



Lasbela University
of Agriculture, Water & Marine Sciences
 Uthal District Lasbela, Balochistan
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Name:	Prof. Dr. Imran Rashid	
Designation:	Professor	
Email:	drimranrajput@luawms.edu.pk	
Cell No.:	+923013535880 & +92853 610910	
Research Area:	Dairy Technology	
QUALIFICATION		
DEGREE	PASSING YEAR	UNIVERSITY
Post Doctorate	2019	Molecular Biology Shantou University, P.R China
Post Doctorate	2014	Molecular Feed Science Zhejiang University P.R China
PhD	2013	Animal Nutrition and Feed Science Zhejiang University P.R China
M.Sc (Hons)	2009	Sindh Agriculture University, Pakistan
DVM	2007	Sindh Agriculture University, Pakistan
PUBLICATIONS (NATIONAL/INTERNATIONAL)		
Total Publications (52) Research Papers = 46 Conference Paper = 06 Impact Factor = (108.34) Citations (1491) till present https://scholar.google.com/citations?user=2_WSvAEAAAAJ&hl=en		
<u>2022</u>		
1. Yajing Sun, Ying Zeng, Imran Rashid Rajput , Edmond Sanganyado, Ruiqiang Zheng, Huiying Xie, Chengzhang Li, Ziyao Tian, Ying Huang, Liangliang Yang, Jianqing Lin, Ping Li, Wenhua Liu. (2022) Interspecies difference in mammalian susceptibility to legacy pollutants using skin fibroblast cells. Environmental Pollution, 315, 120358 (IF-9.98).		
<u>2021</u>		
2. Imran Rashid Rajput , Summra Yaqoob1\$, Sun Yajing1, Edmond Sanganyado1, and Liu Wenhua*. (2021) Polybrominated diphenyl ethers exert genotoxic effects in pantropic spotted dolphin fibroblast cell lines. Environmental Pollution 271 (2021): 116131. (IF-9.98).		

3. Shahid Ali Rajput, Aftab Shaukat, **Imran Rashid Rajput**, Asghar Ali Kamboh, Zahid Iqbal, Muhammad Saeed, Rana Waseem Akhtar, Syed Aftab Hussain Shah, Muhammad Asif Raza, Ahmad El Askary, Mohamed M Abdel-Daim, Zuhair M Mohammedsaleh, Rabab M Aljarai, Muna O Alamoudi, Mashael Alhumaidi Alotaibi. (2021). Ginsenoside Rb1 prevents deoxynivalenol-induced immune injury via alleviating oxidative stress and apoptosis in mice. *Ecotoxicology and Environmental Safety* 220-11233 (IF-6.2).

4. Rajput, Shahid Ali, Aftab Shaukat, Kuntan Wu, **Imran Rashid Rajput**, Dost Muhammad Baloch, Rana Waseem Akhtar, Muhammad Asif Raza et al. (2021) "Luteolin Alleviates AflatoxinB1-Induced Apoptosis and Oxidative Stress in the Liver of Mice through Activation of Nrf2 Signaling Pathway." *Antioxidants* 10, 8- 1268. (IF-5.9).

2020

5. Ying Huang, **Imran Rashid Rajput**, Edmond Sanganyado, Yajing Sun, Fei Yu, Bo Liang, Wenhua Liu. (2020). Immune stimulation effect of PBDEs via prostaglandin pathway in pantropical spotted dolphin: An in vitro study. DOI: 10.1016/j.chemosphere.2020.126717. (IF-7.0)

6. Sanganyado, Edmond, Ran Bi, Charles Teta, Lucas Buruaem Moreira, Xiaoxuan Yu, Sun Yajing, Tatenda Dalu, **Imran Rashid Rajput**, and Wenhua Liu. "Toward an integrated framework for assessing micropollutants in marine mammals: Challenges, progress, and opportunities." *Critical Reviews in Environmental Science and Technology* (2020): 1-48. (IF-7.8).

