



Lasbela University

of Agriculture, Water & Marine Sciences

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Name:	Dr. Sarfaraz Ali Fazlani		
Designation:	Assistant Professor		
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Cell No.:	0092300-3058390		
Research Area:	Gamete Technology Developmental Biology		
QUALIFICATION			
DEGREE	PASSING YEAR	MAJORS	UNIVERSITY
Ph.D.	2018	Animal Reproduction	China Agricultural University, Beijing.
MPhil	2005	Veterinary Microbiology	Sindh Agriculture University Tandojam
DVM	2002	Veterinary and Animal Sciences	University of Agriculture, Faisalabad
PUBLICATIONS (NATIONAL/INTERNATIONAL)			
<p>1. MohibUllahKakar, Muhammad Matloob, Rongji Dai, Yulin Deng, KifayatUllah, IhsanUllahKakar, Ghulam Khaliq, Muhammad Umer, Zhoab Ahmed Bhutto, Sarfaraz Ali Fazlani, Muhammad ZubairMehboob. In silico screening and identification of deleterious missense SNPs along with their effects on CD-209 gene: An insight to CD-209 related-diseases (2021). PLoSONE 16(2): e0247249. https://doi.org/10.1371/journal.pone.0247249. (IF: 3.24).</p> <p>2. Muhammad Saeed, Muhammad A. Arain, Sarfaraz Ali Fazlani, Illahi B. Marghazani, Muhammad Umar, JameelaSoomro, Zohaib A. Bhutto, FerozaSoomro, Ahmed E. Noreldin, Mohamed E. Abd El-Hack, Shaaban S. Elnesr, Mayada R. Farag, uldeepDhama, Sun Chao, Mahmoud Alagawany. A comprehensive review on the health benefits and nutritional significance of fucoidan polysaccharide derived from brown seaweeds in human, animals and aquatic organisms. Aquaculture Nutrition. (2021), 00:1-22. (IF: 3.49).</p> <p>3. Khalid M. Mahrose, Izabela Michalak, Mohamed Farghly, Abdelmotaleb Elokil, Runxiang Zhang, Tugay Ayaşan, Aml MekawySarfaraz Ali Fazlani. Role of clay in detoxification of aflatoxin B1 in growing Japanese quail with reference to gender.</p>			

Veterinary Research Communications (2021)<https://doi.org/10.1007/s11259-021-09817> .
(IF. 2.45).

4. Shoaib Ahmed Pirzado, Muhammad A. Arain, CaiHuiyi, **Sarfaraz Ali Fazlani**, Mahmoud Alagawany&LiuJGouhua. Effect of Azomite on growth performance, immune function and tibia breaking strength of broiler chickens during starter period, Animal Biotechnology, (2021) DOI: 10.1080/10495398.2021.1914644 (IF. 2.28).
5. Zhongqing Wang, Qiuyue Wu, Rulling Ye, FazulNabi, Yangfei Shang, **Sarfaraz Ali**, and Juan Liu Protective Effects of *Atractylodesmacrocephala* Polysaccharide on iELs and the IL-6, TNF- α mRNA Level in *E.coli* induced Diarrheal Mice. *Pakistan J. Zool.* (2021).DOI: 10.17582/journal pjz/2020.52. (IF. 0.8).
6. Azhar Khan, Masood Rabbani, Farmanullah, IhsanullahKakar, **Sarfaraz Ali Fazlani**, Asma Babar, Mohammad Salim, Momen Khan, and Sajjad Ahmad (2021). Seroprevalence of Brucellosis in cattle of Swat Valley Khyber Pakhtunkhwa Pakistan. Pure and Applied Biology. Vol. 10, Issue 4, pp1436-1440. <http://dx.doi.org/10.19045/bspab.2021.100149>(HEC recognized).
7. Momen Khan, Muhammad Saleem, Farmanullah, Sajjad Ahmad, **Sarfaraz Ali Fazlani**, IhsanUllahKakar, Mohammad Salim, Saeed Ahmad, Inayaturrehman and Sajid Ali (2021). Assessment of prenatal ovarian and serum estrogen concentration in Nili-Ravi buffalo fetus. Pure and Applied Biology. Vol. 10, Issue 4, pp1398-03. <http://dx.doi.org/10.19045/bspab.2021.100145>(HEC recognized).

