



رئيس قسم العقاقير سابقاً وأستاذ العقاقير والنواتج الطبيعية المشارك بكلية الصيدلة بجامعة الملك سعود واستشاري العلوم الصيدلانية وطب الأعشاب مصنف ومسجل مهنيًا بالهيئة السعودية للتخصصات الصحية، مؤسس وعضو مجلس إدارة جمعية التوعية الصحية الرقمية، ومستشار وعضو مجلس إدارة مركز أبحاث النباتات الطبية والعطرية والسامة، ورئيس وحدة طب الأعشاب والطب البديل والمشرف العام لحديقة النباتات الطبية بجامعة الملك سعود سابقاً، ومحرر مشارك للمجلة الصيدلانية السعودية ومحرر ضيف لعدة مجلات علمية عالمية كمجلة المتأاضات وعلم النبات الإكلينيكي، مصنف ومسجل مهنيًا كرئيس هيئة تحرير بالهيئة العامة لتنظيم الإعلام، كما يعمل كعضو في اللجنة الاستشارية لجودة المستحضرات الصيدلانية والحيوية المسوقة وعضو في لجنة معايير جودة المستحضرات العشبية في دستور الأدوية

السعودي بالهيئة العامة للغذاء والدواء، بالإضافة لعضويته في اللجنة العلمية للمعالجة بالأعشاب والمعالجة الطبيعية بالمركز الوطني للطب البديل والتكميلي، حاصل على الدكتوراه في العلوم الصيدلانية في تخصص العقاقير والأعشاب من جامعة الميسيسيبي بالولايات المتحدة الأمريكية بمعدل 3.97 من 4 كأول سعودي يتخرج دكتوراه في هذا التخصص من الجامعة منذ إنشائها في عام 1844 م، درس الماجستير في إدارة الصحة والمستشفيات بكلية إدارة الأعمال بجامعة الملك سعود لسنة ونصف بمعدل 4.88 من 5 وانقطع لدراسة الدكتوراه في الولايات المتحدة الأمريكية، درس بكالوريوس الصيدلة في كلية الصيدلة بجامعة الملك سعود، يعمل كعضو اللجنة الإشرافية ومجلس برنامج الماجستير التنفيذي للتشريعات الدوائية، كما عمل مشرفاً للاتفاقيات ومذكرات التفاهم بكلية الصيدلة، كما عمل كأستاذ متعاون مساعد في كلية الصيدلة بجامعة المعرفة، حاصل على عدة شهادات احترافية في القيادة الأكاديمية والصحية وإدارة التغيير والتفاوض الاستراتيجي وإدارة المشاريع، كما عمل كرئيس لمجموعة علماء الصيدلة التابعة للجمعية الصيدلانية السعودية، ويعد شريكاً مؤسساً لمشروع المصحح الصحي، كما عمل بالهيئة العامة للغذاء والدواء بالسعودية، ونشر أكثر من 50 بحثاً علمياً مفهراً عبر شبكة العلوم في مجال الأعشاب والنواتج الطبيعية وتحليل المستحضرات العشبية في المجلات العلمية المرموقة ذات السمعة والتأثير العالي، كما تتركز أبحاثه على كيمياء النبات وتقييم جودة ومأمونية المستحضرات العشبية، بالإضافة إلى إسهاماته في مراجعة العديد من الأبحاث للنشر في المجلات العلمية المحكمة ذات معامل تأثير عال، كما أسهم في تدريس عدة مقررات أكاديمية لطلبة بكالوريوس كلية الصيدلة بجامعة الملك سعود كأساسيات علم النواتج الطبيعية وطب الأعشاب والطب البديل وعلم سموم المنتجات الطبيعية والمستحضرات التجميلية الطبيعية والتدريب الصيدلي الميداني كما أسهم في تدريس طلبة الدراسات العليا في مقررات طرق البحث العلمي وموضوعات مختارة في كيمياء المنتجات الطبيعية ونظام المنتجات العشبية والمكملات الصحية، كما قام بالإشراف على عدة طلاب وتوجيههم في مجال البحث العلمي، وشارك في العديد من اللجان الأكاديمية والعلمية كلجنة بناء الخطة الدراسية واللجنة الدائمة لاستراتيجيات البحث العلمي ولجنة الشؤون التعليمية والأكاديمية ومقرراً للجنة التخطيط الاستراتيجي بقسم العقاقير، كما شارك في العديد من المؤتمرات العلمية المحلية والدولية.

**BIO:****OMER IBRAHIM FANTOUKH, PhD, PMP, RPh**

Dr. Omer Fantoukh is the Ex-Chairman of the Pharmacognosy Department and an Associate Professor of Pharmacognosy and Natural Products at the College of Pharmacy, King Saud University, and a Consultant of Pharmaceutical Sciences in Pharmacognosy and Herbal Medicine, professionally classified and registered in Saudi Commission for Health Specialties (SCFHS). He is a founder and member of the Board of Directors of Digital Health Awareness Society (DHAS) and a member of the Board of Directors, Consultant at Medicinal, Aromatic and Poisonous Plants Research Center (MAPPRC). He is also the Ex-Head of the Herbal and Alternative Medicine Unit and the Ex-Head of Medicinal Plants Garden at King Saud University. He was appointed as an Associate Editor of Saudi Pharmaceutical Journal (IF: 4.562, Q2) and served as Guest and Section Editor for several scientific journals such as Metabolites (IF: 5.581, Q2) and Clinical Phytosceince, and he is classified and registered as Editor-in-Chief by the General Authority for Media Regulation (GAMR). He is a Member of the Scientific Committee for Naturopathy and Herbal Therapy at the National Center for Complementary and Alternative Medicine. He also serves as a member of the Advisory Committee for the Quality of Marketed Pharmaceuticals and Biologics and a member of The Quality Committee for Herbal Products Standards in the Saudi Pharmacopoeia at the Saudi Food and Drug Authority. He was awarded a Ph.D. degree in Pharmaceutical Sciences from University of Mississippi (GPA: 3.97/4.00) as the first Saudi who was awarded a Ph.D. degree in this specialty from the university since its establishment in 1844 AD. He studied Master of Health and Hospital Administration in College of Business at King Saud University for a year and a half (GPA: 4.88/5.00), but he suspended his studies to pursue his Ph.D. dream in the United States. He studied Bachelor of Pharmacy (B. Pharm) at the College of Pharmacy, King Saud University. He works as a member of the board and supervisory committee of the executive master of drug regulatory affairs. He worked as a cooperative assistant professor in the College of Pharmacy at the University of Almaarefa. He has several professional certificates in academic and health leadership, change management, strategic negotiation and project management. He was appointed president of the Pharmaceutical Scientists Group in the Saudi Pharmaceutical Society (@PSG\_SPS). He was a supervisor of Agreements and MoUs at the College of Pharmacy. He is a cofounder of Health Corrector project (@H\_corrector). He worked for the Saudi Food and Drug Authority for a year and a half. He has published over 50 Web of Science indexed scientific articles in the field of herbs, natural products and the analysis of herbal preparations in prestigious, reputable and high-impact factor journals. His research interests center around phytochemistry, safety and quality of herbal products in addition to his contributions to reviewing many research papers for publication in peer-reviewed scientific journals with a high impact factor. He participated in teaching graduate students in courses of scientific research methods, selected topics in the chemistry of natural products and regulation of herbal products and health supplements. He contributed to teaching several academic courses for bachelor's students of the College of Pharmacy at King Saud University, as basics of natural products, herbal and alternative medicine, introductory pharmacy practice experience, herbal toxicology and herbal cosmeceuticals. He supervised and directed a group of students in the field of scientific research. He also participated in many academic and scientific committees such as the study plan building committee, the permanent committee for scientific research strategies, the educational and academic affairs committee, and the chair for the strategic planning committee in the Department of Pharmacognosy. He participated in multiple local and international scientific conferences.



