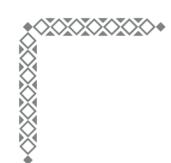# Faculty Portofolio

Abdullah Assiri, PharmD, PhD
Assistant professor of clinical pharmacy
College of Pharmacy
King Khalid University
aalabdullah@kku.edu.sa
+966552199850

Education:

Year of Graduation	Qualifications (Specializations if any)	University/College, Country
2019	**Doctor of Philosophy in Pharmacy Practice**	Purdue University, USA
2014	**PGY1 Residency**	University of North Carolina, USA
2013	**Doctor of Pharmacy**	MCPHS University, USA
2007	**Bachelor of Pharmaceutical Science**	King Khalid University, SA

Professional experience:

Year	Positions	University/College, Country
December 2019 – Present	**Director of Scientific Journals & Societies Unit at King Khalid University**	King Khalid University, SA
June 2019 – Present	**Assistant professor of Clinical Pharmacy at King Khalid University, School of Pharmacy**	King Khalid University, SA
August 2015 – May 2017	**Clinical pharmacy specialist at cardiovascular reducing risk clinic at the Jane Pauley Community Health Center (JPCHC)**	Jane Pauley Community Health Center, USA
September 2016 – May 2017	**Pharmacy fellow at the precision genomic program at the IU Simon Cancer Center**	Indiana University, USA
July 2013 – June 2014	**Adjunctive instructor at University of North Carolina, Eshelman School of Pharmacy**	University of North Carolina, USA
December 2007 – July 2010	**Lecturer at King Khalid University, School of Pharmacy**	King Khalid University, SA

Academic/research awards:

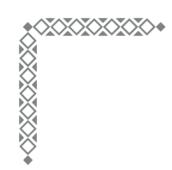| Year/Duration of Award	Name of the Award	University/Company, Country
June -November 2020	**Fast Track Fund- COVID19 Research**	King Khalid University, SA
March 2019	**College of Pharmacy Graduate Travel Award**	Purdue University, USA
March 2018	**ASCPT Travel Award**	American Society for Clinical Pharmacology and Therapeutics (ASCPT) Meeting, USA
August 2018 – July 2019	**The Purdue Research Foundation (PRF) Research Grants**	Purdue University, USA
August 2010 – May 2019	**Saudi Arabia Scholarship**	King Khalid University, SA
January 2017 – December 2018	**KAU Award for Scientific Research**	King Abdulaziz University, SA

Workshops/ Trainings:

Year	Title	University/Company, Country
August 2017	**NONMEM Training Certification**	Indiana Clinical and Translational Science Institute Indiana University, Indianapolis, IN, USA
June 2017	**Biomedical Big Data Science Certificate**	NIH-Funded Boot Camp on "Big Data Training for Translational Omics Research" Purdue University, West Lafayette, IN, USA
January 2014	**Advanced Cardiovascular Life Support (ACLS)**	American Heart Association Certification Program,USA
May 2012	**Certified Immunizer**	American Pharmaceutical Association Pharmacy Immunization Delivery Program, USA
May 2012	**Basic Life Support Certification**	American Heart Association Certification Program, USA

Research interests:
- Clinical and Translational Research (Oncology/Cardiology/Ambulatory Care)
- Clinical and Translational Pharmacogenomic
- Drug-Drug Interaction Related Research

- Pharmacokinetic and Pharmacodynamic Modeling Research

Teaching experience:
- Pharmacotherapy (Oncology/Cardiology/Ambulatory Care)
- Pharmacokinetic and Pharmacodynamic
- Clinical Research Methods
- Clinical Trials
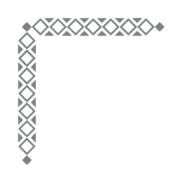- Statistical Methods in Clinical Research

Professional membership:

Year	Name of the professional Body	Role
2010 - 2020	American Society of Health-System Pharmacists	Member
2010 - 2020	American College of Clinical Pharmacy	Member
2014 - 2020	American Society for Clinical Pharmacology and Therapeutics	
2014 - 2020	American Heart Association	

Research grants:

Year/Duration of Grant	Title of the Project	Awarding Body
June -November 2020	Fast Track Fund- COVID19 Research	King Khalid University, SA
August 2018 – July 2019	The Purdue Research Foundation (PRF) Research Grants	Purdue University, USA
January 2017 – December 2018	KAU Award for Scientific Research	King Abdulaziz University, SA

