

Name	Dr. Abdulaziz K. Al Mouslem		
Specialization	Pharmacology		
Current Position	Assistant Professor		
Contact email (Official)	aalmoslem@kfu.edu.sa		
Alternate email	akalmouslem@hotmail.com	Phone:	0135895306
Academic Qualifications	Degree/year/university/country	Ph.D. in Pharmaceutical Sciences (option in Pharmacology) / 2020 / Auburn University-USA	
	Degree/year/university/country	Doctor of Pharmacy (PharmD)/ 2012 / King Faisal University-KSA	
Teaching Experience		Assistant Professor	12/2020 – Present
	<i>College of Clinical Pharmacy, King Faisal University</i>		
	Taught weekly lectures in courses on Pharmacology (for PharmD students) and Research Projects (for MS students)		•
		Designed and implemented a change in course curriculum	•
	Coordinated with experts in the field of Pharmacology to give lectures to enrolled students.		•
		Teaching Assistant	09/2012 – 12/2020
	<i>College of Clinical Pharmacy, King Faisal University</i>		
	Preceptor for PharmD students in their APPE internship and IPPE training.		•
	Coordinated with experts in the field of Pharmacology to give lectures to enrolled students.		•
Courses Taught and Teaching in KFU	Pharmacology 1 (UG)		➤
	Pharmacology 2 (UG)		➤
	Pharmacology 3 (UG)		➤
	Pharmacology 4 (UG)		➤
	Toxicology (PG)		➤
	Research Project (PG)		➤

Research Interests	Infectious diseases . ¹ Diabetes . ² Hypertension . ³ Metabolic syndrome . ⁴
Research Grants Received	Reactivating & Rebuilding of Existing Labs Initiative from The Research, Development, and Innovation Authority (RDIA) Title: Renewing of the Pharmacology Research Laboratory in the College of Clinical Pharmacy at King Faisal University April 2024 – Present (3 years) Ambitious researchers track from DSR in KFU, 2024 (6 months) . ¹ Ambitious researchers track from DSR in KFU, 2022 (6 months) . ² Ra'ad track from DSR in KFU, 2021 (1 year) . ⁴
Publications	Basharat Z, Sattar S, Bahauddin AA, AI Mouslem AK , Alotaibi G. Screening Marine Microbial Metabolites as Promising Inhibitors of <i>Borrelia garinii</i> : A Structural Docking Approach towards Developing Novel Lyme Disease Treatment. <i>BioMed Research International</i> . 2024 Feb 29;2024. r AB, Kumar M, Khan S, AI Mouslem AK , Morsy MA, Tiwari A, Tiwari V, Kumari B. on, and in vitro Anti-Acne Activity of Tretinoin Nanocrystals Gel. <i>Ind. J. Pharm. Edu. Res.</i> 2023;57(4):1012-20. z OH, Alsenani F, AI Mouslem AK , Hisham M, El Zawily A, P. Glaeser S, Kämpfer R, El-Katatnye MM. Anti-infective potential of the endophytic fungus <i>Aspergillus sp. nia cordifolia</i> root supported by metabolomics analysis and docking studies. <i>Natural Product Research</i> . 2023 Aug 8:1-6. bbas MN, Burki S, Musad Saleh EA, AI Mouslem A , Alsaiani AA, A. Zaki ME, Khan K. Pharmacokinetics and drug-likeness of anti-cancer traditional Chinese medicine: ng and molecular dynamics simulation study. <i>Journal of Biomolecular Structure and Dynamics</i> . 2023 May 22:1-2. gere SS, Alotaibi G, AI Mouslem AK , Bahauddin AA, Shivanandappa TB, Ramu R. c Activity of Potential Probiotics <i>Limosilactobacillus</i> spp., <i>Levilactobacillus</i> spp., and . Isolated from Fermented Sugarcane Juice: A Comprehensive In Vitro and In Silico Study. <i>Nutrients</i> . APR 2023 ; 15(8):1882. Alam Y, Alotaibi G, AI Mouslem A , Uddin R, Hassan SS, Basharat Z. An integrated roach to infer therapeutic targets from <i>Campylobacter concisus</i> and peptidomimetic ition of its pyrimidine metabolism pathway. <i>J Biomol Struct Dyn</i> . 2023 Mar 31:1-11. n AK , Khalil HE, Emeka PM, Alotaibi G. Investigation of the Chemical Composition, Antilipidemic Effects of <i>Bassia eriophora</i> and Its Derived Constituent, Umbelliferone et and Streptozotocin-Induced Diabetic Rats. <i>Molecules</i> . 2022 Oct 16;27(20):6941. AB, Mouslem AKA , Venugopala KN, Goyal M, Bansal M, Jacob S, Deb PK. Novel for the Treatment of Neuropathic Pain: Potential and Pitfalls. <i>J Clin Med</i> . 2022 May 26;11(11):3002. ouslem AK , Khan SA, Abbas MN, Abbas M, Shah SA, Jalal K. Pan genome based / approach to explore <i>Enterococcus faecium</i> (VRE) strains for identification of novel multi-epitopes vaccine candidate. <i>Immunobiology</i> . 2022 May 1;227(3):152221. A, Shafique M, Alotaibi G, Mouslem AA , Rehman M, Khan MA, Gul S. Formulation ion and In-Vivo Assessment of Cefixime Loaded Binary Solid Lipid Nanoparticles to I Bioavailability. <i>Journal of Biomedical Nanotechnology</i> . 2022 Apr 1;18(4):1215-26. lem AK . Antidiabetic and Hypolipidemic Potentials of Extract of <i>Picris Babylonica</i> in -Induced Diabetic Model in Rats. <i>Biomedical and Pharmacology Journal</i> . 2022 Mar 31;15(1):261-7. . KA , Nair AB, Venugopala KN, Attimarad M, Singh VA, Nagaraja S, Alotaibi G, Deb Antimicrobial Drug Discovery in the Resistance Era. <i>Pharmaceuticals (Basel)</i> . 2022 Mar 28;15(4):413.