2020

8. Shuai Lin, Na Qiao, Hanming Chen, Zhaoxin Tang, Qingyue Han, Khalid Mehmood, **Sarfaraz Ali Fazlani**, Sajid Hameed, Ying Li, Hui Zhang. Integration of transcriptomic and metabolomic data reveals metabolic pathway alteration in mouse spermatogonia with the effect of copper exposure. (2020) Chemosphere, Vol. 256, 126974 (IF: 5.108)
9. RuiGuo, Yongxiang Tian, Hui Zhang, DingzongGuo, Xiaoying Pei, Huajun Wen, Pengfei Li, Khalid Mehmood, Keli Yang, Yung FuChang, Zewen Liu, ZhengyingDuan, Fangyan Yuan, Wei Liu, **Sarfaraz Ali Fazlani**. Biological characteristics and genetic evolutionary analysis of emerging pathogenic *Bacillus cereus* isolated from Père David's Deer (*Elaphurus davidianus*). (2020). Microbial Pathogenesis, Vol. 143, 104133. (IF: 2.581)
10. Tarique, I., Haseeb, A., Bai, X., Li, W., Yang, P., Huang, Y., Yang, S., Xu, M., Zhang, Y., Vistro, W.A. and **Fazlani, S.A.** Cellular evidence of CD63-enriched exosomes and multivesicular bodies within the seminiferous tubule during the spermatogenesis of turtles. (2020) Microscopy and Microanalysis, Vol. 26 (1), pp.148-156. (IF: 2.673)
11. Yonghongshi, Waseem Ali Vistro, Xuebing Bai, Ruizhi Wu, Chang Chen, Yufei Huang, **Sarfaraz Ali Fazlani**, Imran Tarique, Ping Yang and Qiusheng Chen. Effects of seasonal variance on intestinal epithelial barriers and the associated innate immune response of

the small intestine of the Chinese soft-shelled turtles. (2020), Fish and Shellfish Immunology, Vol. 97, pp. 173-181 **(IF:3.298)**

2019

12. Guangyin Xi, Wenjing Wang, **Sarfaraz A. Fazlani**, Fusheng Yao, Mingyao Yang, Jing Hao, Lei An, and Jianhui Tian. C-type natriuretic peptide (CNP) enhances mouse preantral follicle growth. *Reproduction* (2019) Vol.157 (5) 445-455. **(Equally contributed author), (IF: 3.206)**
13. Hong Chen, Yufei Huang, Xuebing Bai, Ping Yang, Imran Tarique, Waseem Ali Vistro, Noor Samad Gandahi, **Sarfaraz Ali Fazlani**, Qiusheng Chen. Apoptotic-like changes in epididymal spermatozoa of soft-shelled turtles, *Pelodiscussinensis*, during long-term storage at 4 °C. (2019)*Animal Reproduction Science* 205, 134–143 **(IF: 1.81)**
14. Waseem Ali Vistro, Imran Tarique, Abdul Haseeb, Ping Yang, Yufei Huang, Hong Chen, Xuebing Bai, **Sarfaraz Ali Fazlani**, Qiusheng Chen. Seasonal exploration of ultrastructure and Na⁺/K⁺-ATPase, Na⁺/K⁺/2Cl⁻-cotransporter of mitochondria-rich cells in the small intestine of turtles. (2019),*Micron* 126: 102747. **(IF: 1.53)**
15. Haseeb A, Tarique I, Bai X, Yang P, Vistro WA, Huang Y, **Ali Fazlani S**, Ahmed Z, Chen Q, Inhibition of autophagy impairs acrosome and mitochondrial crista formation during spermiogenesis in turtle: Ultrastructural evidence. (2019), *Micron*, <https://doi.org/10.1016/j.micron.2019.03.006>. **(IF: 1.53)**
16. M. Saeed, M. Alagawany, **S.A. Fazlani**, S.A. Kalhoro, M. Naveed, M. Umer, J. Soomro, N. Ali, Kifayat-Ullah, M.A. Arain and S. Chao. Health promoting and pharmaceutical potential of ferulic acid for the poultry industry. (2019)*World's Poultry Science Journal*, Vol. 75.**(IF: 1.40)**
17. Mohamed E. Abd El-Hacka, Mahmoud Alagawany, Khalid M. Mahrose, Muhammad Arif, Muhammad Saeed, Muhammad A. Arain, Rab N. Soomro, Farman A. Siyal, **Sarfaraz A. Fazlani**, Justin Fowler (2019). Productive performance, egg quality, hematological parameters and serum chemistry of laying hens fed diets supplemented with certain fat-soluble vitamins individually or combined during summer season. *Animal Nutrition*, 5(1) 49-55.