## CURRICULA VITAE (CV): OMER IBRAHIM FANTOUKH, PhD, PMP, RPh

### • Current Occupation:

- Associate professor- Pharmacognosy Department- College of Pharmacy- King Saud University
- Consultant of Pharmaceutical Sciences in Pharmacognosy and Herbal Medicine, professionally classified and registered in Saudi Commission for Health Specialties (SCFHS). Classification No: 11RP0011871
- Associate and RARE experience Editor, Saudi Pharmaceutical Journal
- Editor-in-Chief, professionally classified and registered in General Authority for Media Regulation (GAMR). Classification No: 385511
- Member Board of Directors and cofounder, Digital Health Awareness Society (DHAS)
- Member Board of Directors, consultant, and supervisor of phytochemistry unit in Medicinal, Aromatic, and Poisonous Plants Research Center (MAPPRS)
- Member, the Advisory Committee for the Quality of Marketed Pharmaceuticals and Biologics, Saudi Food and Drug Authority
- Member, the Quality Committee for Herbal Products Standards in the Saudi Pharmacopoeia, Saudi Food and Drug Authority
- Member of the Scientific Committee for Naturopathy and Herbal Therapy at the National Center for Complementary and Alternative Medicine
- Member of the board and the supervisory committee of executive master of drug regulatory affairs
- Cofounder of health corrector project (Twitter @H\_Corrector)

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## EDUCATION

- **Ph.D. in Pharmaceutical Sciences**- University of Mississippi Aug 2014-May 2019 (GPA: 3.97/4.00)
- Dissertation title: Safety Assessment and Chemical Fingerprint Analysis of Medicinal Plants Commonly Consumed as Herbal Teas; Rooibos (*Aspalathus linearis*) and Moringa (*Moringa oleifera*)
- **Master of Health and Hospital Administration**- King Saud University Jan 2012-May 2013 studied for a year and a half (suspended) (GPA: 4.88/5:00)
- **Bachelor of Pharmaceutical Sciences**- King Saud University Sep 2005-Feb 2011

## EXPERIENCES

- **Associate Professor:** Pharmacognosy Department- College of Pharmacy- King Saud University (from 10-16-2023 until now)
- **Associate and RARE experience Editor:** Saudi Pharmaceutical Journal (SPJ) (from 06-12-2022 until now)
- **Chairman of Pharmacognosy Department:** College of Pharmacy- King Saud University (from 02-05-2023 to 11-28-2024)
- **Head of the Herbal and Alternative Medicine Unit:** College of Pharmacy- King Saud University (from 02-05-2023 to 11-28-2024)
- **Head of Medicinal Plants Garden:** College of Pharmacy- King Saud University (from 02-05-2023 to 11-28-2024)
- **Supervisor of MoUs and agreements:** College of pharmacy- King Saud University (from 01-15-2020 to 05-15-2023)
- **Assistant Professor:** Pharmacognosy Department- College of Pharmacy- King Saud University (from 10-02-2019 to 10-15-2023)

- **Adjunct Assistant Professor:** College of Pharmacy- University of Almaarefa (from 08-29-2021 to 12-29-2021)
- **Teaching Assistant:** Pharmacognosy department- college of pharmacy- King Saud University (from 12-18-2012 to 10-02-2019)
- **Pharmacist:** Saudi Food and Drug Authority (from 07-16-2011 to 12-09-2012)
- **Pharmacist:** King Fahad Medical City (from 04-12-2011 to 07-12-2011)
- **Trainee:** Pfizer Company from (07-17-2010 to 08-17-2010)

## RESEARCH INTERESTS

- Extraction, fractionation, isolation, and purification of bioactive secondary metabolites with particular emphasis on anticancer agents and herb-drug interaction assessment
- De Novo structure elucidation and characterization of natural product compounds
- Biosynthetic pathways of chemical classes derived from natural products
- Synthesis of natural product derivatives based on molecular docking studies
- Developing validated analytical methods using the isolated markers and hyphenated UPLC-PDA-MS technique for chemical fingerprinting and standardization of nutraceuticals and herbal supplements

## RESEARCH FUNDS

- Research And analysis of the Nutritional, Scientific, Aromatic, and Toxicological Value of Plants Targeted by the Saudi Green Initiative, National Center for Vegetation Cover Development and Combating Desertification, **SR 500,000 = \$ 133,333** (03-01-2025 to 11-27-2027)
- Ongoing Research Funding Program (ORF), King Saud University, **SR 270,000 = \$ 72,000** (05-25-2025 to 12-31-2025)
- Research Supporting Project (RSP2024R430), King Saud University, **SR 900,000 = \$ 240,000**, (12-25-2023 to 12-25-2024)
- Research Supporting Project (RSP2023R430), King Saud University, **SR 900,000 = \$ 240,000**, (12-25-2022 to 12-25-2023)
- Saudi National Institute of Health (SNIH), The First Rank in Oral Presentation in the 12th College of Pharmacy Research Day (COPRD 12)
- Research Supporting Project (RSP2022R430), King Saud University, **SR 600,000 = \$ 160,000**, (12-23-2021 to 12-24-2022)
- Directed Research Projects, Ministry of Education (MOE), **SR 349,590 = \$ 93,224** (06-23-2022 to 06-23-2023)

## PEER-REVIEWED PUBLICATIONS

1. Hawwal, M. F., Sayyed, N., **Fantoukh, O. I.**, AlHamoud, G. A., Ahmed, S., Alqasoumi, S. I., & Alam, P. (2025). Reviewing Marine Bioactive Compounds from the Red Sea: Advancing Therapeutic Applications While Navigating Translational and Conservation Challenges. *Chemistry & Biodiversity*, 23(1), e02652. <https://doi.org/10.1002/cbdv.202502652>
2. Khan, A., Abdulaziz Al-Hamoud, G., Amina, M., Alam, P., F. Hawwal, M., & **Fantoukh, O. I.** (2025). Role of Herbal Extracts in Modulating Drug Metabolism: Implications for Pharmacokinetics, Enzyme Regulation, and Therapeutic Outcome. *Drug Metabolism Reviews*, 1–28. <https://doi.org/sdl.idm.oclc.org/10.1080/03602532.2025.2603936>
3. Sharma, S., Manchanda, A., Dabral, S., Dar, M., Gupta, N., Rani, S., Goel, K., Chaudhary, R., Bansal, S., Siddiqui, N., **Fantoukh, O.**, Nasir, A., Hawwal, M., Ajiboye, B., Iriti, M. & Gupta, S. (2025). Unlocking the potential of *Trigonella foenum-graecum* L. plant leaf extracts against diabetes-associated hypertension: A proof of concept by in silico studies. *Open Chemistry*, 23(1), 20250193. <https://doi.org/10.1515/chem-2025-0193>

