacist, Pharmacy One Group, Jordan.**  
9/2008-7/2009: **Teaching and Research Assistant, College of Pharmacy-  
Jordan University of Science and Technology, Jordan.**  
8/2009-8/2013: **Graduate student, Program in Clinical and Experimental  
Therapeutics, College of Pharmacy, UGA.**  
8/2010-8/2013: **Co-Preceptor, Neurology Rotation, College of Pharmacy,  
UGA.**  
8/2013-present: **Assistant Professor, Clinical Pharmacy Department, College  
of Pharmacy-Jordan University of Science and Technology, Jordan.**

### **Memberships**

**Phi kappa Phi Honor Society**  
**Jordan Pharmacists Association (JPA)**  
**American College of Clinical Pharmacy (ACCP)**

## Awards/Honors

- 2003-2008: **Deans' Honor List (College of Pharmacy- Jordan University of Science and Technology- Jordan).**
- 2008: **Graduated First in Class with Excellence and Honor Notion.**
- 2008: **Appreciation Letter (Japan International Cooperation Agency).**
- 2009-2013: **Predoctoral Fellowship (Jordan University of Science and Technology-Jordan).**
- 2011: **M. Kelli Jordan Travel Award.** The pharmacokinetics/pharmacodynamic PRN. ACCP's 2011 annual meeting; Pittsburgh-USA.
- 2011: **First runner up in the best fellow/resident poster presentation.** ACCP's 2011 annual meeting; Pittsburgh-USA.
- 2012: **Second place in the best student poster presentation.** VA research week; Augusta-USA.
- 2012: **Finalist in the best fellow/resident poster presentation.** ACCP's 2012 annual meeting; Hollywood -USA.

## Abstracts

1. **Alhusban A, Fouda A, Pillai B, Ergul A, Fagan SC. BDNF knockdown abrogates AT1 blockade induced improvement in stroke outcome** (Oral talk in the International Stroke Conference-2014); San Diego-USA
2. **Ahmed Alhusban, Anna Kozak, Tauheed Ishrat, Bindu Pillai, Susan C. Fagan. The vasculo-protective effect of candesartan after ischemic stroke: an Antioxidant.** ACCP's 2012 annual meeting (**Finalist**); Hollywood-USA.
3. Abdelrahman Y. Fouda , Anna Kozak, **Ahmed Alhusban**, Jeffrey Switzer, and Susan C. Fagan. **Utility of Serum cytokines as biomarkers for brain injury in translational research.** ACCP's 2012 annual meeting; Hollywood-USA

4. **Ahmed Alhusban**, Anna Kozak, Susan C.Fagan. **AT1 receptor antagonism modulates the angiogenic response of endothelial cells to angiotensin II: BDNF a novel mediator**. Gordon Research Conference (angiotensin)-2012; Ventura-USA.
5. **Ahmed Alhusban**, Anna Kozak, Susan C.Fagan. **Vascular Protection with Candesartan: Beyond Blood Pressure Reduction**. ACCP's 2011 annual meeting (**Finalist**); Pittsburgh-USA.
6. **Ahmed Alhusban**, Ahmad Al-Azayzih, Diana Houn, Susan C. Fagan, Somanath P.R. Shenoy. **Candesartan for Prostate Cancer: A Dose or a Class Effect?** ACCP's 2011 annual meeting; Pittsburgh-USA.
7. Ahmad Al-Azayzih, **Ahmed Alhusban**, Diana Houn, Susan C. Fagan, Somanath P.R. Shenoy. **Angiotensin Receptor Blockers Enhances Prostate Cancer Cell Functions In Vitro**. CDD- University of Georgia-2011.
8. **Ahmed Alhusban**, Weihua Guan, Anna kozak, Susan Fagan. **Angiotensin II Affects the Ability of Endothelial Cells to Secrete BDNF: Implication in Stroke**. Graduate Research Day- Medical College of Georgia-2011.
9. **Ahmed Alhusban**, Weihua Guan, Anna Kozak, Kenneth Behen, Susan Fagan. **Effects of Subhypotensive Doses of Candesartan after Experimental Ischemia**. Graduate Research Day- Medical College of Georgia-2009.
10. **Ahmed Alhusban**, Diana Houn, Mrunal Chaudhary, Susan C. Fagan, and Somanath Shenoy. **Dose-Dependent, Differential Effects of Candesartan on Prostate Cancer Cells**. Sothern Translational Education and Research Conference (STaR). September-2010.

## **Publications**

1. **Alhusban A**, Fagan SC. Secondary prevention of stroke in the elderly: a review of the evidence. *Am J GeriatrPharmacother*. 2011 Jun;9(3):143-52.
2. Guan W, Somanath PR, Kozak A, Goc A, El-Remessy AB, Ergul A, Johnson MH, **Alhusban A**, Soliman S, Fagan SC. Vascular protection by angiotensin receptor antagonism involves differential VEGF expression in both hemispheres after experimental stroke. *PLoS One*. 2011;6(9):e24551.

3. Ergul A, **Alhusban A**, Fagan SC.4. Angiogenesis: a harmonized target for recovery after stroke. *Stroke*. 2012 Aug;43(8):2270-4.
4. Mohamed IN, Soliman SA, **Alhusban A**, Matragoon S, Pillai BA, Elmarkaby AA, El-Remessy AB. Diabetes exacerbates retinal oxidative stress, inflammation, and microvascular degeneration in spontaneously hypertensive rats.Mol Vis. 2012;18:1457-66.
5. **Alhusban A**, Kozak A, Ergul A, Fagan SC.AT1 receptor antagonism is proangiogenic in the brain: BDNF a novel mediator.*J Pharmacol Exp Ther*. 2013 Feb; 344(2):348-59.
6. Fouda A, Kozak A, **Alhusban A**, Switzer JA, Fagan SC Anti-inflammatory IL-10 is upregulated in both hemispheres after experimental ischemic stroke: Hypertension blunts the response. *Exp Transl Stroke Med*. 2013 Nov 13;5(1):12.
7. **Alhusban A**, Al-Azayzih, Goc A, Fagan SC, and Somanath PR. Clinically relevant dose of candesartan inhibits growth of prostate tumor xenograft in vivo through the modulation of tumor angiogenesis. *J Pharmacol Exp Ther*. 2014 Sep;350(3):635-45.
8. Ishrat T, Kozak A, **Alhusban A**, Pillai B, Johnson MH, El-Remessy AB, Ergul A, Fagan SC. Role of matrix metalloproteinase activity in the neurovascular protective effects of Angiotensin antagonism. *Stroke Res Treat*. 2014;2014:560491.
9. **Alhusban A**, Fouda AY, Bindu Pillai, Ishrat T, Soliman S, Fagan SC. Compound 21 is pro-angiogenic in the brain and results in sustained recovery after ischemic stroke. *J Hypertens*. 2014 Oct 8.
10. Fouda AY, **Alhusban A**, Ishrat T, Pillai B, Eldahshan W, Waller JL, Ergul A, Fagan SC. Brain-Derived Neurotrophic Factor Knockdown Blocks the Angiogenic and Protective Effects of Angiotensin Modulation After Experimental Stroke. *Mol Neurobiol*. 2016 Jan 12
11. **Alhusban A**, Kozak A, Eldashan W, Ergul A, Fagan SC. Artery reopening is required for the neurorestorative effects of angiotensin modulation after experimental stroke. *Exp Transl Stroke Med*. 2016;8:4.