



Lasbela University

of Agriculture, Water & Marine Sciences

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Name:	Dr. Robina Manzoor		
Designation:	Assistant Professor		
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Cell No.:	03442632105		
Research Area:	Biomedical , neurosciences, metabolic engineering		
QUALIFICATION			
DEGREE	PASSING YEAR	MAJORS	UNIVERSITY
Ph.D	2020	Biomedical Engineering	BIT china
M.Sc	2010	Biochemistry	UOB Quetta
B.Sc	2008	Pure sciences	UOB Quetta
F.Sc	2006	Pre-Medical	BBISE
PUBLICATIONS (NATIONAL/INTERNATIONAL)			
1	Arif Khan, Naveeda Riaz, Ijazul Hassan, Umer Farooq, Robina Manzoor, Aamir Rasool, Kaleemullah, Nadeem Iqbal, Shazia Erum. Effect of growth regulators on micropropagation of exotic potato (solanium tuberosum L.) under in-vitro condition. Agrociencia journal, 2021, 55		
2	Hadiqa Javaid, Ali Nawaz, Naveeda Riaz, Hamid Mukhtar, Ikram -Ul-Haq, Kanita Ahmed Shah, Hooria Khan, Syeda Michelle Naqvi, Sheeba Shakoor, Aamir Rasool, Kaleem Ullah, Robina Manzoor, Imdad Kaleem and Ghulam Murtaza. Biosynthesis of Polyhydroxyalkanoates (PHAs) by the Valorization of Biomass and Synthetic Waste. Molecules (2020), 25(23), 5539; https://doi.org/10.3390/molecules25235539 - 26 Nov 2020		
3	Robina Manzoor, Aamir Rasool, Maqbool Ahmed, Ullah Kaleem, Lucienne Nneoma Duru, Hong Ma, Yulin Deng. Synergistic Neuroprotective Effect of Endogenously-Produced Hydroxytyrosol and Synaptic Vesicle Proteins on Pheochromocytoma Cell Line Against Salsolinol. Molecules. (2020), 25, 1715.		

4	Robina Manzoor, M. Ahmed, N. Riaz, B.H. Kiani, U. Kaleem, Y. Rashid, A. Nawaz, M.U.F. Awan, H. Khan, U. Imtiaz, Y. Rasheed, I. Kaleem, A. Rasool, Self-redirection of metabolic flux toward squalene and ethanol pathways by engineered yeast. <i>Metabolites</i> . (2020) 10, 56, doi:10.3390/metabo10020056.
5	Mohib Ullah Kakar, Muhammad Naveed, Muhammad Saeed, Shicong Zhaoa, Madiha Rasheed, Sundas Firdoos, Robina Manzoor, Yulin Deng, Rongji Dai. A review on structure, extraction, and biological activities of polysaccharides isolated from <i>Cyclocarya paliurus</i> (Batalin) Iljinskaja. <i>International Journal of Biological Macromolecules</i> . Volume 156, 1 August (2020), 420-429. https://doi.org/10.1016/j.ijbiomac.2020.04.022
6	B. Chen, P. Zhang, F. Sun, B. Li, Y. Chen, S. Pei, Z. Zhang, Robina Manzoor, Y. Deng, C. Sun, L. Sui, F. Kong, H. Ma. The mechanism of bystander effect induced by different irradiation in human neuroblastoma cells, <i>Acta Astronaut</i> . 166 (2020) 599-606 doi:10.1016/j.actaastro. (2018).12.005.
7	Y. Chen, S. Pei, L. Yan, X. Qiu, R. Li, S. Yu, A. Lodhi, B. Li, Robina Manzoor, P. Zhang, Y. Deng, H. Ma. Design and surface modification of a microfluidic chip for intercellular interactions research during space flight. <i>Acta Astronaut</i> . 166 (2020) 619-627doi:10.1016/j.actaastro.2019.02.002.

