Staff Handbook

Name	**Dr. Esam S. Al-Malki**		
Post	Professor in Parasitology, Department of Biology Dean of College of Science, Majmaah University		
Academic career	***Initial academic appointment***	***Institution***	***Year***
	B. Sc. Degree	*King Saud University*	1999
	M.Sc. Degree *Environmental Science*	*King Saud University*	*2009*
	Ph.D in Parasitology	King Saud University	2017
Employment	*Lecture*	*Majmaah university*	*2009*
	Assistant Professor	*Majmaah university*	2017
	Associate Professor	*Majmaah university*	*2020*
	Professor	*Majmaah university*	*2025*
	Dean of College of Science	*Majmaah university*	*2022 to at present*
Research and development projects over the last 5 years	- *Identification of Praziquantel derivatives to target serpin for inhibiting Schistosoma infection in human using molecular docking and network pharmacology approach,* - *Exploring the Infectious Drug Target Glutathione S-Transferase in Plasmodium falciparum with the Inhibitory Potential of Azadirachta indica Phytocompounds* - *Structural studies on azadirachtin targeting the glucuronosyltransferase from lymphatic filariasis and its inhibition* - *The impacts of climate change on the global range of Culicoides punctatus (Meigen, 1804) with notes on its status in Saudi Arabia*		
Important publications over the last 5 years	- *Biofabricated nanomaterials Derived from Pleurotus ostreatus: Novel Approaches for Aedes aegypti Management, Esam S. Al-Malki, Suresh Mickymaray, Biomass Conversion and Biorefinery, Dec. 2024 https://doi.org/10.1007/s13399-024-06401-8* - *Cassia alata extract exerts antioxidant power to mitigate Eimeria papillata-induced liver damage in mice. Esam S. Al-Malki, Rabab E. Elshershaby, Rewaida Abdel-Gaber, Felwa A. Thagfan, Mohamed A. Dkhil, Shaimaa M. Kasem. Indian Journal of Animal Research, Dec. 2024* - *Eco friendly approach to pest control using Copper oxide/ sodium alginate/pluronic F-127 for larvicidal activity against Helicoverpa armigera. Esam S. Al-Malki, Suresh Mickymaray, Int. J. Pharm. Investigation, 2025; 15(1):287-294.* - *Scorpion crude venom induced apoptosis and structural changes of Echinococcus granulosus protoscolices,Esam S. Al-Malki , Manei M. Aljedaie , Omar S.O. Amer , Naser Abdelsater , Ahmed Badry. Journal of King Saud University–Science 34 (2022) 101937,* - *Facile selective phenolic sensor fabrication based on CuO@Nd2O3 nanocomposites,Microchemical Journal* - *A new species of Kannaphallus (Polyopisthocotylea: Heteraxinidae) parasitic on the twobar seabream Acanthopagrus bifasciatus (Sparidae, Teleostei) in Saudi Arabia*		

Activities in specialist bodies over the last 5 years	▪ *Embassy of Saudi Arabia in Pakistan, Saudi Cultural Attaché [2022-2023]* ▪ *Advisor to the University Vice President for Graduate Studies and Scientific Research [2021-2022]* ▪ *General Supervisor of the General Secretariat of the University Council [2021-2022]*