4. Ahmed, S., Calice, U., Scafato, P., Orton, J. B., Bonomo, M. G., Alharbi, H. A., **Fantoukh, O. I.**, Superchi, S., & Al-Rehaily, A. J. (2025). Stereoisomers of Eudesmane Sesquiterpene from *Cleome droserifolia*. *Chirality*, 37(6), e70038. <https://doi.org/10.1002/chir.70038>
5. Mohammed, M. T., Al-Qaisi, T. S., J. Jabbar, A. A., M. Raouf, M. H., Ismail, P. A., Mothana, R. A., **Fantoukh, O. I.**, Abdulla, M. A., Saleh, M. I., & Awad, M. (2025). Prophylactic Effects of Rhamnetin Flavonoid on Indomethacin-Induced Gastric Ulceration by Modulating HSP 70/Bax, SOD/MDA and TNF- $\alpha$ /IL-10. *Clinical and Experimental Pharmacology and Physiology*, 52(4), e70029. <https://doi.org/10.1111/1440-1681.70029>
6. Hawwal, M. F., Ahmed, S., Alam, P., **Fantoukh, O. I.**, AlHamoud, G. A., Alharbi, H. A., Alobaid, W. A., & Khojah, H. (2024). *Otostegia fruticosa* (Forssk.) – A comprehensive insight of its ethnopharmacology, phytochemistry, and pharmacological activities. *Saudi Pharmaceutical Journal*, 32(11), 102189. <https://doi.org/10.1016/j.jsps.2024.102189>
7. Alsaleh, N. B., & **Fantoukh, O. I.** (2024). Celebrating the 30th Anniversary of the Saudi Pharmaceutical Journal: A Special Issue. *Saudi Pharmaceutical Journal*, 32(11), 102190. <https://doi.org/10.1016/j.jsps.2024.102190>
8. Siddiqui, N. A., Nooreen, Z., Wal, P., Yadav, A. K., **Fantoukh, O. I.**, Alqasoumi, S. I., Ahmad, A., & Nasir, A. (2024). Evaluation of antiulcer potential of tambulin and ombuin isolated from *Zanthoxylum armatum*. *Journal of King Saud University - Science*, 36(8), 103326. <https://doi.org/10.1016/j.jksus.2024.103326>
9. Herqash, R. N., **Fantoukh, O. I.**, Alqahtani, A. S., Shahat, A. A., Ahamad, S., & Alqahtani, A. M. (2024). GC-MS and RP-HPLC Analysis Reveals Phytochemical Compositions and Antioxidant Potential in *Solanum schimperianum*, *Solanum cordatum*, and *Solanum nigrum* Extracts from Saudi Arabia. *Egyptian Journal of Chemistry*, 67(9), 13-34. <https://doi.org/10.21608/ejchem.2024.283184.9599>
10. Abdallah, R. H., Shehata, Y. M., M., D., Atta, R. M., **Fantoukh, O. I.**, Mustafa, A. M. (2024). Comprehensive Chemical Profiling and Mechanistic Insight into Anticancer Activity of *Annona muricata* Leaves Extract. *Pharmaceuticals*, 17(5), 614. <https://doi.org/10.3390/ph17050614>
11. Abdul-Aziz Ahmed, K., J. Jabbar, A. A., Galali, Y., Al-Qaaneh, A. M., Akçakavak, G., Salehen, N. A., Hassan, R. R., Mothana, R. A., Abdulla, M. A., **Fantoukh, O. I.**, Hasson, S., Hawwal, M. F. (2024). Cumin (*Cuminum cyminum* L.) seeds accelerates wound healing in rats: Possible molecular mechanisms. *Skin Research and Technology*, 30(5), e13727. <https://doi.org/10.1111/srt.13727>
12. Alharbi, Y. T. M., Abdel-Mageed, W. M., Basudan, O. A., Mothana, R. A., Tabish Rehman, M., ElGamal, A. A., Alqahtani, A. S., **Fantoukh, O. I.**, AlAjmi, M. F. (2024). Investigation of phytochemicals isolated from selected Saudi medicinal plants as natural inhibitors of SARS CoV-2 main protease: *In vitro*, molecular docking and simulation analysis. *Saudi Pharmaceutical Journal*, 102023. <https://doi.org/10.1016/j.jsps.2024.102023>
13. Jabbar, A. A., Abdul-Aziz Ahmed, K., Abdulla, M. A., Abdullah, F. O., Salehen, N. A., Mothana, R. A., Houssaini, J., Hassan, R. R., Hawwal, M. F., **Fantoukh, O. I.**, Hasson, S. (2024). Sinomenine accelerate wound healing in rats by augmentation of antioxidant, anti-inflammatory, immunohistochemical pathways. *Heliyon*, 10(1), e23581. <https://doi.org/10.1016/j.heliyon.2023.e23581>
14. Almarfadi, O. M., Siddiqui, N. A., Shahat, A. A., **Fantoukh, O. I.**, El Gamal, A. A., Raish, M., Bari, A., Iqbal, M., Alqahtani, A. S. (2023). Isolation of a novel isoprenylated phenolic compound and neuroprotective evaluation of *Dodonaea viscosa* extract against cerebral ischaemia-reperfusion injury in rats. *Saudi Pharmaceutical Journal*, 101898. <https://doi.org/10.1016/j.jsps.2023.101898>
15. Shahat, A. A., Ullah, R., Alqahtani, A. S., **Fantoukh, O. I.** (2023). Cardioprotective study of *Eriobotrya japonica* leaf extracts against carbon tetrachloride induced toxicity in rats. *Saudi Pharmaceutical Journal*, 31(12), 101869. <https://doi.org/10.1016/j.jsps.2023.101869>
16. Jabbar, A. A. J., Mothana, R. A., Ameen Abdulla, M., Othman Abdullah, F., Abdul-Aziz Ahmed, K., Rizgar Hussien, R., Hawwal, M. F., **Fantoukh, O. I.**, Hasson, S. (2023). Mechanisms of anti-ulcer actions