2019

7. Rajput, S.A., Zhang, C., Feng, Y., Wei, X.T., Khalil, M.M., **Rajput, I.R.**, Baloch, D.M., Shaukat, A., Rajput, N., Qamar, H. and Hassan, M., 2019. Proanthocyanidins Alleviates AflatoxinB1-Induced Oxidative Stress and Apoptosis through Mitochondrial Pathway in the Bursa of Fabricius of Broilers. *Toxins*, 11(3),p.157. (4.0).

8. Rajput S. A, Lvhui Sun, Ni-Ya Zhang, Mahmoud Khalil, Zhao Ling, Li Chong, Shuai Wang, **Imran Rashid Rajput**, Dost Bloch, Farhan Khan, Aftab Shaukat, Desheng Qi (2018). Grape Seed Proanthocyanidin Extract Alleviates AflatoxinB1-induced Immunotoxicity and Oxidative Stress via Modulation of NF-κB and Nrf2 Signaling Pathways in Broilers. *Toxins* 2019, 11, 23; doi:10.3390/toxins11010023. (IF-4.0).

9. **Imran Rashid Rajput**, Ziyang Xiaoa, Sun Yajinga, Summra Yaqooba, Edmond Sanganyadoa, Huang Yinga, Yu Feia, Liu Wenhua (2018). Establishment of pantropic spotted dolphin (*Stenella attenuata*) fibroblast cell line and potential influence of polybrominated diphenyl ethers (PBDEs) on cytokines response *Aquatic Toxicology* 203, (2018) 1-9 (IF-4.2) <https://doi.org/10.1016/j.aquatox.2018.07.017>.

10. Sun Yajing, **Imran R Rajput**, Huang Ying, Yue Fe, Edmond Sanganyado, Li Ping, Wang Jingzhen and Liu Wenhua (2017). Establishment and characterization of pygmy killer whale (*Feresa attenuata*) immortalized dermal fibroblast cell line. *PloSOne* <https://doi.org/10.1371/journal.pone.0195128>. (IF-3.2)

11. Edmond Sanganyado, **Imran Rashid Rajput**, Wenhua Liu (2018). Bioaccumulation of organic pollutants in Indo-Pacific humpback dolphin: A review on current knowledge and prospects. *Environmental Pollution* 237 (2018) 111-125 (IF-6.8) <https://doi.org/10.1016/j.envpol.2018.01.055>.

12. M.A. Arain, Z Mei, F.U. hassan, M. Saeed, M Alagawany, A.H. Shar and **Imran Rashid Rajput** (2018). Lycopene: a natural antioxidant for prevention of heat- induced oxidative stress in poultry. *World's Poultry Science Journal*, Vol. 74, March 2018. doi:10.1017/S0043933917001040. (IF-1.2)

2017

13. **Imran Rashid Rajput**, Huang Ying, Sun Yajing, Muhammad Asif Arain, Li Weifen, Li Ping, Dost Muhammad Bloch and Liu Wenhua, (2017) *Saccharomyces Boulardii* and *Bacillus Subtilis* B10 Modulate TLRs and Cytokines Expression Patterns in Jejunum and Ileum of Broilers, PLOS ONE, <http://dx.doi.org/10.1371/journal.pone.0173917> (IF-6.8).
14. Sun Yajing, **Imran Rashid Rajput**, Muhammad Asif Arain Li yanfei and Dost Muhammad Baloch, (2017). Oral administration of *Saccharomyces boulardii* alters duodenal morphology, enzymatic activity and cytokine production response in broiler chickens. *Animal Science Journal* doi:10.1111/asj.12757. (IF-1.8)
15. Nisar Ahmed, Yi Liu, Hong Chen, Ping Yang, Yasir Waqas, Tengfei Liu, Jameel Ahmed Gandahi, Yufei Huang, Lingling Wang, Xuejing Song, **Imran Rashid Rajput**, Taozhi Wang, Qiusheng Chen (2016). Novel cellular evidence of lipophagy within the Sertoli cells during spermatogenesis in the turtle. *Aging Vol. 8, Advance*, (SCI).
16. Rajput, Zahid Iqbal, Adnan Ali, **Imran Rashid Rajput**, Noor Ahmed Soomro, Hamzo Khan Kunbhar, Ambreen Leghari, and Khalid Mirbahar. (2016) "Fattening performance and carcass characteristics of male and female buffalo calves of kundi breed." *Sci. International*, 28(5),4723-4726.
17. Zahid Iqbal Rajput, Adnan Ali, **Imran Rashid Rajput** and Noor Ahmed Soomro Growth Performance of Non-Descriptive Buffalo Calves Fed on Urea-treated Wheat Straw. *Lasbela, U. J.Sci. Techl.*, vol.V, pp. 23-26. ISSN 2306-8256.
18. Zahid Iqbal Rajput, Aamir Bin Zahur, Noor Ahmed Soomro, **Imran Rashid Rajput**, Shakeel Ahmed Lakho, Ambreen Leghari, (2016) PPR Sero-prevalance and sero- monitoring after vaccination in field. *Sci.Int.*28(6),5259-5261.

