

Imran Tarique

Assistant Professor

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About

Dr. Imran Tarique is working as Assistant Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Imran Tarique has a PhD in Basic Veterinary Medicine. Dr. Imran Tarique has published 37 research articles & conference papers having a citation count of 365, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Basic Veterinary Medicine Nanjing Agricultural University , China	2017 - 2020
MPhil in Veterinary Anatomy and Histology Sindh Agricultural University , Pakistan	2014 - 2016
DVM in Veterinary Medicine and Animal Sciences Sindh Agricultural University , Pakistan	2009 - 2014

Experience

Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2022- Present
Assistant Professor Ziauddin University , Karachi	2022 - 2022
Post Doctorate Researcher Shandong Normal University , China	2020 - 2022
Veterinary Officer Livestock & Fisheries Department, Govt of Sindh , Livestock & Fisheries Department, Govt of Sindh	2017 - 2017

Research Articles

Shikonin mitigates diabetic testicular dysfunction by improving oxidative, apoptotic, and metabolic functions in rats <i>Fatima Nawazish Ali Haider Imran Tarique</i> <i>Tissue and Cell</i> , Volume:95, Article Number:102879, Pages:08 Impact Factor: 2.7 Quartile: 1 DOI: https://doi.org/10.1016/j.tice.2025.102879	2025
Comparative assessment of urea, creatinine, and blood urea nitrogen in male and female patients with different age groups of chronic kidney disease in Shaheed Benazir Abad, Sindh <i>Imran Tarique Sehrish Arain Haiqa Sami Rida Mughal Iqra Majeed Rubia Saba Jaweria Rajput Manahil Altaf Lal Bux</i> <i>World Journal of Biology and Biotechnology</i> , Volume 8, Number 2, Pages 39-42 Impact Factor: N/A DOI: DOI: 10.33865/wjb.008.02.1099	2023
Cellular evidence of mucus cell immunological and differentiation characteristics in allogeneic crucian carp intestinal lamina propria <i>Wei Wang Yongchao Feng Imran Tarique Jiyue Liu Si Chen Yisheng Wang Zhaoxuan Zhu Xiangfei Meng Lin Peng Ping Yang</i> <i>Fish and Shellfish Immunology</i> , Volume:141, Article Number: 109024 Impact Factor: 4.7 Quartile: 1 Citations: 4 DOI: 10.1016/j.fsi.2023.109024	2023
Cellular activity of autophagy and multivesicular bodies in lens fiber cells during early lens development in rbm24a mutant of zebrafish: Ultrastructure analysis <i>Imran Tarique Tong Lu Mansoor Tariq</i>	2023

