

## Faculty Portfolio

**Dr. Asma Malawi Alshahrani**

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### Education:

Year of Graduation	Qualifications (Specializations if any)	University/College, Country
2016-2019	Saudi Board Certified Cardiology Pharmacist	Saudi Commission for Health Specialties
2013-2016	Master's degree of clinical pharmacy	King Saud University, Riyadh, KSA
2007-2011	Bachelor degree in pharmacy,.	King Khalid University, Abha, KSA

### Professional experience:

Year	Positions	University/College, Country
2022-present	Professor assistant	KKU
2016-2022	Lecturer	KKU
2011-2016	Teaching Assistant	KKU

### Academic/research awards:

Year/Duration of Award	Name of the Award	University/Company, Country
2019	Third place for best poster SIPHA	Si

### Workshops/ Trainings:

Year	Title	University/Company, Country
22-23/10/2023	Strategy of medical education	KKU, KSA
1/2023	Introduction to academic research	Kku, KSA
7/2019	American Board Certified Cardiology Pharmacist	ACCP, USA

### WORK EXPERIENCE:

**Preceptor of Cardiology, clinical rotation**

- Therapeutic 1, collage of pharmacy , KKU
- Therapeutic 4, collage of pharmacy , KKU

**Clinical toxicology**

## Pharmacy orantation Clinical skill

### Drug information, 2012

### Regulation and ethics, 2012

### RESEARCH INTRESTS:

- **Cardiology topic**
- **Ambulatory services**

### PAPER PRESENTATIONS:

- Residency survival guide, virtual medical academy (6/5/2020)
- Oral presentation
- • Heart Failure Prevalence and Risk factor at King Abdul-Aziz Medical City (01/2020)  
Poster presentation, SIPHA, Riyadh
- • Residency Tools, SIPHA 2019 Oral presentation
- • Impact of Pharmacist Led Medication Management in Preadmission Clinic for Adult Cardiac Surgery (01/2019)  
Poster and oral presentation, SIPHA, Jeddah
- • Residency Showcase ,SIPHA (02/2018)
- Representative of residents, Riyadh
- • The 4th Pharmacy Residents Research day (01/2018)  
Organizer, Riyadh
- • Occupational exposure to Anticancer drug, review of effects of new Technology. (04/2016) Oral presentation, 3rd pharmacy symposium and exhibition, Asire

### Publications:

- Al Sulaiman, K., Aljuhani, O., Al Dossari, M., Alshahrani, A., Alharbi, A., Algarni, R., ... & Al Ghamdi, G. (2021). Evaluation of Thiamine as Adjunctive Therapy in COVID-19 Critically Ill Patients: A Multicenter Propensity Score Matched Study.
- Abdel-Mottaleb Y, Ali HS, El-Kherbetawy MK, Elkazzaz AY, ElSayed MH, Elshormilisy A, Eltrawy AH, Abed SY, Alshahrani AM, Hashish AA, Alamri ES, Zaitone SA. Saponin-rich extract of Tribulus terrestris alleviates systemic inflammation and insulin resistance in dietary obese female rats: Impact on adipokine/hormonal disturbances. Biomed Pharmacother. 2022 Mar;147:112639. doi: 10.1016/j.biopha.2022.112639. Epub 2022 Jan 17. PMID: 35051859Molecules, 26
- Alrooqi M, Khan S, Alhumaydhi FA, Asiri SA, Alshamrani M, Mashraqi MM, Alzamami A, Alshahrani AM, Aldahish AA. A Therapeutic Journey of Pyridine-Based Heterocyclic Compounds as Potent Anticancer Agents: A Review (From 2017 to 2021). Anti-cancer agents in medicinal chemistry.
- Rana T, Behl T, Shamsuzzaman M, Singh S, Sharma N, Sehgal A, Alshahrani AM, Aldahish A, Chidambaram K, Dailah HG, Bhatia S. Exploring the role of astrocytic dysfunction and AQP4 in depression. Cellular Signalling. 2022 Aug 1;96:110359.