2015

19. Danish Sharafat, Abdul Latif Bhutto, **Imran Rashid Rajput**, Muhammad Ismail Memon Muhammad Ghiasuddin Shah and Zahid Iqbal Rajput. 2015. *Bacillus subtilis* as remedy of necrotic enteritis caused by *Clostridium perfringens* in broilers. *Lasbela Uni. J. Sci* V.4: pp, 157-167.
20. Muhammad Altaf Hussain, Shazia Nazir, **Imran Rashid Rajput**, Islam Zeb Khan, Mujeeb-ur-Rehman and Shaukat Hayat. 2015. Study on Seroprevalence of Brucellosis in Caprine in Kohat (Khyber Pakhtoon Khwa). *Lasbela Uni. J. Sci. Tech.* (3), 14-20.

2014

21. **Imran Rashid Rajput**, Ya li Li, Bin Deng, Yu Long Mao, Xin Xu, Bing Bing Wu Dong Yu You and Wei Fen Li. 2013. *Saccharomyces boulardii* and *Bacillus subtilis* B10 modulate TLRs mediated signaling to induce immunity by chicken bone marrow dendritic cells. *Journal of Cellular Biochemistry*. DOI: 10.1002/jcb.24650 (SCI).
22. Bing bing Wu, Taoyan Yuan, Ruili Qi, Jun He, **Imran R. Rajput**, Weifen Li, Yan Fu and Dong Niu. 2014. Construction, expression and characterization of a single chain variable fragment antibody against human myostatin. *Protein Peptide letters*: PMID: 23919379 (SCI).

2013

23. **Imran Rashid Rajput**, Ya li Li, Xin Xu, Lijuan Zhai, Bing bing Wu, Dongyou Yu and Weifen Li. 2013. Effect of *Saccharomyces boulardii* and *Bacillus subtilis* B10 on intestinal ultrastructure modulation and mucosal immunity development in broiler. *Poultry Science*. 92:956-965 (SCI)

24. K. Lei, Y. L. Li, D.Y. Yu, **I.R. Rajput** and W. F. Li (2013) Influence of dietary inclusion of *Bacillus licheniformis* on laying performance, egg quality, antioxidant enzymes activities and intestinal barrier function of laying hens. *Poultry Science*. *Poult. Sci.* (92)9: 2389-2395 (IF-1.72)
25. **Imran Rashid Rajput**, Li Ya Li, Xu Xin, Yi Huang, Zhi Wen Cui, Dong You Yu and Wei Fen Li. 2013. Supplementation of *Saccharomyces boulardii* and *Bacillus subtilis* B10 to increase digestive enzymes activity, antioxidation functioning and blood homeostasis in broiler. *International Journal of Agriculture and biology*. 15: 231-237 (SCI).
26. Ya-li Li, Kai Lei, Xin Xu, **Imran Rashid Rajput**, Dong-you Yu, Wei-fen Li. 2013. Protective effects of *Bacillus subtilis* B10 against hydrogen peroxide-induced oxidative stress in murine macrophage cell line. *International Journal of Agriculture and Biology*. 15 (5): 927-932. (SCI).
27. **Imran Rashid Rajput**, Wei fen Li, Ya li Li, Jian Lei, Min qi Wang. 2013. Application of probiotic (*Bacillus subtilis*) to improve immunity, antioxidation, activity of digestive enzymes and haematological profile of shaoxing duck. *Pak. Vet. Journal*. 33(1): 69-72 (SCI).
28. **Imran Rashid Rajput**, Bing Bing Wu, Li Ya Li, Jian Ji, Zhi Wen Cui, Xin Xu, Dong- you Yu and Wei fen Li 2013. Establishment of Optimal Culturing Method and Biological Activity Analysis of Chicken Bone Marrow Dendritic Cells using Chi- rGM-CSF. *Int J Agri Biology*. 15: 401-409 (SCI).
29. Wei-fen Li, Yi Huang, Ya-li Li, Qin Huang, Zhi-wen Cui, Dong-you Yu, **Imran Rashid Rajput** and Cai-hong Hu (2013). Effect of oral administration of *Enterococcus faecium* EF1 and activation of innate immunity of sucking piglets. *PVJ* 33(1): 5-8 (SCI).