2018

18. Muhammad Naveed, Jannat BiBi, Asghar Ali Kamboh, Imran Suheryani, Ihsanullah Kakar, **Sarfaraz Ali Fazlani**, Xia FangFang, Shahmir Ali kalhoro, Liang Yunjuan, MohibUllahKakar, Mohamed E. Abd El-Hack, Ahmed E. Noreldin, Shi Zhixiang, Chen LiXia, Zhou XiaoHui (2018). Pharmacological values and therapeutic properties of black tea (*Camellia sinensis*) A comprehensive overview. *Biomedicine & Pharmacotherapy*, 100 521–531 **(IF: 3.45)**
19. Mohamed E. Abd El-Hack, Mahmoud Alagawany, Muhammad Arif, Muhammad Saeed, Maria T. Chaudhry, Elwy A. Ashour, Farman A. Siyal, Muhammad A. Arain, **Sarfaraz A. Fazlani**, Khalid M. M. Wahdan; (2018). Consequences of dietary probiotic

supplementation on egg quality and egg nutrient composition of laying hens fed distillers' dried grains with solubles. *Anais da Academia Brasileira de Ciências*. (IF: 1.2)

2017

20. Saeed M., Abd El-Hack M.E., Arif M., El-Hindawy M.M., Attia A.I., Mahrose K.M., Bashir I., Siyal F.A., Arain M.A., **Ali Fazlani S.**, Hayat K., Sun C., Noreldin A.E. (2017). Impacts of distiller's dried grains with solubles as replacement of soybean meal plus vitamin e supplementation on production, egg quality and blood chemistry of laying hens, *Annals of Animal Science*, DOI: 10.1515/aoas-2016-0091 (IF 0.75)
21. Muhammad ARIF, Abdur REHMAN, Muhammad SAEED, Mohamed EzzatAbd EL-HACK, Mahmoud ALAGAWAN, Haider ABBAS, Muhammad Asif ARIAN, **Sarfraz Ali FAZLANI**, Abbasilmiaz HUSSAIN, Tugay AYASAN. (2017). Effect of different processing methods of pigeon pea (*Cajanuscajan*) on growth performance, carcass traits, and blood biochemical and hematological parameters of broiler chickens. *Turk J Vet AnimSci*: 40: © TÜBİTAKdoi:10.3906/vet-1602-11; 38-45. (IF: 1.45)
22. Abbasi F, Abbasi IHR, Nissa TF, Bhutto ZA, Arain MA, Soomro RN, Siyal FA, **Fazlani SA** (2017). Epidemiological study of tick infestation in buffalo of various regions of district Khairpur, Pakistan, *Veterinary World*, 10(6): 688-694. (SCI)
23. Mahmoud Alagawany, Mohamed E Abd El-Hack, Muhammad Saeed, Muhammad AArain, Zohaib A Bhutto, **Sarfraz A Fazlani**, Sarfraz A Brohi and Muhammad Arif, (2017). Effect of some phytogetic additives as dietary supplements on performance, egg quality, serum biochemical parameters and oxidative status in laying hens. *Indian Journal of Animal Sciences* 87 (7): 103–00. (IF: 1.5)

2016

24. M.E. Abd El-Hack, M. Alagawany, M. Saeed, M. Arif, M.A. Arain, Z.A. Bhutto, and **S.A. Fazlani** (2016). Effect of gradual substitution of soyabean meal by *Nigella sativa* meal on growth performance, carcass traits and blood lipid profile of growing Japanese quail. The Kielanowski Institute of Animal Physiology and Nutrition, Polish Academy of Sciences, Jabłonna. *Journal of Animal and Feed Sciences*, 25, 244–249. (IF: 1.26)
25. Tahir Khan M, Bhutto ZA, Abbas Raza SH, Saeed M, Arain MA, Arif M, **Fazlani SA**, Ishfaq M, Siyal FA, Jalili M and Moshaveri A. (2016). Supplementation of Different Level of Deep Stacked Broiler Litter as a Source of Total Mixed Ration on Digestibility in Sheep and Their Effects on Growth Performance. *J. World Poult. Res.* 6(2): 73-83.