Publications:
1. Tyler Shugg, Nimita Dave, Enoch Amarh, **Abdullah A. Assiri**, Karen E. Pollok, Brian R. Overholser. Letrozole targets the human ether-a-go-go–related gene potassium current in glioblastoma. Basic & Clinical Pharmacology & Toxicology. 11 October 2020. In press.
2. **Abdullah Assiri**, Adeeb Noor. A computational approach to predict multi-pathway drug-drug interactions: A case study of irinotecan, a colon cancer medication. Saudi Pharmaceutical Journal. In press, September 2020
3. Noor A, Ucar MK, Polat K, **Assiri A**, Nour R . A Novel Approach to Ensemble Classifiers: FsBoost-Based Subspace Method. Mathematical Problems In Engineering. 2020(7). DOI: 10.1155/2020/8571712.
4. Noor A, Barnawi A, Nour R, **Assiri A**, El-Beltagy M. Analysis of the Stochastic Population Model with Random Parameters. Entropy. May 2020. 22(4) 562. DOI: 10.3390/e22050562.
5. **Assiri AA**, Mourad N, Shao M, Kiel P, Liu W, Skaar TC, Overholser BR. MicroRNA 362-3p Reduces hERG-related Current and Inhibits Breast Cancer Cells Proliferation. Cancer Genomicd Proteomics. 2019 Nov-Dec; 16(6):433-442.

6. **Assiri A**, Shugg T, Overholser B. Factors contributing to Drug-induced diseases. In: Tisdale JE, Miller DA(eds). Drug-Induced Diseases: Prevention, Detection and Management, 3rded. Bethesda; American Society of Health-System Pharmacists, 2019.
7. **Assiri A**, Overholser B. Sex and Gender Differences- Kinetics and Dynamics. In: O'Connell MB, Smith J(eds). Women's Health Across the Lifespan – A Pharmacotherapeutic Approach, 2nded. Bethesda; American Society of Health-System Pharmacists,2019.
8. Noor A, **Assiri A**, Dumontier M. D3: Drug-Drug Interaction Discovery and Demystification Using Semantic Web Technology. Journal of the American Medical Informatics Association, 24(3), 2017, 556–564
9. **Assiri A**, Al Majzoub O, Silva MA, Donovan JL, Kanaan AO. Prevention of Stroke in Patients with Atrial Fibrillation: A Network Meta-Analysis Comparing Oral Agents. Clinical Therapeutics/Volume 35, Number 7, 2013

Conference attendance/presentations:

1. **Abdullah Assiri**, PharmD, PhD, Elena Tomaselli Muensterman, PharmD, James E. Tisdale, PharmD, Heather A. Jaynes, MSN, Richard J. Kovacs, MD, Kevin M. Sowinski, PharmD, Brian R. Overholser, PharmD. Circulating MicroRNA 362-3p is Associated with Increased Sensitivity to Drug-Induced QT Interval. American Heart Association. Philadelphia, PA. November 15-18, 2019.
2. Kanuri, S**; Assiri, A**; Kreutz, R; Liu, W; Tisdale, J; Overholser, B. Identifying a microRNA Finger Print to Predict QT Prolongation. Clinical Pharmacology & Therapeutics Meeting. Houston, USA. March 17-21, 2019.
3. **Assiri A**, Mourad N, Shao M, Kiel P, Skaar T, Overholser B. MicroRNAs regulation of hERG Channels in Breast Cancer. American Society For Clinical Pharmacology and Therapeutics.Orlando, FL. March 21-24, 2018
4. Muensterman E, **Assiri A**, Quinney S, Overholser B, Tisdale J, Jaynes H, Sowinski K. A Population-Pharmacohinetic Model of Ibutilide in Healthy Volunteers Following Placebo or Progesterone Administration. Graduate Student Research Symposium. College of Pharmacy at Purdue University, West Lafayette, IN. November 1, 2017
5. **Assiri A**, Shao M, Skaar T, Overholser B. MicroRNAs regulation of hERG Channels in Breast Cancer. Graduate Student Research Symposium. College of Pharmacy at Purdue University, West Lafayette, IN. November 8, 2016
6. Noor A, **Assiri A**, Dumontier M. D3: Drug-Drug Interaction Discovery and Demystification Using Semantic Web Technologie. King Abdullah University of science and technology meeting. Jeddah, Saudi Arabia. January 27, 2016
7. **Assiri A**, Al Majzoub O, Silva MA, Donovan JL, Kanaan AO. Prevention of Stroke In Patients With Atrial Fibrillation: A Network Meta-Analysis Comparing Oral Agents. American College of Clinical Pharmacy 2013 Virtual Poster Symposium. May 21–22, 2013
8. Amal Abdulghani*, Nhu Nguyen, **Abdullah Assiri**, Reema Zeineldin. Employing the Inflammatory Environment for Drug Release from Supported Lipid Bilayers on Silica in Ovarian Cancer. First Annual research day. Massachusetts College of Pharmacy and Health Science. Worcester, MA. April 06, 2012