2012

30. Xu, Xin; Huang, Qin; Cui, Zhiwen; Mao, Yulong; Li, Yali; Huang, Yi; **Rajput, Imran Rashid**; Yu, Dongyou; Li, Weifen, 2012. Immunomodulatory effects of *Bacillus subtilis* (natto) B4 on murine macrophages. *Microbiol Immunol*. 56: 817-824. (SCI).
31. Weifen Li, Qin Huang, Li ya Li, **Imran Rashid Rajput**, Dongyou Yu. 2012. Immunological effects of probiotic strain *Enterococcus faecium* EF1 on production of cytokines, superoxide anion and prostaglandin E2 in macrophage cell line. *PVJ*. 32(4): 530-534 (SCI).
32. Qin Huang, Xin Xu, Ya-li Li, Yi Huang, **Imran Rashid Rajput**, Wei-fen LI. Effects of *Bacillus subtilis* B10 on biological functions of RAW 264.7 murine macrophages. 2012. *Animal Science Journal*. doi: 10.1111/j.1740-0929.2012.01064. (SCI).
33. W.F. Li, Z.W. Cui, **I.R. Rajput**, Y.L. Li, H.Z. Wu and D.Y. Yu 2012. Effect of *Enterococcus faecium* 1 (EF1) on Antioxidant Functioning Activity of Caco-2 Cells under Oxidative Stress. *Journal of Animal and Veterinary Advances*. 11 (13): 2307-2312 (SCI).
34. **Imran Rashid Rajput** and Wei Fen Li, 2012. Potential role of probiotics in mechanism of intestinal immunity. *PVJ*. 2012 32 (3), 303-308 (SCI).

2011

35. Wei fen Li, **Imran Rashid Rajput**, Xin Xu, Ya li Li, Jian Lei, Qin Huang, Min qi Wang. 2011. Effects of Probiotic (*Bacillus Subtilis*) on Laying Performance, Blood Properties and Microflora of Shaoxing Duck. *International Journal of Poultry Science*. 10 (8): 583-589.

36. Yi Huang, Ya li Li , Qin Huang , Zhiwen Cui, Dongyou Yu, **Imran Rashid Rajput**, Weifen Li. 2011. Effect of orally administered *Enterococcus faecium* EF1 on intestinal cytokines and chemokines production of newborn piglets. Pak. Vet. Journal 32(1): 81-84. (SCI).

2010

37. Kamla Devrajani, Muhammad Abubakar, Sarfaraz Ali Fazlani, Faraz Shahid, Qurban Ali Shah and **Imran Rashid**. 2010. Occurrence and Prevalence of Bacterial Species as Identified from Camel Wounds. IJAVMS Vol. 4, issue 4, 2010:96-104 (SCI).

38. Mohammad Asif Arain, **I. R. Rajput**, M. Khaskheli S. Faraz, S. Rao M. Umer and K. Devrajani. 2010. Effect of Slaughtering Age on Chemical Composition of Goat Meat. Pakistan Journal of Nutrition 9 (4): 404-408.

2009

39. **I.R. Rajput**, M. Khaskheli, A. H Soomro, N Rajput and G. B Khaskheli. 2009. Enumeration of Thermoduric and Thermophilic spores in commercial repacked milk powder. Pak J. Nutri. 8 (8): 1196-1198.