- of *Prangos pabularia* (L.) in ethanol-induced gastric ulcer in rats. *Saudi Pharmaceutical Journal*. <https://doi.org/10.1016/j.jsps.2023.101850>
17. Sahu, N., Madan, S., Walia, R., Tyagi, R., **Fantoukh, O. I.**, Hawwal, M. F., Akhtar, A., Almarabi, I., Alam, P., Saxena, S. (2023). Multi-target Mechanism of *Solanum xanthocarpum* for Treatment of Psoriasis Based on Network Pharmacology and Molecular Docking. *Saudi Pharmaceutical Journal*. <https://doi.org/10.1016/j.jsps.2023.101788>
  18. Alqahtani, A.S., Parvez, M.K., Alqahtani, A.M., **Fantoukh, O.I.**, Herqash, R.N., Elzayat, E.M., Nasr, F.A., Ezzeldin, E., Almousallam, M.M., Raish, M. (2023). Effects of *Catha edulis* (Khat) on the Pharmacokinetics of Metformin in Diabetic Rats Using UPLC/MS/MS Analysis and Its Impact on Hepatic CYP450 Enzymes. *Separations*. <https://doi.org/10.3390/separations10080442>
  19. Al-Hamoud, G. A., Alam, P., **Fantoukh, O.I.\***, Hawwal, M., Akhtar, A. (2023). HPLC-UV analysis of chrysophanol in *Senna occidentalis* extract obtained by using the RSM-optimized ultrasonic extraction process. *Processes*. <https://doi.org/10.3390/pr11051410>
  20. **Fantoukh, O. I.\***, Al-Hamoud, G. A.\*, Nasr, F. A., Almarfadi, O. M., Hawwal, M. F., Ali, Z., Alobaid, W. A., Binawad, A., Alrashidi, M., Alasmari, F., Ahmed, M. Z., Noman, O. M. (2023). Revisiting the Flora of Saudi Arabia: Phytochemical and Biological Investigation of the Endangered Plant Species *Euphorbia saudiarabica*. *Metabolites*. <https://doi.org/10.3390/metabo13040556>
  21. Alam, P.\*, **Fantoukh, O.I.\***, Asaker, M., Almarfadi, O. M., Akhtar, A., Al-Hamoud, G. A., Hawwal, M. F., Alqahtani, A. S. (2023). Concurrent Optimization of Ultrasonic-Assisted Extraction of Total Phenolic Compounds and In Vitro Anticancer and Antioxidant Potential of *Pulicaria schimperi* (Aerial Parts) Using Response Surface Methodology. *Separations*. <https://doi.org/10.3390/separations10030208>
  22. Mohamad, H.E., Asker, M.E., Shaheen, M.A., Baraka, N.M., **Fantoukh, O.I.**, Alqahtani, A., Salama, A.E., Mahmoud, Y.K. (2023) Secukinumab and Black Garlic Downregulate OPG/RANK/RANKL Axis and Devitalize Myocardial Interstitial Fibrosis Induced by Sunitinib in Experimental Rats. *Life*. <https://doi.org/10.3390/life13020308>
  23. Hamza, R.A., Mostafa, I., Mohamed, Y.S., Dora, G.A., Ateya, A., Abdelaal, M., **Fantoukh, O.I.**, Alqahtani, A., Attia, R.A. (2022). Bioguided Isolation of Potential Antitumor Agents from the Aerial Parts of Cultivated Cardoon (*Cynara cardunculus* var. *altilis*). *Saudi Pharmaceutical Journal*. <https://doi.org/10.1016/j.jsps.2022.11.011>
  24. Anwer, S.T., Mobashir, M., **Fantoukh, O.I.**, Khan, B., Imtiyaz, K., Naqvi, I.H., Rizvi, M.M.A. (2022). Synthesis of Silver Nano Particles Using Myricetin and the In-Vitro Assessment of Anti-Colorectal Cancer Activity: In-Silico Integration. *International Journal of Molecular Sciences*. <https://doi.org/10.3390/ijms231911024>
  25. **Fantoukh, O.I.**, Wang, Y.H., Parveen, A., Hawwal, M.F., Ali, Z., Al-Hamoud, G.A., Chittiboyina, A.G., Joubert, E., Viljoen, A.M., Khan, I.A. (2022). Chemical Fingerprinting Profile and Targeted Quantitative Analysis of Phenolic Compounds from Rooibos Tea (*Aspalathus linearis*) and Dietary Supplements Using UHPLC-PDA-MS. *Separations*. <https://doi.org/10.3390/separations9070159>
  26. Al-Hamoud, G.A.\*, **Fantoukh, O.I.\***, Amina, M., Nasr, F.A., Al Musayeib, N.M., Ahmed, M.Z., Noman, O.M., Al-Sheridah, R.E., Alasmari, F., Alqahtani, A.S. (2022). Unprecedented Insights on Chemical and Biological Significance of *Euphorbia cactus* Growing in Saudi Arabia. *Plants*. <https://doi.org/10.3390/plants11050681>
  27. Parveen, A., Alhusban, M., **Fantoukh, O.I.**, Ali, Z., Chittiboyina, A.G., Khan, I.A., Khan, S. I. (2022). Probing PXR activation and modulation of CYP3A4 by *Tinospora crispa* and *Tinospora sinensis*. *Journal of Ethnopharmacology*. <https://doi.org/10.1016/j.jep.2022.115159>
  28. Hawwal, M.F., Ali, Z., **Fantoukh, O.I.**, Chittiboyina, A.G., Khan, I.A. (2021). Phytochemical investigation of *Mimosa pigra* leaves, a sensitive species. *Biochemical Systematics and Ecology*. <https://doi.org/10.1016/j.bse.2021.104354>