2015

26. Sayed Haider Abbas Raza, KhalidMahmoodArain., Muhammad Saeed., S Yalçin, Mohamed E. Abd, ElHack, , Arain M. A 1 ., Soomro R. N., Hafiz Muhammad Zakria., Muhammad Adeel Hassan, Abbasi I. H. R ., Faraz S. S., **Sarfraz Ali Fazlani.**, Ghulam Hussain Jaffar, Muhammad Haroon Baloch. (2015). Study on Production and Marketing of Beef in Quetta District Pakistan. *International Journal of Innovative and Applied Research*, Volume 3, Issue (12): 8- 21

2011

27. Shahzad Akbar Khan, Tarique Hussain, Muhammad Akhtar Qureshi, Gulzar Ahmed, **Sarfaraz Ali Fazlani**, Ijaz Ahmed and Farhan Anwar Khan. (2011) Evaluation of serological response of chicks against angara disease agent through indirect haemagglutination test. African Journal of Microbiology Research Vol.5(23),pp. 3991-3993. Available online <http://www.academicjournals.org/ajmr>
28. **S. A.Fazlani**, S. A. Khan, S. Faraz and M. S. Awan (2011). Antimicrobial susceptibility of bacterial organism identified from mastitis milk samples of camel. African Journal of Biotechnology. Vol 10(15), pp. 2959-2964. <http://www.academicjournals.org/AJB> ISSN 1684-5315. **(IF: 0.56)**.
29. ShahzadAkabr Kahn, NissarUjjan, Gulzar Ahmed, Muhammad Ismail Rind, **Sarfaraz Ali Fazlani**,ShahidFaraz, Shoaib Ahmed and Muhammad Asif. (2011). Effect of protein diet supplemented with or without amino acids on the production of broiler. African Journal of Biotechnology. Vol 10(49), pp. 10058-10065. <http://www.academicjournals.org/AJB> ISSN 1684-5315. **(IF: 0.56)**.

2010

30. Devrajani K, Abubakar M, **Fazlani SA**, Shahid F, Shah QA, Rashid I (2010). Occurrence and Prevalence of Bacterial Species as Identified from Camel Wounds. IJAVMS; 4(4): 96-104. **(IF: 0.5)**
31. **Sarfraz Ali Fazlani**, Muhammad Abubakar, FarazShahid, Muhammad Irfan and Muhammad JavedArshed(2010). A Comparative Study On Efficiency Of Enzyme Linked Immunosorbent Assay And Hemagglutination Inhibition Test In Detecting Serum Antibody Against Avian Influenza Viruses In Commercial Broilers.Vetscan 2010, Vol. 5 No. 2.
32. Mohammad Asif Arain, M. Khaskheli, I.R. Rajput, S. Rao, S. Faraz, **S.A. Fazlani**, K. Devrajani and M. Umer (2010). Examination of Physical Properties of Goat Meat. Pakistan Journal of Nutrition 9 (5): 422-425, 2010
33. ShahidFaraz, Muhammad Abubakar, Mohammad Farooque, **Sarfaraz Ali Fazlani**, Ghluam Hussain Jaffar (2010). Comparative study of haemagglutination inhibition, Agar gel precipitation test, Serum neutralization and Enzyme linked immunosorbent assay for detection to avian influenza viruses. Health Vol.2, No.2, 97-100.
34. Mohammad Asif Arain, I.R. Rajput, M. Khaskheli, S. Faraz, K. Devrajani and **S. A. Fazlani**. (2010) Evaluation of Microbial Quality of Goat Meat at Local Market of Tando Jam. Pakistan Journal of Nutrition 9 (3): 287-290.

2009

35. Imran Rashid 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. Pakistan Journal of Nutrition. Number 8 (9): 1493-1496, Asian Network of Scientific Information.

36. Imran Rashid Rajput M. Khaskheli, S. Rao, **S. A. Fazlani**, Q.A. Shah, H.A Kaleri and G. B Khaskheli. (2009). Microbial Quality of Formulated Infant Milk Powders. Pakistan Journal of Nutrition. Number 8 (10): 1665-1670, Asian Network of Scientific Information.

2008

S Fazlani, M Abubakar, S Shah, M ul Hassan, M Arshed. Bio-Morphological Characteristics of Bacterial Species Identified from Mastitic Milk Samples of Camel. The Internet Journal of Veterinary Medicine. (2008) Volume 6 Number 1.