40. **I.R. Rajput**, M. Khaskhel, H.A.Kaleri, S.A. Fazlani, K.Devi and G. B Khaskheli. 2009. Determination of Total, Viable Cells and Enterobacteraceae in Categorized Milk Powder. Pak J. Nutri. 8 (9): 1493-1496.

41. **I.R. Rajput** M. Khaskheli, S. Rao, S.A. Fazlani, Q.A. Shah, H.A Kaleri and K. Devrajani. 2009. Microbial Quality of Formulated Infant Milk Powders. Pak J. Nutri. 8 (10): 1665-1670.

42. Asghar Ali Kamboh, N. Rajput, **I.R. Rajput**, M. Khaskheli and G.B. Khaskheli. 2009. Biochemical Properties of Bacterial Contaminants Isolated from Livestock Vaccines. Pak J. Nutri. 8 (5): 578-581.

43. Mohammad Asif Arain, I. R, Rajput*, M. Khaskheli, S. Faraz, K. Devrajani and S.

A. Fazlani. 2009. Evaluation of Microbial Quality of Goat Meat at Local Market of Tando Jam. Pak J. Nutri. 9 (3): 287-290.

44. Mohammad Asif Arain, M. Khaskheli, **I. R, Rajput**, S. Rao, S. A. Fazlani, M. Umer and K. Devrajani. 2009. Examination of Physical Properties of Goat Meat. Pak J. Nutri. 9 (5): 422-425.

Conference papers

45. **Imran Rashid Rajput**, Li Ya Li, Wu Bing Bing, Sheng Lan Hu, Xin Xu, Dong you Yu and Wei Fen Li (2012). *Saccharomyces boulardii* and *Bacillus subtilis* B10 induced cytokines, alter the intestinal ultrastructure and modulate tight junction (TJ) protein expression in broiler chickens. Symposium on Ecological environment and sustainable development of animal husbandry. Seventh National Animal Husbandry and Veterinary Symposium young scientists 2012, Pp.247-48 (Beijing, China).

46. **Imran Rashid Rajput**, Li Ya Li, Wu Bing Bing and Wei Fen Li (2012). Chicken (*Gallus gallus*) rGM-CSF employed bone marrow dendrite cells (DCs) culturing method and modulation of biological respondent gene expressions. The 12th International Symposium on Dendritic Cells, Presentation Code: PO1-51. (Daegu, South Korea)

47. **I.R. Rajput**, H.A Kaleri, S.K. Bloch, S. Rao, N. Rajput, S.Y. Xu, G.H Jaffer, S. Faraz and Hong-Lin Liu. 2010. Detection of Yeast and Moulds in Milk Powder Available at Local Market of Pakistan. Symposium on Gastrointestinal Microbial Ecology and Functionality. Pp. 77-78. May, 23-25, 2010. (Nanjing, China)
48. **I.R. Rajput**, H.A Kaleri, S.K. Bloch, S. Rao, N. Rajput, S.Y. Xu, G.H Jaffer, S. Faraz and Hong-Lin Liu. 2010. Enumeration of Enterobacteraceae in different milk powders. Symposium on Gastrointestinal Microbial Ecology and Functionality. Pp. 73-74. (Nanjing, China).
49. Q.A. Shah, **I.R. Rajput**, H.A Kaleri, S.K. Bloch, N. Rajput, S.Y. Xu, and Hong-Lin Liu. 2010. Colibacillosis in broiler: prevalence, gross and histopathological changes. Symposium on Gastrointestinal Microbial Ecology and Functionality. Pp. 75-76. (Nanjing, China).
50. D. Kamla, H.A Kaleri, S.K. Bloch, **I.R. Rajput**, S. Rao, N. Rajput, S.Y. Xu, G.H Jaffer, S. Faraz and Hong-Lin Liu. 2010. Antibiotic sensitivity of microorganisms identified from camel wound. Symposium on Gastrointestinal Microbial Ecology and Functionality. Pp. 64-65. (Nanjing, China).