29. Alasmari, F., Alsanea, S., Alfadda, A.A., Alanazi, I.O., Musambil, M., Masood, A., Alqahtani, F., **Fantoukh, O.I.**, Alasmari, A.F., Benabdelkamel, H. (2021). Serum Proteomic Analysis of Cannabis Use Disorder in Male Patients. *Molecules*. <https://doi.org/10.3390/molecules26175311>
30. Hawwal, M.F., Ali, Z., Wang, M., Zhao, J., Lee, J., **Fantoukh, O.I.**, Khan, I.A. (2021). (E)-2,6,10-Trimethyldodec-8-en-2-ol: An Undescribed Sesquiterpenoid from Copaiba Oil. *Molecules*. <https://doi.org/10.3390/molecules26154456>
31. Al-Yousef, H.M., **Fantoukh, O.I.**, El-sayed, M.A., Amina, M., Adel, R., Hassan, W. H. B., Abdelaziz, S. (2021). Metabolic Profiling and Biological Activities of The Aerial Parts of *Micromeria imbricata* Forssk. Growing in Saudi Arabia. *Saudi Journal of Biological Sciences*. <https://doi.org/10.1016/j.sjbs.2021.05.077>
32. Aldwihi, L.A., Khan, S.I., Alamri, F.F., AlRuthia, Y., Alqahtani, F., **Fantoukh, O.I.**, Assiri, A., Almohammed, O.A. (2021). Patients' Behavior Regarding Dietary or Herbal Supplements before and during COVID-19 in Saudi Arabia. *International Journal of Environmental Research and Public Health*. <https://doi.org/10.3390/ijerph18105086>
33. Majrashi, T., Ashpole, N.M., Khan, S.I., Sanders, M., **Fantoukh, O.I.**, Khan, I. (2021). *In vitro* cytotoxicity and neurotoxicity assessment of the alkaloidal constituents derived from *Asimina triloba* twigs. *South African Journal of Botany*. <https://doi.org/10.1016/j.sajb.2021.04.010>
34. Alasmari, F.\*, **Fantoukh, O.I.\***, Alhadidi, Q., Alqahtani, F., Alanezi, A.A. & Syed, A. (2021). Nanomaterials combat heavy metals-induced toxicological effects through modulating oxidative stress pathways. Book entitled "Nanobiotechnology". Springer. [https://doi.org/10.1007/978-3-030-73606-4\\_20](https://doi.org/10.1007/978-3-030-73606-4_20)
35. Ali, N., AlAsmari, A. F., Imam, F., Ahmed, M.Z., Alqahtani, F., Alharbi, M., AlSwayyed, M., Alasmari, F., Alasmari, M., Alshammari, A., **Fantoukh, O.I.**, Alanazi, M.M. (2021). Protective effect of diosmin against doxorubicin-induced nephrotoxicity. *Saudi Journal of Biological Sciences*. <https://doi.org/10.1016/j.sjbs.2021.04.030>
36. Obaidullah, A.J., Alanazi, M.M., Alsaif, N.A., Mahdi, W.A., **Fantoukh, O.I.**, Tareq, A.M., Sami, S.A., Alqahtani, A.M., Emran, T.B. (2021). Deeper Insights on *Cnesmone javanica* Blume Leaves Extract: Chemical Profiles, Biological Attributes, Network Pharmacology and Molecular Docking. *Plants*. <https://doi.org/10.3390/plants10040728>
37. **Fantoukh, O.I.**, Wang, Y.H., Parveen, A., Hawwal, M., Al-Hamoud, G., Ali, Z., Chittiboyina, A., Khan, I. (2020). Profiling and Quantification of the Key Phytochemicals from the Drumstick Tree (*Moringa oleifera*) and Dietary Supplements by UHPLC-PDA-MS. *Planta Medica*. <https://doi.org/10.1055/a-1240-6186>
38. Al Yousef, H.M., Abdelaziz, S., Alqahtani, A.S., Hassan, W.H.B., **Fantoukh, O.I.**, El-Sayed, M.A. (2020). Phytochemical Profile, Antioxidant and Cytotoxic Potential of *Parkinsonia aculeata* L. Growing in Saudi Arabia. *Saudi Pharmaceutical Journal*. <https://doi.org/10.1016/j.jsps.2020.08.001>
39. **Fantoukh, O.I.** (2020). Review of The African and Arabian *Moringa* Species. Chemistry, Bioactivity, and Therapeutic Applications. *Journal of Natural Products*. <https://doi.org/10.1021/acs.jnatprod.9b00940>
40. Al-Hamoud, G.A., Orfali, R.S., Takeda, Y., Sugimoto, S., Yamano, Y., Al Musayeib, N.M., **Fantoukh, O.I.**, Amina, M., Otsuka, H., Matsunami, K. (2020). Lasianosides F–I: A New Iridoid and Three New Bis-Iridoid Glycosides from the Leaves of *Lasianthus verticillatus* (Lour.) Merr. *Molecules*. <https://doi.org/10.3390/molecules25122798>
41. Parveen, A., Ali, Z., **Fantoukh, O.**, Alhusban, M., Wang, W., Chittiboyina, A., Khan, I. A. (2020). Undescribed phenylpropanoid and a dimeric sesquiterpenoid possessing a rare cyclobutane ring from *Tinospora sinensis*. *Natural product research*. <https://doi.org/10.1080/14786419.2020.1752207>
42. Osman, A. G., **Fantoukh, O.**, Ali, Z., Raman, V., Ibrahim, M. A., Khan, I. A. (2020). Three undescribed monoterpene rhamnosides from the aerial parts of *Vangueria agrestis*. *Natural Product Research*. <https://doi.org/10.1080/14786419.2020.1731744>
43. **Fantoukh, O.**, Albadry, M. A., Parveen, A., Hawwal, M. F., Majrashi, T., Ali, Z., Khan, S. I., Chittiboyina, A., Khan, I. A. (2019). Isolation, Synthesis, and Drug Interaction Potential of Secondary

Metabolites Derived from the Miracle Tree (*Moringa oleifera*) Leaves against CYP3A4 and CYP2D6 Isozymes. *Phytomedicine*. <https://doi.org/10.1016/j.phymed.2019.153010>

44. **Fantoukh, O.**, Dale, O. R., Parveen, A., Hawwal, M. F., Ali, Z., Manda, V., Chittiboyina, A. G., Viljoen, A. M., Khan, I. A., & Khan, S. I. (2019). Safety Assessment of Phytochemicals Derived from the Globalized South African Rooibos Tea (*Aspalathus linearis*) Through Interaction with CYP, PXR, and P-gp. *Journal of Agricultural and Food Chemistry*. <https://doi.org/10.1021/acs.jafc.9b00846>
45. Parveen, A., Wang, Y., **Fantoukh, O.**, Alhusban, M., Raman, V., Ali, Z., Khan, I. (2019). Development of a chemical fingerprint as a tool to distinguish closely related *Tinospora* species and quantitation of marker compounds. *Journal of Pharmaceutical and Biomedical Analysis*. <https://doi.org/10.1016/j.jpba.2019.112894>
46. Parveen, A., Huang, Y., **Fantoukh, O.**, Alhusban, M., Raman, V., Wang, Y. H., Wang, W., Ali, Z., Khan, I. A. (2019). Rearranged clerodane diterpenoid from *Tinospora crispa*. *Natural product research*. <https://doi.org/10.1080/14786419.2019.1633648>
47. Osman, A., Ali, Z., **Fantoukh, O.**, Raman, V., Kamdem, R., & Khan, I. (2018). Glycosides of ursane-type triterpenoid, benzophenone, and iridoid from *Vangueria agrestis* (*Fadogia agrestis*) and their anti-infective activities. *Natural product research*. <https://doi.org/10.1080/14786419.2018.1497031>
48. Avula, B., Bae, J., Raman, V., **Fantoukh, O.**, Wang, Y., Osman, A., Wang, M., Ali, Z., & Khan, I. (2018). Quantification of Phenolic Compounds from *Fadogia agrestis* and Dietary Supplements using UHPLC-PDA-MS. *Planta Medica*. <https://doi.org/10.1055/a-0715-1801>

#### PUBLISHED CONFERENCE ABSTRACTS

1. **Fantoukh, O.**, Ali, Z., Parveen, A., Viljoen, A., & Khan, I. (2016). Flavonoid C- And O-glycosides from *Aspalathus linearis*. *Planta Medica*, 82(05). <https://doi.org/10.1055/s-0036-1578730>
2. Parveen, A., Ali, Z., **Fantoukh, O.**, & Khan, I. (2016). Phytochemical constituents of *Tinospora Sinensis*. *Planta Medica*, 82(05). <https://doi.org/10.1055/s-0036-1578763>

