

Staff Handbook

Name	<i>Wardah Abdulaziz Alhoqail</i>		
Post	Associate Professor, Department of Biology, College of Science		
Academic career	<i>Teaching Assistant, Department of Biology</i>	<i>College of Education</i>	2007
	Lecturer	<i>College of Education</i>	2012
	Assistant Professor	<i>College of Science</i>	2021
	Associate Professor	<i>College of Science</i>	2025
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	<i>Associate Professor, Majmaah university</i>		
	<i>Since 2007</i>		
Research and development projects over the last 5 years	<ul style="list-style-type: none"> - ALHOQAIL, W. A. (2024). ACC-Deaminase producing <i>Pseudomonas putida</i> RT12 inoculation: A promising strategy for improving <i>Brassica juncea</i> tolerance to salinity stress. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i>, 52(1), 13550-13550. https://doi.org/10.15835/nbha52113550 ALHOQAIL, W. A. (2025) Exopolysaccharide-Producing PGPR: Mechanisms for Alleviating Salinity-Induced Plant Stress. <i>Polish Journal of Environmental Studies</i> 		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<p>List of publication: Dr. Wardah Alhoqail</p> <ul style="list-style-type: none"> Abdelaziz, A. M., Attia, M. S., Salem, M. S., Refaay, D. A., Alhoqail, W. A., & Senousy, H. H. (2022). Cyanobacteria-mediated immune responses in pepper plants against fusarium wilt. <i>Plants</i>, 11(15), 2049. https://doi.org/10.3390/plants11152049 Saadh, M.J., Rashed, A.B., Jamal, A., Castillo-Acobo, R.Y., Kamal, M.A., Cotrina-Aliaga, J.C., Gonzáles, J.L.A., Alothaim, A.S., Alhoqail, W.A., Ahmad, F. and Lakshmaiya, N (2023). miR-199a-3p suppresses 		

	<p>neuroinflammation by directly targeting MyD88 in a mouse model of bone cancer pain. <i>Life Sciences</i>, 333, 122139. https://doi.org/10.1016/j.lfs.2023.122139</p> <ul style="list-style-type: none"> Alhoqail, W. A., Alothaim, A. S., Suhail, M., Iqbal, D., Kamal, M., Asmari, M. M., & Jamal, A. (2023). Husk-like zinc oxide nanoparticles induce apoptosis through ROS generation in epidermoid carcinoma cells: effect of incubation period on sol-gel synthesis and anti-cancerous properties. <i>Biomedicines</i>, 11(2), 320. https://doi.org/10.3390/biomedicines11020320 Mickymaray, S., Al Aboody, M. S., Eraqi, M. M., Alhoqail, W. A., Alothaim, A. S., & Suresh, K. (2023). Biopolymer chitosan surface engineering with magnesium oxide-pluronic-f127-escin nanoparticles on human breast carcinoma cell line and microbial strains. <i>Nanomaterials</i>, 13(7), 1227. https://doi.org/10.3390/nano13071227 Alothaim, A. S., Alhoqail, W. A., Menakha, M., & Vijayakumar, R. (2024). Combining molecular modelling and experimental approaches to gain mechanistic insights into the LuxP drug target in <i>Streptococcus pyogenes</i>. <i>Journal of Biomolecular Structure and Dynamics</i>, 42(18), 9494-9504. https://doi.org/10.1080/07391102.2023.2252079 Senousy, H. H., El-Sheekh, M. M., Saber, A. A., Khairy, H. M., Said, H. A., Alhoqail, W. A., & Abu-Elsaoud, A. M. (2022). Biochemical analyses of ten cyanobacterial and microalgal strains isolated from egyptian habitats, and screening for their potential against some selected phytopathogenic fungal strains. <i>Agronomy</i>, 12(6), 1340. https://doi.org/10.3390/agronomy12061340 Jamal, A., Alothaim, A. S., Al-Malki, E. S., Alhoqail, W. A., Ahmad, F., Yousif, A. A. M., ... & Pandey, S. (2024). Nanoscale FeSe2 particle mediated mitigation of oxidative lesions: Impact on DNA, protein, and cellular integrity in in-vitro models. <i>Inorganic Chemistry Communications</i>, 164, 112414. https://doi.org/10.1016/j.inoche.2024.112414 						
<p>Activities in specialist bodies over the last 5 years</p>	<table border="1"> <thead> <tr> <th data-bbox="526 1769 813 1814"><i>Organisation</i></th> <th data-bbox="813 1769 1085 1814"><i>Role</i></th> <th data-bbox="1085 1769 1420 1814"><i>Period</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="526 1814 813 1951">-</td> <td data-bbox="813 1814 1085 1951"></td> <td data-bbox="1085 1814 1420 1951"></td> </tr> </tbody> </table>	<i>Organisation</i>	<i>Role</i>	<i>Period</i>	-		
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