International Conference attended:

1. The 12th International Symposium on Dendritic Cells, Presentation Code: PO1-51. 2012 (**Daegu, South Korea**) Seventh National Animal Husbandry and Veterinary Symposium young scientists 2012 (**Beijing, China**).
2. Workshop on Gastrointestinal health and microbiology. 2011 (**Zhejiang, China**).
3. Symposium on Gastrointestinal Microbial Ecology and Functionality. May, 23- 25, 2010. (**Nanjing, China**).

Professional Membership:

- Registered Veterinary Medicine Practitioner
- Pakistan Veterinary Medical Council

Editorial Board Member

Universal Journal of Food and Nutrition (**Horizon Group, USA**)
Journal of Animal Production Advances

Associate Editor

Lasbela University Journal of Science and Technology.

Ph.D Dissertation Title

"Effects of *Saccharomyces boulardii* and *Bacillus subtilis* B10 on intestinal immunity of broiler, mediated by Toll like receptors signaling pathway".

HEC Approved Supervisor:

Higher Education Commission (HEC), **Approved Supervisor** to supervise M. Phil and Ph. D students in Pakistan.

M. Phil Co-Supervised:

- Master Thesis on "Study on Occurrence and Diversity of Marine Yeast in the Mangrove Ecosystem of Lasbela Coast, Balochistan, Pakistan" by (Ameena Haroon). PAKISTAN

- Master Thesis on “Establishment and characterization of pygmy killer whale (*Feresa attenuata*) dermal fibroblast cell line” by (Sun Yajin, Chinese). CHINA

TEACHING EXPERIENCE

Designation	From	To	Organization
Visiting Professor	24 th July 2023 17 Nov. 2023	3 Months 21 Days	Zhejiang University P.R China
Professor	20 th September 2021	Till Today	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan.
Associate Professor	14 th December 2017 to 19 th September 2021	3 Years 9 Months 5 Days	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan.
Assistant Professor	17 th February 2015 to 13 th December 2017	2 Years 10 Months 4 Days	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan.
Lecturer	23 rd July 2009 to 16 th February 2015	5 Years 6 Months 23 Days	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan.
Research Fellow	January 2007 to 18 th June 2009	2 Years 5 Months	Sindh Agriculture University, Tandojam

Post PhD Experience
Total Experience

10 Years 06 Month
16 Years 11 Months

ADMINISTRATIVE EXPERIENCE

Director QEC	23 rd January 2019 to till today	Till to date	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan.
Chairperson	09 th March 2021 to till today	Till to date	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan
Director ORIC	15 th December 2015 to 24 th October 2016	10 Months 9 Days	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan.
Internship Coordinator	1 st September 2014 to 20 th	1 Years 9	Lasbela University of Agriculture, Water and Marine Sciences

