

Name	Dr. Bandar E. Aldhubiab		
Specialization	Pharmaceutics		
Current Position	Head, Department of Pharmaceutical Sciences		
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Academic Qualifications	Degree/year/university/country	Ph D Degree in Pharm. Sci, 2005-2010, College of Pharmacy, University of Arizona, USA	
	Degree/year/university/country	B. Pharm. Sci., 2004, College of Pharmacy, King Saud University KSA	
Teaching Experience	<ul style="list-style-type: none"> ➤ 2015 till date : Associate professor, College of Clinical Pharmacy, King Faisal University. KSA ➤ October 2010- 2015: Assistant professor, College of Clinical Pharmacy, King Faisal University. KSA ➤ February 2005- October 2005: Demonstrator (Teaching Assistant), College of Pharmacy, King Abdulaziz University, Kingdom of Saudi Arabia. 		
All the Courses Taught and Teaching in KFU with Course number	<ul style="list-style-type: none"> ➤ 2010111: Fundamentals of Pharmaceutics ➤ 2010223: Pharmaceutical Dosage Form ➤ 2030415: Clinical Pharmacokinetics ➤ 2010314: Biopharmaceutics 		
Research Interests	<ol style="list-style-type: none"> 1. Increasing water solubility of drugs. 2. Formulation and development of targeted delivery. 3. Study of eutectic mixtures 		
Research Grants Received	<ol style="list-style-type: none"> 1. Coinvestigator - Ungual and transungual delivery of antimycotic agents by constant low voltage iontophoresis for treating onychomycosis: A non-invasive approach, King Abdulaziz city for Science and Technology (KACST), National Science, Technology and Innovation Plan under Strategic Technology program, KSA (SAR 600000, Period 2020-22), (Grant # 12-MED3163-06). 2. Coinvestigator - Design, characterization, and evaluation of intranasal delivery of darunavir loaded mucoadhesive nasal gel for brain targeting, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 30000, Period 2022), (Grant # AN000129). 3. Coinvestigator - Adenosine-conjugated lipid nanoparticles of chrysin as improved therapeutic in colitis: proof-of-concept, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 30000, Period 2022), (Grant # AN000107). 		



Publications
(Latest publications)

