

Staff Handbook

Name	DR. Azfar Jamal		
Post	Assistant Professor, Department of Biology, College of Science, Majmaah University		
Academic career	Ph.D. (Molecular Toxicology)	ICGEB	2017
	M.Sc. (Biotechnology)	Jamia Hamdard	2009
	B.Sc. (Biology)	Lucknow university	2006
Employment	Position	Employer	Period November
	Assistant Professor,	Department of Biology, College of Science, Majmaah University, Saudi Arabia	Nov 2019 – Present
	Post-doctoral Researcher,	University of Miami, USA	Jun 2018 – Oct 2019
	Research Scholar,	ICGEB, New Delhi	Sep 2017 – May 2018
	Ph.D. Scholar, ICGEB, New	Delhi, India	Nov 2012 – Aug 2017
	Junior Research Fellow	ICGEB, New Delhi, India	Jul 2010 – Oct 2012
Research and development projects over the last 5 years	<ol style="list-style-type: none"> 1. Therapeutic interventions of neurodegenerative diseases using nutraceuticals and drug repurposing approaches (Majmaah University, ongoing). 2. Molecular mechanisms of Esophageal Adenocarcinoma development (University of Miami, USA, 2018–2019). 3. Role of E3 ubiquitin ligases in Hepatitis B virus-induced hepatocarcinogenesis (ICGEB, India, 2012–2017). 		

Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	<p>1. Dukhyil, A.B., Zia, Q., Rehman, M.T., ... Jamal, A. (2024). Anti-aggregation potential of polyphenols from Ajwa date palm. *J. King Saud Univ.-Science*, 36(10), 103424.</p> <p>2. Jamal, A., & Kulsum, S.N. (2024). Targeting Mtor with Natural Metabolites to Manage Cancer Pathogenesis. *J. Pioneering Med. Sci.*, 13(4).</p> <p>3. Jamal, A. (2024). E3 Ubiquitin Ligases and Their Therapeutic Applications in Cancers. *J. Pharm. Bioallied Sci.*, 16(S3), S1984–S1986.</p> <p>4. Ali, M., Tabassum, H., ... Jamal, A. (2024). Valsartan modulates BDNF and provides neuroprotection against cerebral ischemic injury. *Mol. Neurobiol.*, 1–15.</p> <p>5. Wali, Z., Hattiwale, S.H., Jamal, A., Parvez, S. (2023). GLP-1/Sigma/RAGE receptors in Alzheimer’s disease pathology. *Ageing Res. Rev.*, 102134.</p>		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	Majmaah University and international forums	Active participant in scientific conferences and symposia at	2020–2024
	International Journals	Reviewer for various international journals in molecular biology and neurobiology fields	--