#### PRESENTATIONS (ORAL/ POSTER)

1. **Fantoukh, O.**, Wang, Y., Parveen, A., Ali, Z., Hawwal, M., Khan, S., Chittiboyina, A., Viljoen, A., & Khan, A. Drug interaction potential (CYP-PXR-P-gp) and comprehensive quantitative analysis for phytochemicals derived from the globalized South African rooibos tea (*Aspalathus linearis*) and dietary supplements using UHPLC-PDA-MS. 19th International Conference on the Sciences of Botanicals. Oxford, MS, USA. Apr 09, 2019
2. Hawwal, M., **Fantoukh, O.**, Ali, Z., Khan, A. Phytochemical Investigation of *Mimosa pigra*. 19th International Conference on the Sciences of Botanicals. Oxford, MS, USA. Apr 09, 2019
3. Osman, A., **Fantoukh, O.**, Ibrahim, M., Zaki, A., Raman, V., Ali, Z., Khan, S., and Khan, A. Monoterpene glycosides from the aerial parts of *Vangueria agrestis*. 19th International Conference on the Sciences of Botanicals. Oxford, MS, USA. Apr 09, 2019
4. Parveen, A., **Fantoukh, O.**, Wang, Y., Mir, T., Ashfaq, M., Ali, Z., Raman, V., Khan, I. Phytochemical Investigation, Safety and Quality Assessment of Two *Tinospora* Species. 19th International Conference on the Sciences of Botanicals. Oxford, MS, USA. Apr 09, 2019
5. Majrashi, T., Khan, S., Ashpole, N., Zulfikar, F., **Fantoukh, O.**, Chittiboyina, A., Ali, Z., and Khan, I. Chemical and Biological Evaluations of *Asimina triloba*. 19th International Conference on the Sciences of Botanicals. Oxford, MS, USA. Apr 09, 2019
6. **Fantoukh, O.**, Dale, O., Ali, Z., Parveen, A., Manda, V., Khan, S., Chittiboyina, A., Viljoen, A., & Khan, A. Safety assessment on drug interaction potential (CYP-PXR-P-gp) of phytochemicals derived from popular South African rooibos tea (*Aspalathus linearis*). 22nd School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 12, 2018

7. Haron, M., **Fantoukh, O.**, Chittiboyina, A., Khan, I., and Khan, S. PXR-mediated induction of CYP enzymes by Chinese club moss *Huperzia serrata*. 22nd School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 12, **2018**
8. Hawwal, M., **Fantoukh, O.**, Ali, Z., & Khan, I. Phytochemical investigation of *Mimosa pigra*. 22nd School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 12, **2018**
9. Parveen, A., Maqbool, T., **Fantoukh, O.**, Ali, Z., Wang, Y., Raman, V., Ashfaq, MK., & Khan, I. Isolation of secondary metabolites of *Tinospora crispa* and *Tinospora sinensis* and assessment of hepatotoxic potential of major furanoditerpenoids in murine model. 22nd School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 12, **2018**
10. Avula, B., Bae, J., Raman, V., Wang, Y., **Fantoukh, O.**, Osman, A., Wang, M., Ali, Z., & Khan, I. Quantification of iridoid and phenolic compounds from roots and aerial parts of *Fadogia agrestis* and dietary supplements. Annual Meeting for American Society of Pharmacognosy. Lexington, KY, USA. July 24, **2018**
11. **Fantoukh, O.**, Dale, O., Ali, Z., Parveen, A., Manda, V., Khan, S., Chittiboyina, A., Viljoen, A., & Khan, A. Phytochemicals derived from the popular South African rooibos tea (*Aspalathus linearis*) species and their drug interaction potential. Annual Meeting for American Society of Pharmacognosy. Lexington, KY, USA. July 24, **2018**
12. **Fantoukh, O.**, Albadry, M., Hawwal, M., Parveen, A., Majrashi, T., Ali, Z., Chittiboyina, A., & Khan, I. Isolation, characterization and synthesis of secondary metabolites derived from the miracle tree (*Moringa oleifera*) leaves. Annual Meeting for American Society of Pharmacognosy. Lexington, KY, USA. July 23, **2018**
13. Haron, M., **Fantoukh, O.**, Chittiboyina, A., Khan, I., and Khan, S. PXR-mediated induction of CYP enzymes by Chinese club moss *Huperzia serrata*. 18th International Conference on the Sciences of Botanicals. Oxford, MS, USA. April 11, **2018**
14. Hawwal, M., **Fantoukh, O.**, Ali, Z., & Khan, I. Phytochemical investigation of *Mimosa pigra*. 18th International Conference on the Sciences of Botanicals. Oxford, MS, USA. April 11, **2018**
15. Osman, A., Ali, Z., **Fantoukh, O.**, & Khan, I. Chemical constituents from the aerial parts of *Vangueria agrestis*. 18th International Conference on the Sciences of Botanicals. Oxford, MS, USA. April 11, **2018**
16. Parveen, A., Ali, Z., **Fantoukh, O.**, & Khan, I. Exploring the chemical diversity of two species of *Tinospora*. 8th Annual Graduate Student Council Research Symposium. May 10, **2018**
17. Parveen, A., Ali, Z., **Fantoukh, O.**, Shokoohinia, Y., Wang, Y., Raman, V., & Ikhlas A. Khan. Secondary metabolites of *Tinospora sinensis* and *Tinospora crispa*. 18th International Conference on the Sciences of Botanicals. Oxford, MS, USA. April 11, **2018**
18. Parveen, A., Ali, Z., **Fantoukh, O.**, & Khan, I. Exploring the chemical diversity of two species of *Tinospora*. 21st School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 6, **2017**
19. **Fantoukh, O.**, Ali, Z., Parveen, A., & Khan, I. Chemical constituents from *Moringa oleifera*. 21st School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 6, **2017**
20. Hawwal, M., **Fantoukh, O.**, Ali, Z., & Khan, I. Phytochemical investigation of *Mimosa pigra*. 21st School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 6, **2017**
21. Parveen, A., Ali, Z., **Fantoukh, O.**, & Khan, I. Exploring the chemical diversity of two species of *Tinospora*. Annual Meeting for American Society of Pharmacognosy. Portland, OR, USA
22. **Fantoukh, O.**, Ali, Z., Parveen, A., & Khan, I. Phytochemical constituents from *Moringa oleifera*. 17th International Conference on the Sciences of Botanicals. Oxford, MS, USA. April 5, **2017**
23. Parveen, A., Ali, Z., **Fantoukh, O.**, & Khan, I. Phytochemical constituents of *Tinospora Sinensis*. 20th School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 7, **2016**
24. **Fantoukh, O.**, Ali, Z., Parveen, A., Viljoen, A., & Khan, I. Flavonoid C- And O-glycosides from *Aspalathus linearis*. 20th School of Pharmacy Annual Poster Session. Oxford, MS, USA. Oct 7, **2016**

25. **Fantoukh, O.**, Ali, Z., Parveen, A., Viljoen, A., & Khan, I. Flavonoid C- And O-glycosides from *Aspalathus linearis*. 16th International Conference on the Sciences of Botanicals. Oxford, MS, USA. April 5, **2016**
26. Parveen, A., Ali, Z., **Fantoukh, O.**, & Khan, I. Phytochemical constituents of *Tinospora Sinensis*. 16th International Conference on the Sciences of Botanicals. Oxford, MS, USA. April 5, **2016**
27. **Fantoukh, O.**, Alasmari, F., Asiri, B, Al-amri, Y., Fakeha, A., Algunaib, A. Evaluation of directly compressed tablets prepared from different grades of avicel. Riyadh, SA. Jan 10, **2011**

