

Staff Handbook

Name	Rehab M. Mosaad		
Post	Associated Professor		
Academic career	Associate Professor	Ain Shams University, Cairo, Egypt	<i>Year</i> 2018
	Ph.D. of Animal Science	Ain Shams University, Cairo, Egypt	<i>Year</i> 2008
	M.Sc. of Animal Science	Ain Shams University, Cairo, Egypt	<i>Year</i> 2004
	B.Sc. of Zoology/ Demonstrator	Ain Shams University, Cairo, Egypt	<i>Year</i> 2002
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Demonstrator in Zoology department	Ain Shams University, Cairo, Egypt	2002-2004
	Lecturer	Ain Shams University, Cairo, Egypt	2004-2008
	Assistant Professor	Ain Shams University, Cairo, Egypt	2008- 2018
	Associated Professor	Ain Shams University, Cairo, Egypt	2018- <i>present</i>
Research and development projects over the last 5 years	<p>Name of project: Enhancement of Antimicrobial and Dyeing Properties of Cellulosic Fabrics via Chitosan Nanoparticles.</p> <p>Period: 2021-2022</p> <p>Partners: Majmaah University</p> <p>Amount of financing: 9000 RS</p> <p>Name of project: A Review of Chitosan and Chitosan Nanofiber: Preparation, Characterization, and Its Potential Applications.</p> <p>Period: 2022-2023</p> <p>Partners: Majmaah University</p> <p>Amount of financing: 9000 RS</p>		

Industry collaborations over the last 5 years	No formal collaborations with industry in the last five years.
Patents and proprietary rights	<i>No patents or proprietary rights have been registered during the last five years.</i>
Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx.</i></p> <p>(give total number):10</p> <p>1- MA Ibrahim, MH Alhalafi, EAM Emam, H Ibrahim, RM Mosaad: A review of chitosan and chitosan nanofiber: Preparation, characterization, and its potential applications. <i>Polymers</i> 15 (13), 2820</p> <p>2- RM Mosaad, MH Alhalafi, EAM Emam, MA Ibrahim, H Ibrahim: Enhancement of antimicrobial and dyeing properties of cellulosic fabrics via chitosan nanoparticles. <i>Polymers</i> 14 (19), 4211</p> <p>3- AH Abu Almaaty, RM Mosaad, MK Hassan, EHA Ali, GA Mahmoud: <i>Urtica dioica</i> extracts abolish scopolamine-induced neuropathies in rats. <i>Environmental Science and Pollution Research</i> 28 (14), 18134-18145</p> <p>4- HA Ghazal, AA El-Masry, RM Mosaad: Multifunction finishing of cellulose based fabrics via 3-Chloro-2-hydroxypropyl trimethyl ammonium chloride (Quat-188) and silver nanoparticles (AgNPs) to improve its Dyeability and Antibacterial. <i>Biointerface Research in Applied Chemistry</i> 11 (4), 11666-11678</p> <p>5- MA Ibrahim, RM Mosaad: Effect of Environmental Contaminants on Antioxidant Defense System in Fringe-Lip Mullet (<i>Crenimugil crenilabis</i>) from Suez Canal, Egypt. <i>Bulletin of Environmental Contamination and Toxicology</i> 106 (5), 779-785</p> <p>6- SA Sabry, MA Ibrahim, RM Mosaad: Biochemical, histological and ultrastructural studies on the ameliorative effects of chrysin on the hepatotoxicity of clonazepam in developing male albino rats. <i>African Journal of Biological Sciences</i> 18 (2), 161-175</p> <p>7- RM Mosaad, MA Ibrahim, HA Sabry: The Prophylactic Role of Chrysin against Clonazepam Induced Brain Toxicity in Male Albino Rats. <i>UTTAR PRADESH JOURNAL OF ZOOLOGY</i> 45 (12), 261-268</p> <p>8- NE Hassan, SA El-Masry, WA Zarouk, GN Eldeen, RM Mosaad, MAS Afify: Narrative role of vitamin D receptor with osteoporosis and obesity in a sample of Egyptian females: a pilot study. <i>Journal of Genetic Engineering and Biotechnology</i> 19 (1), 115</p> <p>9- RM Mosaad, KS Amr, EA Rabie, NO Mostafa, SA Habib, GY El-Kamah: Genomic alterations in the F8 gene correlating with severe hemophilia A in Egyptian patients. <i>Molecular genetics & genomic medicine</i> 9 (2), e1575</p> <p>10- GY El-Kamah, RM Mosaad, MB Taher, KS Amr: Defining the molecular pathology and consequent phenotypes in Egyptian HB patients. <i>Journal of Genetic Engineering and Biotechnology</i> 19 (1), 75</p>
Activities in specialist bodies over the last 5 years	Participated in departmental academic committees and internal review activities.