PAPER PRESENTATIONS IN INTERNATIONAL CONFERENCES

1. 4th Oxford Interdisciplinary Desert Conference organized by the School of Geography, **University of Oxford, OX1 3QY, United Kingdom**. June 8-9th, 2017

2. Avian Genetics and Immunity Symposium, organized by The Pirbright Institute Woking, **University of Surrey, School of Veterinary Medicine GU24 0NF United Kingdom**. June, 19th, 2017

3. Fourth SKLRB Symposium on Reproductive Biology, Organized/ hosted by University of Chinese Academy of Sciences. **State Key Laboratory of Stem Cell and Reproductive Biology (SRLab), Beijing, China**. October 24th To 27th, 2016

4. World Life Science Conference, organized by China Association for Science and Technology, China Union of Life Science Societies. **Held at National Convention Center, Beijing**. November, 1st to 3rd, 2016

TEACHING EXPERIENCE

Designation	From	To	Organization
Assistant Professor	09-04-2011	To date	Lasbela University of Agriculture, Water & Marine Sciences
Lecturer	15-06-2006	08-04-2011	Lasbela University of Agriculture, Water & Marine Sciences

WORKSHOPS/SEMINARS/TRAININGS ATTENDED AND CONDUCTED:

1. Participant – **Bio-risk Management** – 2021. Organized by Association of the Bio-risk Management Pakistan at LUAWMS. May 25 to 29/ 2021.
2. A week workshop attended on **“Strategic Planning for Development of Education Technology”** Organized by US-AID with Collaboration of Planning Commission of Pakistan. January 28 to 3 Feb/ 2013.
3. **Training as Professional Competency Enhancement Program for Teachers (PCEPT)**. Jointly Organized by Luawms, National Academy of Higher Education, Learning Innovation Division, Higher Education commission Islamabad. Dec 28th, 2010 to 21st Jan, 2011.
4. **“How to Access E-resources From Digital Library**.Organized By Lasbela University Of Agriculture, Water & Marine Sciences, Uthal With The Collaboration Of Higher Education Commission, Islamabad. Pakistan March 20th 2009.
5. **“Life Sciences-HEC National Workshop on Techniques in Molecular Biology, Bio-Informatics &Vaccine Production”** Held at Center for Advance Studies in Vaccinology & Biotechnology (CASVAB),University of Balochistan, Quetta. Pakistan May 27th to 30th 2008.
6. **“Computer Professional Training”** Organized by Department of Information Technology, LasbelaUniversity of Agriculture, Water and Marine Sciences, Uthal, District Labella Balochistan. Pakistan Nov 1stto Dec 31st 2007.
7. **National Workshop on Techniques in Molecular Biology, Bio-Informatics & Vaccine Production**Held atCenter for Advance Studies in Vaccinology & Biotechnology (CASVAB), University of Baluchistan,Quetta. Pakistan May 28-30th 2007.
8. **Teaching Methodology** Held at Lasbela University-Uthal, District Lasbela Baluchistan In collaboration withHigher Education Commission, Islamabad, Pakistan Mar 19th to 24th2007.
9. **Avian Microbiology and Immunology** at K&N’s Poultry Diagnostic and Research Institute Karachi, Sindh ,Pakistan June 28th 2005.
10. Seminar on **Camel Breeds of Baluchistan and their Grazing Patterns**. Organized by Faculty of Veterinary and Animal Sciences, Lasbela University

of Agriculture, Water and Marine Sciences, Uthal-Baluchistan. Feb.13th2009.

11.Seminar on "**Examination Systems**". Organized by Examination Department, Lasbela University of Agriculture, Water & Marine Sciences, Uthal- Baluchistan. Feb. 17th 2009.

12.Seminar on **Genetic Importance of BhagNari Breed of Baluchistan**. Organized by Faculty of Veterinary and Animal Sciences, Lasbela University of Agriculture, Water and Marine Sciences, Uthal-Baluchistan. Feb. 19th2009.

13. SEMINAR ON "**SUSTAINABLE DEVELOPMENT OF OCEAN RESOURCES FOR NATIONAL AND ECONOMIC GROWTH**"ORGANIZED BY FACULTY OF MARINE SCIENCES, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES, UTHAL, BALOCHISTAN IN COLLABORATION WITH HIGHER EDUCATION COMMISSION, ISLAMABAD. JUNE 14TH 2008.

SHORT BIOGRAPHY:

Position & Department: Assistant Professor; Department of Animal Reproduction, Faculty of Veterinary and Animal Science, Lasbela University of Agriculture Water & Marine Sciences, (LUAWMS).

Research Interests: Gamete technology (Induced follicular development and in-vitro production. Mechanism of micro-fertilization and the embryo gene expression).