## SCIENTIFIC JOURNALS REVIEWER

- Reviewer (Journal of Agricultural and Food Chemistry)
- Reviewer (Journal of Natural Products)
- Reviewer (Journal of Food Composition and Analysis)
- Reviewer (Natural Product Research)
- Reviewer (Saudi Pharmaceutical Journal)
- Reviewer (Saudi Journal of Biological Sciences)
- Reviewer (Journal of Dietary Supplements)
- Reviewer (Separations)
- Reviewer (Arabian Journal for Science and Engineering)
- Reviewer (Journal of Nature and Science of Medicine)
- Reviewer (Data in Brief)
- Reviewer (Physiologia)

## STUDENTS ADVISORY

- Graduate student adviser, Abdullah Al-Angari and Huwaidi Albogami, 08-24-2025 to 06-21-2026, Master Students, King Saud University, Title: "Type of titanium dioxide in pharmaceutical preparations"
- Graduate student adviser, Majed Alqahtani and Abdulwahab Alzahrani, 08-18-2024 to 05-29-2025, Master Students, King Saud University, Title: "The accelerated approval Pathways in Saudi Regulation for Registration of Pharmaceutical Drugs, Benefits to the Market, Patients, and Industry and comparative analysis"
- Graduate student adviser, Hamed Alanzi and Majed Alshammari, 03-12-2023 to 01-04-2024, Master Students, King Saud University, Title: "Compliance of Cosmetic Products in Saudi Arabia: Market Surveillance Report"
- Academia Internship, Faisal Alkhalaf, 10-01-2023 to 10-26-2023, Pharm. D. intern
- Academia Internship, Mohammed Asaker, 05-21-2023 to 06-15-2023, Pharm. D. intern
- Research Internship, Abdulaziz bin Awad, 01-01-2023 to 02-02-2023, Pharm. D. intern
- Research Internship, Menwer Alrashidi, 09-04-2022 to 09-29-2022, Pharm. D. intern
- Graduate student committee member, Khaled A. Alshahrani, 02-31-2022 to 05-31-2023, Master Student, Prince Sattam Bin Abdulaziz University, Title: "Quantifications of Curcumins in Crude Drugs and Selected Pharmaceutical Products"
- Graduate student Co-adviser, Abdulaziz Alqahtani, 03-01-2021 to 12-12-2023, Master Student, King Saud University, Title: "Studies on Herb-Drug Interaction of *Catha edulis* and Antidiabetic drugs: Effects on Hepatic CYP450s Enzymes"
- The 12<sup>th</sup> College of Pharmacy Students Graduation Research Projects, Menwer Alrashidi and Abdulaziz Binawad, 02-25-2022 to 02-25-2023, Pharm. D. students
- Distinguished and Talented Students Program, Muhammad Al-Shammari and Majid Al-Hussein, 02-01-2022 to 03-30-2022, Pharm. D. students
- Academia Internship, Saud Alshami, 10-17-2021 to 11-18-2021, Pharm. D. intern
- Research Internship, Ahmad A. Alhassoun, 01-23-2022 to 02-24-2022, Pharm. D. intern

- Research Assistant Internship Program, Mdhawi Alharbi, 01-26-2020 to 04-25-2020, Master Student.

#### INVITED SPEAKER, MODERATOR, EVALUATOR, EDITOR OR JUDGE

- Moderator, Quality and Safety of Natural and Health Products in Saudi Arabia: Current Status and Development Opportunities, 09-25-2025, KSU
- Judge, The 5th Research and Innovation Day 2024, KSAU-HS
- Judge, Saudi International Conference for Pharmaceutical Research and Innovation (MSIR) 2025, KSU
- Evaluator, Evaluation committee member, Saudi International Pharmaceutical Sciences (SIPHA) 2025
- Judge, The 4th Research and Innovation Day 2024, KSAU-HS
- Judge, The 13th College of Pharmacy Research Day (COPRD 13) 2024, KSU
- Evaluator, Evaluation committee member, Saudi International Pharmaceutical Sciences (SIPHA) 2024
- Adviser, Advisory Board, Faculty of Pharmacy - Natural Products and Alternative Medicine Department, 2023
- Judge, The 3rd Research and Innovation Day 2023, KSAU-HS
- Judge, The 12th College of Pharmacy Research Day (COPRD 12) 2023, KSU
- Guest Editor, Metabolites (IF: 5.581, Q2), 2023
- Evaluator, Evaluation committee member, Saudi International Pharmaceutical Sciences (SIPHA) 2023
- Moderator and Judge, The 11th College of Pharmacy Research Day (COPRD 11) 2022, KSU
- Judge, Chair of external judges for program specification and reports, Master in Pharmaceutical Sciences (Natural Products), King Abdulaziz University 2022
- Evaluator, Evaluation committee member, Saudi International Pharmaceutical Sciences (SIPHA) 2022
- Invited speaker, General Aspects Related to Herbal Medicines, 01-02-2022, *Saudi Food and Drug Authority*, Riyadh, Saudi Arabia
- Invited speaker, Safety Assessment and Chemical Fingerprint Analysis of a Medicinal Plant Commonly Consumed as Herbal Tea: Rooibos (*Aspalathus linearis*), 11-14-2019, *American Association of Pharmaceutical Scientists-Saudi Discussion Group (AAPS-SDG)*, Riyadh, Saudi Arabia
- Invited speaker, Challenges Related to Herbal Medicines, 01-13-2020, *SEKEM-Riyadh Pharma*, Riyadh, Saudi Arabia

#### TEACHING EXPERIENCE

- PHRM451: Toxicology of Natural Products, KSU
- PHRM452: Herbal Cosmeceuticals, KSU
- EDRA531: Regulation of Herbal Products and Health Supplements, Executive Master in Drug Regulatory Affairs, KSU
- PHG523: Selected Topics in Natural Products Chemistry, Master of Pharmacognosy, KSU
- PHG516: Research Methodologies, Master of Pharmacognosy, KSU
- PHG323: Complementary & Alternative Medicine, PharmD, KSU
- PHTR211: Introductory Pharmacy Practice Experience-1, PharmD, KSU
- PHTR312: Introductory Pharmacy Practice Experience-2, PharmD, KSU
- PHG220: Basics of Natural Products, B. Pharm, KSU
- PHG222: Pharmacognosy (1), B. Pharm, KSU
- PHLG326: Natural Products II, PharmD, University of Almaarefa
- Academic Advising, KSU
- Arabic Language Flagship Program, American Students, University of Mississippi

#### PROFESSIONAL MEMBERSHIP AND HONORS

- Project Management Professional (PMP®) by Project Management Institute, 2026 Certification No: 4288307