- Mitra S, Sarker J, Mojumder A, Shibbir TB, Das R, Emran TB, Tallei TE, Nainu F, Alshahrani AM, Chidambaram K, Simal-Gandara J. Genome editing and cancer: How far has research moved forward on CRISPR/Cas9?. *Biomedicine & Pharmacotherapy*. 2022 Jun 1;150:113011.
- Alshahrani , A. M., ALSHAREEF, H., ALANAZI, Z., & ALSAWAQ, E. (2022). Outcomes of Rivaroxaban as Part of Triple Antithrombotic Therapy in Atrial Fibrillation Patients Undergoing Percutaneous Coronary Intervention. *Latin American Journal of Pharmacy*, 41(5).
- Alrooqi, Munira, Sikandar Khan, Fahad A. Alhumaydhi, Saeed A. Asiri, Meshal Alshamrani, Mutaib M. Mashraqi, Ahmad Alzamami, Asma M. Alshahrani, and Afaf A. Aldahish. "A therapeutic journey of pyridine-based heterocyclic compounds as potent anticancer agents: a review (from 2017 to 2021)." *Anti-Cancer Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry-Anti-Cancer Agents)* 22, no. 15 (2022): 2775-2787.
- Majrashi, Taghreed A., Saad Ali Alshehri, Abdulrhman Alsayari, Abdullatif Bin Muhsinah, Mohammad Alrouji, Asma M. Alshahrani, Anas Shamsi, and Akhtar Atiya. "Insight into the Biological Roles and Mechanisms of Phytochemicals in Different Types of Cancer: Targeting Cancer Therapeutics." *Nutrients* 15, no. 7 (2023): 1704.
- . Attia, M.A., Soliman, N., Eladl, M.A., Bilasy, S.E., El-Abaseri, T.B., Ali, H.S., Abbas, F., Ibrahim, D., Osman, N.M., Hashish, A.A. and Alshahrani, A., 2023. Topiramate affords neuroprotection in diabetic neuropathy model via downregulating spinal GFAP/inflammatory burden and improving neurofilament production. *Toxicology Mechanisms and Methods*, pp.1-15.
- Rana, T., Behl, T., Shamsuzzaman, M., Singh, S., Sharma, N., Sehgal, A., Alshahrani, A.M., Aldahish, A., Chidambaram, K., Dailah, H.G. and Bhatia, S., 2022. Exploring the role of astrocytic dysfunction and AQP4 in depression. *Cellular Signalling*, 96, p.110359.
- Prasher P, Fatima R, Sharma M, Tynybekov B, Alshahrani AM, Ateşşahin DA, Sharifi-Rad J, Calina D. Honokiol and its analogues as anticancer compounds: Current mechanistic insights and structure-activity relationship. *Chem Biol Interact*. 2023 Dec 1;386:110747. doi: 10.1016/j.cbi.2023.110747. Epub 2023 Oct 8. PMID: 37816447.

#### **Conference attendance/presentations:**

1. Attended the 3rd Saudi Society of Clinical Pharmacy Annual International Conference, Riyadh, Saudi Arabia (6-9 September 2023)
2. Attended Europe congress of cardiology, Amsterdam, Holland (25-28 August 2023)
3. Attended the 2nd Saudi Society of Clinical Pharmacy Annual International Conference, Riyadh, Saudi Arabia (6-9 September 2022)
4. Attended Europe congress of cardiology, Barcelona, (25-28 August 2022)
5. Attended the first Saudi Society of Clinical Pharmacy Annual International Conference, Riyadh, Saudi Arabia (6-9 September 2021)
6. Presented a poster paper on "heart failure prevalence and risk factor" at "3<sup>rd</sup> Saudi pharmaceutical meeting (SIPH) Conference" held at Riyadh.

7. Presented an oral paper on “Impact of Pharmacist Led Medication Management in Preadmission Clinic for Adult Cardiac Surgery” at “2<sup>nd</sup> Saudi pharmaceutical meeting (SIPH) Conference” held at Riyadh.
8. Presented an oral presentation on “Occupational exposure to anticancer drug, review of effects of new Technology” at “, 3<sup>rd</sup> pharmacy symposium and exhibition” held at Asir.