	June 2016	Months 20 Days	(LUAWMS), Uthal, Balochistan.
Total Experience		09 Years 07 Months 8 Days	
GALANCE OF ACHIEVEMENTS AND AWARDS			
<ul style="list-style-type: none">• Visiting Professor at Zhejiang University (42nd in the World University Rankings) Awarded by HEC under Faculty Exchange Program.• Strategic Funds for Science and Technology Innovation of Guangdong Province, 2019-2020 (Special Program for Foreign Young Scientists visiting Guangdong 2023-2024.• Awarded Talented Young Scientist Program (2018), from Ministry of Science and Technology, Beijing, P. R China (April-2018 to March, 2019), Project (130-152229), Funding worth (150 thousand RMB)• Awarded Talented Young Scientist Program (2017), from Ministry of Science and Technology, Beijing, P. R China (April-2017 to March, 2018), Funding worth (150 thousand RMB)• Awarded Yang Fang Fellowship 2017-2018 from Provincial Government Guangdong P.R China Funding worth (120 thousand RMB)• Awarded an EXCELLENCE AWARD OF BEST FOREIGNER PhD OF 2013 from College of Animal Sciences, Zhejiang University P.R China.• Awarded PARTIAL SUPPORT PROGRAM PHD ABROAD funding by Higher Education Commission of Pakistan for the year of 2012-2013.• Outstanding PERFORMANCE AWARD in the year of 2010-2011, College of Animal Sciences Zhejiang University, PR China.• ZHEJIANG UNIVERSITY SCHOLARSHIP to pursue the PhD P.R China, 2010.• USAID SCHOLARSHIPS, awarded at Sindh Agriculture University Pakistan for master's degree, 2007-2009.			
Professional Experience Responsibilities:			
Director QEC (Jan-2019 to date) at Lasbela University of Agriculture, Water and Marine Sciences.			
<ul style="list-style-type: none">• Promote the quality of education and overall academic excellence within the university.• Develop and implement a comprehensive quality assurance plan for the university, aligning it with national and international standards and best practices.• Oversee the process of obtaining and maintaining accreditation from relevant higher education authorities and ensuring compliance with accreditation standards and requirements.• Formulate policies and guidelines related to academic quality, assessment, and evaluation, and ensure their proper dissemination and implementation across the university.• Establish a system for collecting and analyzing data related to various academic activities, student performance, faculty evaluations, and other relevant metrics to identify areas for improvement.• Coordinate the assessment of academic programs to ensure their effectiveness and alignment with learning outcomes. Use assessment results to enhance the curriculum and teaching methodologies.• Organize workshops, seminars, and training sessions to enhance the professional development of faculty members, focusing on teaching methodologies, assessment practices, and research skills.• Implement mechanisms for gathering student feedback on courses, faculty, and university services. Address student grievances related to academic matters and ensure timely resolutions.• Research and identify best practices in higher education and benchmark the university's performance against other institutions to identify areas for improvement.• Facilitate external evaluations, peer reviews, and audits of academic programs and services to gain insights and recommendations from experts in the field.			

- Lead the university in a culture of continuous improvement by regularly reviewing processes and practices and making data-driven decisions to enhance overall quality.
- Propose and implement quality enhancement projects and initiatives to address specific challenges or opportunities identified within the university.
- Conduct regular internal quality audits to assess the effectiveness of various academic and administrative processes and recommend improvements.
- Collaborate with different departments, faculties, and administrative units within the university to foster a culture of quality and ensure effective coordination in quality enhancement efforts.
- Prepare reports on quality assurance activities, outcomes, and progress to present to university management, governing bodies.

Director ORIC (June-2015 to Oct. 2016) at Lasbela University of Agriculture, Water and Marine Sciences.

The Office of Research, Innovation, and Commercialization (ORIC) at a university is responsible for fostering a culture of research, innovation, and entrepreneurship within the academic community.

- Provide support and resources to researchers, faculty members, and students to encourage and facilitate high-quality research projects.
- Facilitate the transfer of research findings, technologies, and innovations from the university to the commercial sector or other stakeholders.
- Manage intellectual property (IP) rights resulting from research conducted at the university.
- Establish and maintain partnerships with industry and businesses to promote collaborative research projects.
- Encourage and support entrepreneurship and innovation among faculty members, researchers, and students.
- Identify and inform researchers about external funding opportunities, grants, and fellowships related to research and innovation.
- Ensure that all research conducted at the university complies with ethical standards and regulatory requirements.
- Organize workshops, training sessions, and seminars to enhance the research and innovation capabilities of faculty, researchers, and students.
- Educate researchers and faculty members about intellectual property rights, patenting processes, and the importance of protecting their research outcomes.
- Collaborate with other university departments and offices to streamline research and innovation-related activities.

Chairperson (March 2021 to till today) at Lasbela University of Agriculture, Water and Marine Sciences.

The role of a department chairperson is critical in overseeing the operations and academic affairs of a specific department within a university.

- Provide effective leadership and direction to the department, ensuring that academic goals, policies, and procedures.
- Oversee the development, evaluation, and revision of academic programs and courses within the department.
- Participate in the hiring process of new faculty members.
- Conduct performance evaluations of faculty members, addressing their strengths and areas for improvement.
- Develop class schedules, assign courses to faculty members, and manage workload distributions.
- Develop long-term strategic plans for the department, setting academic goals and objectives.

- Ensure compliance with accreditation standards and work with the university administration and relevant accrediting bodies.
- Conduct regular departmental meetings to discuss academic matters, address concerns, and promote communication and collaboration.
- Advancing the department's reputation and impact within the university and the broader academic community.

