

## Faculty Portofolio

### **Dr. Ali Musfer Alqahtani**

Associate Professor  
Pharmacology Department

College of Pharmacy

King Khalid University

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### **Education:**

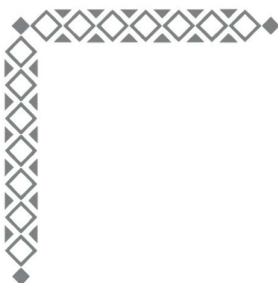
<b>Year of Graduation</b>	<b>Qualifications (Specializations if any)</b>	<b>University/College, Country</b>
2018	PHD	De Montfort University, Leicester, United Kingdom
2014	M.Sc. Phaarmacology	MSPHS university, Boston, USA
2009	B.Sc. Pharmaceutical Sciences	Faculty of Pharmacy, King Khalid University, Abha, Saudi Arabia

### **Professional experience:**

<b>Year</b>	<b>Positions</b>	<b>University/College, Country</b>
2021 -2023	Dean of Student Affairs Deanship	Student Affairs Deanship, King Khalid University, Abha, KSA
Jan, 2019-2021	Head of the Pharmaceutical Department	College of Pharmacy, King Khalid University, Abha, KSA
June, 2019 – December, 2019	Coordinator of the Pharmacology Department	College of Pharmacy, King Khalid University, Abha, KSA
Jan, 2019 – present	Supervisor for College of Pharmacy's social media	College of Pharmacy, King Khalid University, Abha, KSA
July., 2019 – September, 2019	Supervisor of international training course	NCG college group, Manchester, UK

### **Community service activities (Delete the excessive column/this section if necessary)**

<b>Year</b>	<b>Positions &amp; Name of the Project</b>	<b>University/Company, Country</b>
Jan, 2019 – present	Member of Community service activities committees	College of Pharmacy, King Khalid University, Abha, KSA



August, 2020	Organized six training course entitled "the pharmacist..and future"	College of Pharmacy, King Khalid University, Abha, KSA
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**Workshops/ Trainings: (Delete the excessive column/ this section if necessary)**

Year	Title	University/Company, Country
June 24th 2023	Critical Functions Identification Workshop	Istanbul, Turkey
September 21st 2021	Data quality assessment workshop	Education and Training Evaluation Commission
25-27 October, 2014	The 1 <sup>st</sup> regional workshop for a TEMPUS project entitled " Developing Interdisciplinary Minors on Climate Change and Sustainability Policy" CLIMASP.	Amman University, Jordan.
April 29th –May 3rd , 2011	Training of Trainers (Training Skills). Training course designed by Cairo University Innovation Support Office, TEMPUS project UNCHAIN JP 00241 2008.	University Hassan II, Casablanca, Morocco
July 12-16, 2010	Technology Transfer Processes and Tools. Politecnico Di Milano Training Workshop, TEMPUS project UNCHAIN JP 00241 2008.	Politecnico Di Milano, Milan, Italy

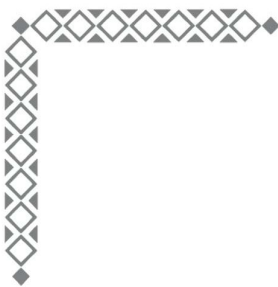
**Research interests:**

My research interest is studying the role of mitogen and stress-activated protein kinases to regulate key aspects of cell metabolism. We are also studying signalling by tyrosine kinases in response to toxicological agents or cell stress.

**Teaching experience:**

- Teaching Basic and Clinical Pharmacology courses for medical students at King Khalid University, 2018-2024.
- Teaching Pharmacology and Toxicology courses for Pharmacy students at King Khalid University, 2018-2024.
- Teaching Pharmacology courses for Dentistry and Physiotherapy students at King Khalid University, 2018-20202420.
- Teaching Drug and Narcotics for Diploma students at King Khalid University, 2020.

**Research grants: (limit to recent 3-5 grants)**



Year/Duration of Grant	Title of the Project	Awarding Body
July, 2020- Dec, 2020	Pharmacological Evaluation of Renal Modulatory Effect of Febuxostat in Gentamicin-Induced Nephrotoxicity in Rats <b>Grant Number 219</b>	King Khalid University, Abha, Kingdom of Saudi Arabia,
July, 2021- Dec, 2021	Development of a double-loaded dry emulsion containing atorvastatin and quercetin for the treatment of lung cancer	King Khalid University, Abha, Kingdom of Saudi Arabia,
July, 2022- Dec, 2022	Lupenone, a remarkable chemical obtained from Euphorbia segetalis to enhance affinity for a transcription factor that amplifies drought tolerance in Solanum lycopersicum: a cutting-edge computational biology approach	King Khalid University, Abha, Kingdom of Saudi Arabia,

**Publications: (Include recent 5-10 publications)**

- Cichorium intybus L. significantly alleviates cigarette smoke-induced acute lung injury by lowering NF- $\kappa$ B pathway activation and inflammatory mediators

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- A Retrospective Cohort Study of the Association Between Calcium Serum Level and Hypertension in Older Adults

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- Bioinspired ferromagnetic CoFe<sub>2</sub>O<sub>4</sub> nanoparticles: Potential pharmaceutical and medical applications

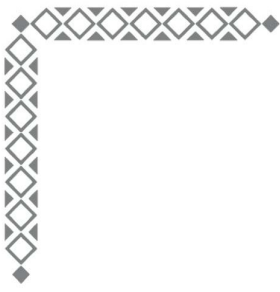
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- Biodegradable Polymeric Pharmaceutical Nanoemulgel Coloaded with Eucalyptol-Lornoxicam: Fabrication and Characterizations for Possible Better Pain Management

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- Preparation and Characterization of Dummy Template Molecularly Imprinted Polymers Coupled with HPLC for Selective Extraction of Spiked Cloprostenol from Milk Samples

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- 5-Fluorouracil-Loaded PLGA Nanoparticles: Formulation, Physicochemical Characterisation, and In Vitro Anti-Cancer Activity
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