- Negotiation Professional Certificate by American Negotiation Institute, 2025
- Member, The Quality Committee for Herbal Products Standards in the Saudi Pharmacopoeia, Saudi Food and Drug Authority, 2025-2026
- Section Editor, Clinical Phytoscience 2025-2026
- Member, the Advisory Committee for the Quality of Marketed Pharmaceuticals and Biologics, Saudi Food and Drug Authority, 2025-2027
- Editor-in-Chief, professionally classified and registered in General Authority for Media Regulation (GAMR). Classification No: 385511
- Member, the Scientific Committee for Naturopathy and Herbal Therapy, National Center for Complementary and Alternative Medicine (NCCAM), 2024
- Consultant, Advisory Board, Natural Products and Alternative Medicine Department, College of Pharmacy, King Abdulaziz University, 2023-2025
- The First Rank in Oral Presentation in the 12th College of Pharmacy Research Day (COPRD 12).
- Member, College of Pharmacy Business Development Unit, 2023
- Member, College of Pharmacy Council, 2023
- Chairman, Pharmacognosy Department Council 2023
- Recipient, Learning Teaching and Assessing, Staff and Educational Development Association (SEDA), 2023
- Member Board of Directors and cofounder, Digital Health Awareness Society (DHAS) 2022-2023
- Member Board of Directors, consultant, and supervisor of phytochemistry unit in Medicinal, Aromatic, and Poisonous Plants Research Center (MAPPRS) 2021-2023
- RARE (Reader, Author, Reviewer, Editor) Experience Editor, Saudi Pharmaceutical Journal (IF: 4.562, Q2) 2023
- Associate Editor, Saudi Pharmaceutical Journal (IF: 4.562, Q2) 2022
- Consultant of Pharmaceutical Sciences in Pharmacognosy and Herbal Medicine, professionally classified and registered in Saudi Commission for Health Specialties (SCFHS). Classification No: 11RP0011871
- President of Pharmaceutical Scientists Group- Saudi Pharmaceutical Society (Twitter @PSG\_SPS) 2020-2021
- Cofounder of Health Corrector Project (Twitter @H\_Corrector) 2020-2021 and 2021-2022
- Member of board and supervisory committee of executive master of drug regulatory affairs 2021-2022
- Supervisor of training agreements 2019-2020 and 2020-2021
- SOPs taskforce committee 2020-2021
- Teaching load committee 2020-2021
- Strategic planning of pharmacognosy department committee (Chair) 2020-2021
- Educational committee 2019-2020
- Study plans committee in college of pharmacy 2019-2020
- Academic committee in college of pharmacy 2019-2020
- Course specifications committee 2019-2020: community pharmacy- natural products and phytopharmaceuticals I and II.
- Department's website update committee 2019-2020
- Travel grant from College of Pharmacy at University of Mississippi
- Graduate students award at University of Mississippi (nominee)
- General Student Travel Grant from American Society of Pharmacognosy
- Graduate Student Grant, Saudi Arabia Cultural Mission (SACM)
- Treasurer (Saudi Student Association at University of Mississippi)
- Treasurer (Saudi Club in oxford, MS supervised by Saudi Cultural Mission)

- King Saud University Scholarship
- Ph.D. in Pharmaceutical Sciences, University of Mississippi (Overall GPA: 3.97/4.00)
- Rho Chi Society
- Golden Key International Honor Society
- Gamma Beta Phi Honor Society
- The American Society of Pharmacognosy
- American Chemical Society
- Saudi Pharmaceutical Society

## CONFERENCES AND TRAINING COURSES

- **25th Tetrahydron Symposium**

Place: Bruges, Belgium

Date: 1-4 July 2025

- **Saudi International Conference for Pharmaceutical Research and Innovation (MSIR) (13 CME hours)**

Place: Riyadh, SA

Date: 7-8 May 2025

- **The Annual Meeting of SPS | SIPHA 2025 (22 CME hours)**

Place: Riyadh, SA

Date: 4-6 Feb 2025

- **The Annual Meeting of SPS | SIPHA 2024 (30 CME hours)**

Place: Riyadh, SA

Date: 22-24 Jan 2024

- **The 12th College of Pharmacy Research Day (COPRD 12) (6 CME hours)**

Place: Riyadh, SA

Date: 17 May 2023

- **The Annual Meeting of SPS | SIPHA 2023 (30 CME hours)**

Place: Dhahran, SA

Date: 3-5 Jan 2023

- **The 11th College of Pharmacy Research Day (COPRD 11) (6 CME hours)**

Place: Riyadh, SA

Date: 18 May 2022

- **The Annual Meeting of SPS | SIPHA 2022 (30 CME hours)**

Place: Riyadh, SA

Date: 25-27 Jan 2022

- **Certificate in Leadership-Introduction to Educational Leadership**

Place: Riyadh, SA

Date: 12 Nov 2021

- **Certificate in Leadership-Leading & Managing Education Change**

Place: Riyadh, SA

Date: 13 Nov 2021

- **Certificate in Leadership-Leading & Managing Organizations Complex Systems**

Place: Riyadh, SA

Date: 17 Nov 2021

- **Certificate in Leadership-Leading and managing groups and teams**

Place: Riyadh, SA

Date: 18 Nov 2021

- **The Annual Meeting of SPS | SIPHA 2021 (30 CME hours)**

Place: Riyadh, SA

Date: 9-11 Feb 2021

- **American Chemical Society Reviewer Lab**

Place: Online

Date: 26th Dec 2020

- **The Annual Meeting of SPS | SIPHA 2020**

Place: Riyadh, SA

Date: 21-23 Jan 2020

- **19th International Conference on The Sciences of Botanicals**

Place: Oxford, MS, USA

Date: 8-11 Apr 2019

- **LC/MS Sci-Dev Day Seminar Series: Developing and Accelerating Your Mass Spec Expertise By Agilent**

Place: Memphis, TN, USA

Date: 6th Dec 2018

- **Writing in the Sciences by Stanford University**

Place: Coursera online

Date: 24 Oct-19 Nov 2018

- **Annual Meeting for American Society of Pharmacognosy**

Place: Lexington, KY, USA

Date: 21-25 July 2018

- **18th International Conference on The Sciences of Botanicals**

Place: Oxford, MS, USA

Date: 9-12 Apr 2018

- **17th International Conference on The Sciences of Botanicals**

Place: Oxford, MS, USA

Date: 3-6 Apr 2017

- **Natural Products Training Course Provided by Water**

Place: Oxford, MS, USA

Date: 13-17 Mar, 2017

- **16th International Conference on the Science of Botanicals (ICSB) & 5th Interim American Society of Pharmacognosy (ASP)**

Place: Oxford, MS, USA

Date: 11-14 Apr 2016

- **42nd Annual MALTO Medicinal Chemistry–Pharmacognosy Meeting**

Place: Oxford, MS, USA

Date: 17-19 May, 2015

- **15th International Conference on The Sciences of Botanicals**

Place: Oxford, MS, USA

Date: 8-11 Apr, 2015

- **Introduction of European Regulatory Affairs**

Place: Cambridge, UK

Date: Aug, 2012

- **Medication Safety: A Mission for All Symposium**

Place: Riyadh, SA

Date: 13-14 Apr, 2010

- **8th International Saudi Pharmaceutical Conference.**

Place: Riyadh, SA

Date: 25-28 Apr, 2010

- **1st International Cardiovascular Pharmacotherapy Conference and Exhibition.**

Place: Riyadh, SA

Date: 12-13 Jan, 2010

## SKILLS

Project management, change management, quality management, stakeholder engagement, decision making, creative and critical thinking, risk management, strategic negotiation, team leadership, conflict resolution, strategic planning, problem solving, and financial analysis

LAST UPDATED:

01/24/2026