Internship Coordinator (September 2014 to June 2016) at Lasbela University of Agriculture, Water and Marine Sciences.

- Internship Coordinator is responsible for facilitating and managing student internship programs.
- Collaborate with faculty and other relevant departments to design and develop internship programs.
- To identify internship opportunities and secure placement opportunities for students.
- Provide individualized guidance to students seeking internships.
- Match students with appropriate internship opportunities based on their academic interests.
- Regularly monitor and evaluate the progress of interns during their placements.
- Coordinate the completion of necessary paperwork.
- Ensure that internship placements comply with the university's policies.
- Maintain records of internship placements, student participation, and employer feedback.
- Their efforts contribute significantly to students' personal and professional development and foster strong relationships.

Faculty Member/Professor (July 2009 to date) at Lasbela University of Agriculture, Water and Marine Sciences.

- Teaching BS, MS
- Curriculum development
- Lab establishment and improving
- Conducting research and publishing articles
- Supervising MS Students

Research Fellow (January 2007 to June 2009) at Department of Dairy Technology, Sindh Agricultural University Tandojam.

- The work involves investigating various aspects of microorganisms present in dairy products, studying their behaviour, and contributing to the advancement of knowledge in the field.
- Conduct a thorough literature review to gain a comprehensive understanding of existing research and developments in dairy microbiology, including bacteria, yeast, mold, and other microorganisms relevant to the dairy industry.
- Collaborate with the principal investigator and research team to design experiments.
- Organize and manage research data, maintain accurate records, and utilize appropriate data analysis tools and software to analyze and interpret research results.

Member Statutory Bodies and Executive committees

- Member Senate Lasbela University of Agriculture Water and Marine Sciences (LUAWMS) (2018-to date).
- Member Syndicate LUAWMS (2018 till 2022).
- Member Selection Board (2018 till 2022).
- HEC, Representative Plagiarism Standing Committee, SBKW University Quetta (2019-2022).
- Member Departmental Promotion Board BPS 17-20 (2018 till 2022).

- Member Departmental Promotion Board BPS 1-16 (2018 till 2022).
- Member Selection Committee (Contractual Appointments) (2018 till today).
- Focal Person Task Force for research Projects (National/International).
- Member Financial Planning Committee (2019 to till today)

Workshops/Seminars/Trainings Attended and Conducted:

- Workshop on **teaching methodologies** at Lasbela University of Agriculture Water and Marine Sciences May 2014.
- **Quantitative Data Analysis through SPSS** at Lasbela University of Agriculture Water and Marine Sciences August 2014.

Core Laboratory Establishment Skills

- Capable of establishing advance biotech laboratory, enable of selecting, installing, and testing the equipment.
- Experience to prepare laboratory protocols, equipment operating standards and laboratory manual.
- Able to prepare, monitor and implement the precautionary measures of High- Tech laboratory.
- High level of education and training ensures that I can supervise the research experiment and equipment functions needed to obtain reliable results.
- Developed excellent communication and mediation skills and managing experimental schedule to facilitate the students and faculty research.
- Capable of assisting in analyzing large amounts of statistical and biological data, including FACS, qPCR, Florescence etc.

Specific experiment experiences:

- Flowcytometry, Confocal Microscopy (CM), Florescence Microscopy (FM), Gene Transfection into Cells, Polymerase chain reaction (PCR), Quantitative Polymerase chain reaction (qPCR), Transmission Electron Microscopy (TEM), Scan Electron Microscopy (SEM), Molecular Response Assessment, Enzyme- linked immunosorbent assay (ELISA), Antioxidation Assay, Hematological Profiling Assay, Gel Electrophoresis, DNA Extraction, RNA Extraction, cDNA synthesis.
- Molecular Biology and Biotech experiences:
- Dendritic cells culturing, Macrophage cells, Hepatocytes culturing, Cell model development (Fibroblast), Caco-2 cells culturing, Macrophage culturing, Reverse Transcript Polymerase chain reaction (RT-PCR), Quantitative Real Time Polymerase chain reaction (qRT-PCR), Quantification of DNA and cDNA