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4. Coinvestigator - Nanoparticulate System for Treatment of Various Disorders, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 299000, Period 2020-2022), (Grant # 1811021).
 5. Principal investigator- The beneficial effect of boswellic acid on bone metabolism and possible mechanisms of action in experimental osteoporosis, Ministry of Education, Saudi Arabia (SAR 30000, Period 2020), (Grant # IFT20077).
 6. Coinvestigator - Development of mucoadhesive buccal film of rizatriptan: in vitro and in vivo evaluation, Ministry of Education, Saudi Arabia (SAR 30000, Period 2020), (Grant # IFT20182).
 7. Coinvestigator - Mechanisms of antidiabetic activity of methanolic extract of punica granatum leaves in nicotinamide/streptozotocin-induced type 2 diabetes in rats, Ministry of Education, Saudi Arabia (SAR 30000, Period 2020), (Grant # IFT20093).
 8. Coinvestigator - In silico design, Synthesis, Characterization, Screening, Formulation, and Simultaneous determination of anti-tubercular, anticancer or cardiovascular drugs, Ministry of Education, Saudi Arabia (SAR 3000000, Period 2019-2022), (Grant # 1058).
 9. Coinvestigator - HPMC-and PLGA-based nanoparticles for the mucoadhesive delivery of Sitagliptin: Optimization and in vivo evaluation in rats, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 30000, Period 2019), (Grant # 186175).
 10. Coinvestigator -A nanocarrier system for site specific targeting of Gemcitabine to improve the treatment of Hepatocellular carcinoma, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 82000, Period 2018-2019), (Grant # 180009).
 11. Principal investigator-Development of a novel drug delivery system of almotriptan to improve the pharmacotherapy of migraine, Deanship of Scientific research, King Faisal University, KSA (SAR 99000, Period 2018-2019).
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1. Alfehaid FS, Nair AB, Shah H, **Aldhubiab B**, Shah J, Mewada V, Jacob S, Attimarad M. Enhanced transdermal delivery of apremilast loaded ethosomes: Optimization, characterization and in vivo evaluation. *Journal of Drug Delivery Science and Technology*. 2024 Jan 1;91:105211.
 2. Nair AB, **Aldhubiab B**, Shah J, Jacob S, Attimarad M, Sreeharsha N, Venugopala KN, Joseph A, Morsy MA. Design, Development, and Evaluation of Constant Voltage Iontophoresis for the Transungual Delivery of Efinaconazole. *Pharmaceutics*. 2023 May 6;15(5):1422.
 3. Alissa I, Nair AB, **Aldhubiab B**, Shah H, Shah J, Mewada V, Almuqbil RM, Jacob S. Design, Development, and Evaluation of Treprostinil Embedded Adhesive Transdermal Patch. *Pharmaceutics*. 2023 Apr 12;15(4):1226.
 4. Alnaim AS, Shah H, Nair AB, Mewada V, Patel S, Jacob S, **Aldhubiab B**, Morsy MA, Almuqbil RM, Shinu P, Shah J. Qbd-Based Approach to Optimize Niosomal Gel of Levosulpiride for Transdermal Drug Delivery. *Gels*. 2023 Mar 10;9(3):213.
 5. Nair AB, Dalal P, Kadian V, Kumar S, Garg M, Rao R, Almuqbil RM, Alnaim AS, **Aldhubiab B**, Alqattan F. Formulation Strategies for Enhancing Pharmaceutical and Nutraceutical Potential of Sesamol: A Natural Phenolic Bioactive. *Plants*. 2023 Mar 3;12(5):1168.
 6. Nair AB, Chaudhary S, Jacob S, Patel D, Shinu P, Shah H, Chaudhary A, **Aldhubiab B**, Almuqbil RM, Alnaim AS, Alqattan F. Intranasal Administration of Dolutegravir-Loaded Nanoemulsion-Based In Situ Gel for Enhanced Bioavailability and Direct Brain Targeting. *Gels*. 2023 Feb 3;9(2):130.
 7. Nair AB, Dalal P, Kadian V, Kumar S, Kapoor A, Garg M, Rao R, **Aldhubiab B**, Sreeharsha N, Almuqbil RM, Attimarad M. Formulation, Characterization, Anti-Inflammatory and Cytotoxicity Study of Sesamol-Laden Nanosponges. *Nanomaterials*. 2022 Nov 26;12(23):4211.
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8. Nair AB, Gorain B, Pandey M, Jacob S, Shinu P, **Aldhubiab B**, Almuqbil RM, Elsewedy HS, Morsy MA. Tocotrienol in the Treatment of Topical Wounds: Recent Updates. *Pharmaceutics*. 2022 Nov 16;14(11):2479.
 9. Sreeharsha N, Prasanthi S, Mahalakshmi SV, Goudanavar PS, Naveen NR, Gowthami B, Fattepur S, Meravanige G, Asdaq SM, Anwer MK, **Aldhubiab B**. Enhancement of Anti-Tumoral Properties of Paclitaxel Nano-Crystals by Conjugation of Folic Acid to Pluronic F127: Formulation Optimization, In Vitro and In Vivo Study. *Molecules*. 2022 Nov 16;27(22):7914.
 10. Shinu P, Sharma M, Gupta GL, Mujwar S, Kandeel M, Kumar M, Nair AB, Goyal M, Singh P, Attimarad M, Venugopala KN, Nagaraja S, Telsang M, **Aldhubiab B**, Morsy MA. Computational Design, Synthesis, and Pharmacological Evaluation of Naproxen-Guaiacol Chimera for Gastro-Sparing Anti-Inflammatory Response by Selective COX2 Inhibition. *Molecules*. 2022 Oct 14;27(20):6905.
 11. Alaithan S, Naveen NR, Goudanavar PS, Bhavani PD, Ramesh B, Koppuravuri NP, Fattepur S, Sreeharsha N, Nair AB, **Aldhubiab BE**, Shinu P. Development of Novel Unfolding Film System of Itopride Hydrochloride Using Box-Behnken Design—A Gastro Retentive Approach. *Pharmaceutics*. 2022 Aug 10;15(8):981.
 12. Asif, A.H., Kaliyadan, F., Gite, V.V., **Aldhubiab, B.E.**, Nanjappa, S.H., Meravanige, G. and Sreeharsha, N., 2022. Standardization of topical preparations for finger-tip unit—Awareness and attitudes among pharmacists and dermatologists and suggestions to improve standardization of topical drug dosing—A two-phase cross-sectional survey. *Journal of Cosmetic Dermatology*, 21(8), pp.3555-3560.
 13. Nair AB, Chaudhary S, Shah H, Jacob S, Mewada V, Shinu P, **Aldhubiab B**, Sreeharsha N, Venugopala KN, Attimarad M, Shah J. Intranasal Delivery of Darunavir-Loaded Mucoadhesive In Situ Gel: Experimental Design, In Vitro Evaluation, and Pharmacokinetic Studies. *Gels*. 2022 May 30;8(6):342.
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Presentations and Abstracts

1. Society for Laboratory Automation and Screening (SLAS) Annual Conference and exhibition held during January 25-29, 2020, San Diego, CA.
 2. International Society for Aerosols in Medicine (ISAM) Congress held during May 25-29, 2019, Montreux, Switzerland.
 3. 14th Winter Conference on Medicinal & Bioorganic Chemistry held during January 27- 31, 2019, Colorado
 4. ASHP Midyear Clinical meeting and exhibition held during December 3-7, 2017, Orlando, FL.
 5. AAPS Annual Meeting and Exposition held during November 13-17, 2016, Denver, CO.
 6. AAPS Annual Meeting and Exposition held during October 25-29, 2015, Orlando, FL.
 7. AAPS Annual Meeting and Exposition held during November 2-6, 2014, San Diego, CA.
 8. AAPS Annual Meeting and Exposition held during November 10-14, 2013, San Antonio, TX.
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Memberships

- Saudi Pharmaceutical Society
 - American Association of Pharmaceutical Society (AAPS).
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