PAPER PRESENTATIONS IN INTERNATIONAL CONFERENCES

1. Aziz A. Agamuthu P. Fauziah S. H. (2015). Biodegradation of selected polycyclic aromatic hydrocarbons (PAHs) by bacteria isolated from mangrove sediments. International conference on waste management and environment (ICME2105) 20th-22th August 2015, University of Malaya, Kuala Lumpur, Malaysia (Oral presentation on 21th august 2015).
2. Aziz, A., Agamuthu, P., & Fauziah, S.H (2018). Removal of bisphenol A and 2,4-Di-tert-butylphenol from landfill leachate using plant based coagulant. 28th International solid Waste Association (ISWA) world congress. 22-24 October 2018. Kuala Lumpur, Malaysia.
3. Aziz, A., Agamuthu, P., Hassan, A., & Fauziah, S.H (2018). Remediation of bis(2-ethylhexyl) phthalate and Phenol, 4,4'-(1-methylethylidene)bis- in landfill leachate using biopolymer. Proceeding of the 8th IconSWM 2018 on sustainable waste management: November 22-24. Guntur, AP, India.
4. Aziz, A., Agamuthu, P., Hassan, A., & Fauziah, S.H (2019). Extraction of natural coagulants from *Dillenia indica* seeds for removal of persistent organic pollutants in landfill leachate. Proceeding of the 9th IconSWM 2019 on sustainable waste management toward circular economy: November 27-29. Bhubaneswar, Odisha, India.
5. Aziz A. Agamuthu P. Fauziah S. H. (2016). Isolation and characterization of fluoranthene and benzo[a]pyrene-degrading bacterial consortium from mangrove sediment. International workshop on "Evaluation and prediction of nutrients availability from bio-waste using sensor and cloud technology to meet crop demands in Malaysia" 19th February 2016, University of Malay, Kuala Lumpur, Malaysia.

6. Agamuthu P. Aziz A and Fauziah S H. (2019). Natural Coagulants from Dillenia Indica Seeds for Removal of Persistent Organic Pollutants in Landfill Leachate. In (Ed Sadhan Kumar Ghosh) Proc. of the 9th International Conference on Solid Waste Management. Bhubaneswar, India. Pg 316.

TEACHING EXPERIENCE

Designation	From	To	Organization
Assistant Professor	01-02-2021	Till now	Lasbela University of Agriculture, Water & Marine Sciences
Lecturer	21-03-2011	31-01-2021	Lasbela University of Agriculture, Water & Marine Sciences

WORKSHOPS/SEMINARS/TRAININGS ATTENDED AND CONDUCTED:

1. One-day seminar (9th October, 2018) on Moon base village organized by BIT Beijing China.
2. Three days workshop (13th-15th, April, 2017) on Genetics organized by Shanghai University China.
3. Two days conference (6th -7th, Nov, 2016) on Neurosciences organized by gulin university china.
4. 21st Master Trainer Faculty Professional Development Program (27th October to 28th December 2013). Organized by Learning Innovation Division, Higher Education Commission HEC.
5. Four days training 20th-23rd May 2013 on "Research Tools Techniques and Proposal Development" jointly organized by LID-HEC and faculty of WRM- LUAWMS.
6. Three days training 5th -7th Jan 212 on" Ensuring Training Effectiveness "organized by LID-HEC in collaboration with LUAWMS.
7. Two days training 25th-26th April 2012 on "Developing Skills for the Interpretation of 1D and 2D NMR Spectral Data for the structure determination of Organic Molecules" organized by L. E. J National science information center.
8. Two days training 15th-16th May 2012 on "Research Methodology" organized by Department of Economics LUAWMS sponsored by HEC regional center Quetta.
9. Two days Training (24th -25, Nov, 2011) on "Curriculum Development and question paper setting" organized by QEC LUAWMS.

10. Three days training 16th-18th Oct 2012 on "Research Methodology" organized by QEC and Department of English LUAWMS.