

Staff Handbook

Name	Prof. Mohammed Saleh Al Aboody		
Post	Professor		
Academic career	Initial academic appointment	Institution	Year
	Doctorate (<i>Molecular Diagnosis</i>)	King Saud University	2011
	Master of Veterinary Medicine	Qassim University	2005
	Bachelor of Veterinary Medicine	King Saud University	1993
Employment	Position	Employer	Period
	Assistant Professor	Majmaah University	2011-2016
	Associate Professor	Majmaah University	2016-2020
	Professor	Majmaah University	2020
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Research Title: Bacteriophage mediated chitosan nano-carriers for (+)- Catechin delivery: Potent antiproliferative activity against cancer cells and gram-negative bacteria. Project No: R2025-2015. Funded by: Deputyship of Postgraduate Studies and Scientific Research at Majmaah University-KSA • Research Project on: Development of anti-cancer and anti-bacterial potentials of functional nanomaterials against experimental cancer model and multi-drug resistant bacterial pathogens. (Co-Investigator) Project No: IFP-2022-20. Funded by: Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia. • Project on: Stroke Research; Project No: IFP-2020-38 (Co-Investigator) Funded by: Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia 		
Industry collaborations over the last 5 years	<ul style="list-style-type: none"> • Founding member of the Al-Khairiya Association for the Care of the Disabled in Al-Muthnib. • Founding member of the Al-Muthnib Orphan Care Charity Association • Chairman of the Board of the Charitable Society for Orphan Care in Al-Muthnib 		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	Suresh Mickymaray; Mohammed Saleh Al Aboody ; Mostafa M. Eraqi; Wardah A. Alhoqail; Abdulaziz S. Alothaim; Esam S. AlMalki, Faleh Al. Alfaleh; Kaviya Suresh; Palanisamy Arulselvan. Bacteriophage mediated chitosan nano-carriers for (+)-Catechin delivery: Potent antiproliferative activity against cancer cells and gram-negative bacteria. Journal of Drug delivery Science and Technology. 2025. 106551. https://doi.org/10.1016/j.jddst.2024.106551 (Q1; IF: 4.5)		

	<p>Suresh Mickymaray; Mohammed Saleh Al Aboody; Mostafa M Eraqi; Wardah A Alhoqail; Abdulaziz S Alothaim; Kaviya Suresh; Palanisamy Arulselvan. Chitosan-encapsulated nickel oxide, tin dioxide, and farnesol nanoparticles: Antimicrobial and anticancer properties in breast cancer cells. <i>Int. J. Biol. Macromol.</i> 2023, 125799. doi.org/10.1016/j.ijbiomac.2023.125799 (Q1; IF: 8.2)</p> <p>Suresh Mickymaray; Mohammed Saleh Al Aboody; Mostafa M Eraqi; Wardah A Alhoqail; Abdulaziz S Alothaim; Kaviya Suresh. Biopolymer Chitosan Surface Engineering with Magnesium Oxide-Pluronic-F127-Escin Nanoparticles on Human Breast Carcinoma Cell Line and Microbial Strains. <i>Nanomaterials.</i> 2023, 13 (7), 1227. doi.org/10.3390/nano13071227 (Q1; IF: 5.719)</p> <p>Rajendran Vijayakumar; Palanisamy Manikandan; Faiz Alfaiz; Mohammad Saleh Al Aboodi; Suresh Mickymaray; Moorthy Kannaiyan; Balaji Bhanoth; Alaguraj Veluchamy. Prediction of protein aggregation on key proteins involved in ischemic stroke. <i>Journal of King Saud University – Science.</i> 2023, 35 (2), 102474. (Q2; IF: 3.829)</p> <p>Mickymaray, S.; Al Aboody, M.S. Anti-Fungal Efficacy of Flavonoids. <i>Scholarly Community Encyclopedia.</i> 2021. https://encyclopedia.pub/item/revision/983afa86e2fac3cb6f0797f8e7015dc1</p> <p>Mickymaray Suresh and Aboody et.al., Investigations of Bioactivity of <i>Acalypha indica</i> (L.), <i>Centella asiatica</i> (L.) and <i>Croton bonplandianus</i> (Baill) against Multidrug Resistant Bacteria and Cancer cells. <i>Journal of Herbal Medicine.</i> 2021. https://doi.org/10.1016/j.hermed.2020.100359. (IF: 2.221)</p> <p>K. Ganesan; S. Mickymaray; M.S. Aboody; F.A. Alfaiz; R. Thatchinamoorthi; B. Xu. Immunomodulatory and antineoplastic efficacy of common spices and their connection with phenolic antioxidants. <i>Bioactive Compounds in Health and Disease.</i> 2020, 3, 15-31. 10.31989/bchd.v3i2.687.</p> <p>Al Aboody, M.S.; Mickymaray, S. Anti-Fungal Efficacy and Mechanisms of Flavonoids. <i>Antibiotics.</i> 2020, 9, 45. https://doi.org/10.3390/antibiotics9020045 (IF: 3.893)</p>
Activities in specialist bodies over the last 5 years	Editor and Reviewer at the <i>Journal of Experimental and Applied Animal Sciences</i> ; <i>American Journal of clinical infectious diseases</i> ; <i>American Journal of Parasitology</i> ; <i>American Journal of animal and veterinary research</i> .