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- Basharat Z, Khan K, Jalal K, Ahmad D, Hayat A, Alotaibi G, **AI Mouslem A**, Aba Alkhayl FF, Almatroudi A. An in silico hierarchal approach for drug candidate mining and validation of natural product inhibitors against pyrimidine biosynthesis enzyme in the antibiotic-resistant *Shigella flexneri*. *Infect Genet Evol.* **2022 Mar**;98:105233.
- Kumar M, Tiwari A, Asdaq SMB, Nair AB, Bhatt S, Shinu P, **AI Mouslem AK**, Jacob S, Alamri AS, Alsanie WF, Alhomrani M, Tiwari V, Devi S, Pathania A, Sreeharsha N. Itraconazole loaded nano-structured lipid carrier for topical ocular delivery: Optimization and evaluation. *Saudi J Biol Sci.* **2022 Jan**;29(1):1-10.
- Emeka PM, Babatunde KY, Attimarad M, **AI Mouslem AK**. Possible correction of thiazide-induced hypokalemia with co-administration of date palm fruits with hydrochlorothiazide in rats. *Pharmacognosy Magazine.* **2022 Jan 1**;18(77):242-6.
- Afroj S, Brannen AD, Nasrin S, **AI Mouslem A**, Hathcock T, Maxwell H, Rasmussen-Ivey CR, Sandage MJ, Davis EW, Panizzi P, Wang C, Liles MR. *Bacillus velezensis* AP183 Inhibits *Staphylococcus aureus* Biofilm Formation and Proliferation in Murine and Bovine Disease Models. *Front Microbiol.* **2021 Oct 8**;12:746410.
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**Presentations
And
abstracts**

**Works
shops /
Seminars
attended**