<i>Micron</i> , Volume 169, Article Number 103446 Impact Factor: 2.500 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1016/j.micron.2023.103446	
Morphometric analysis of skin in different body regions of young and adult red sindhi cattle bos indicus <i>Imran Tarique Muhammad Ghiasuddin Shah Illahi Bux Kalhoro Zaheer Ahmed Nizamani Mansoor Tariq Jameel Ahmed Gandahi Saqib Ali Fazlani Benazir Sahito</i> <i>Pakistan Journal of Zoology</i> , Volume 53, Issue 5, Pages 1609-1616 Impact Factor: 0.687 Quartile: 4 Citations: 1 DOI: doi.org/10.17582/journal.pjz/20191020141047	2021
A time-saving strategy to generate double maternal mutants by an oocyte-specific conditional knockout system in zebrafish <i>Chong Zhang Jianguang Li Imran Tarique Yizhuang Zhang Tong Lu Jiasheng Wang Aijun Shen Fenfen Wen Zhuoyu Zhang Yanjun Zhang Ming Shao</i> <i>Biology</i> , Volume 10, Issue 8, Article Number 777 Impact Factor: 5.168 Quartile: 1 Citations: 4 DOI: https://doi.org/10.3390/biology10080777	2021
Rapid generation of maternal mutants via oocyte transgenic expression of CRISPR-Cas9 and sgRNAs in zebrafish <i>Chong Zhang Tong Lu Yizhuang Zhang Jianguang Li Imran Tarique Aijun Shen Jiasheng Wang Zhuoyu Zhang Yanjun Zhang De Li Shi Shao Ming</i> <i>Science Advances</i> , Volume 7, Issue 32, Article Number eabg4243 Impact Factor: 14.980 Quartile: 1 Citations: 13 DOI: 10.1126/sciadv.abg4243	2021
Tissue Micro-channels Formed by Collagen Fibers and their Internal Components: Cellular Evidence of Proposed Meridian Conduits in Vertebrate Skin <i>Xuebing Bai Wu Ruizhi Zhang Yue Liang Chunhua Shi Yonghong Zhang Yingxin Ding Baitao Imran Tarique Yang Ping Qiusheng Chen</i> <i>Microscopy and Microanalysis</i> , Volume 26, Issue 5, Pages 1069-1075 Impact Factor: 4.127 Quartile: 1 Citations: 11 DOI: DOI: 10.1017/S1431927620024381	2020
Cellular evidence of autophagy in Sertoli cells during spermatogenesis in goats <i>Wenjia Qu Imran Tarique Beihua Deng Yue Zhang Abdul Haseeb Qiusheng Chen Ping Yang</i> <i>Theriogenology</i> , Volume 154, Pages 237-245 Impact Factor: 2.740 Quartile: 1 Citations: 8 DOI: https://doi.org/10.1016/j.theriogenology.2020.05.024	2020
Morphologic Study on Lymphocyte Homing in Duck Tembusu Virus-Infected Duck Spleen <i>Wenqian Li Mengdi Xu Xuejing Sun Sheng Yang Imran Tarique Yonghong Shi Ping Yang Qiusheng Chen</i> <i>Avian Diseases</i> , Volume 64, Issue 3, Pages 286-293 Impact Factor: 1.577 Quartile: 2 Citations: 1 DOI: 10.1637/aviandiseases-D-20-00002	2020
Morphological characterization of postembryonic development of blood–spleen barrier in duck <i>Mengdi Xu Wenqian Li Sheng Yang Xuejing Sun Imran Tarique Ping Yang Qiusheng Chen</i> <i>Poultry Science</i> , Volume 99, Issue 8, Pages 3823-3830 Impact Factor: 3.352 Quartile: 1 Citations: 21 DOI: 10.1016/j.psj.2020.05.012	2020
Interaction of Epididymal Epithelia and their Secretions with Spermatozoa Supports Functional and Morphological Changes during Long-Term Storage in the Chinese Soft-Shelled Turtle (<i>Pelodiscus sinensis</i>) <i>Imran Tarique Mansoor Tariq Xuebing Bai Wenjia Qu Ping Yang Yufei Huang Yang Sheng Waseem Ali Vistro Qiusheng Chen</i> <i>Microscopy and Microanalysis</i> , Volume 26, Issue 3, Pages 542-550 Impact Factor: 4.127 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1017/S1431927620001373	2020
Telocytes in Different Organs of Vertebrates: Potential Essence Cells of the Meridian in Chinese Traditional Medicine <i>Shi Yonghong Wu Ruizhi Zhang Yue Xuebing Bai Imran Tarique Liang Chunhua Ping Yang Qiusheng Chen</i> <i>Microscopy and Microanalysis</i> , Volume 26, Issue 3, Pages 575-588 Impact Factor: 4.127 Quartile: 1 Citations: 21 DOI: https://doi.org/10.1017/S1431927620001518	2020

In vivo cellular evidence of autophagic associated spermiophagy within the principal cells during sperm storage in epididymis of the turtle <i>Imran Tarique YonghongShi Noor Samad Gandahi Baitao Ding Ping Yang Chang Chen Waseem Ali Vistro Qiusheng Chen</i> <i>AGING-US</i> , Volume:12, Issue:10, Page:8987-8999 Impact Factor: 5.682 Quartile: 1 Citations: 7 DOI: 10.18632/aging.103144	2020
Ultrastructural Evidence of Melanomacrophagic Centers and Lipofuscin in the Liver of Zebrafish (Denio rerio) <i>Noor Samad Gandahi Jameel Ahmed Gandahi Ping Yang Imran Tarique Waseem Ali Vistro Abdul Haseeb Yufei Huang Liang Yu Xuebing Bai Qiusheng Chen</i> <i>Zebrafish</i> , Volume 17, Issue 2, Pages 83-90 Impact Factor: 1.985 Quartile: 2 Citations: 9 DOI: 10.1089/zeb.2019.1826	2020
Hematological and plasma biochemical parameters of chinese soft-shelled turtle during hibernation and non-hibernation <i>Waseem Ali Vistro Yue Zhang Muhammad Azhar Ruizhi Wu Sheng Yang Chang Chen Ding Baitao Wenjia Qu Xuebing Bai Yufei Huang Imran Tarique Ping Yang Qiusheng Chen</i> <i>International Journal of Agriculture and Biology</i> , Volume 23, Issue 3, Pages 529-533 Impact Factor: N/A Citations: 7 DOI: DOI: 10.17957/IJAB/15.1319	2020
Effect of seasonal variance on intestinal epithelial barriers and the associated innate immune response of the small intestine of the Chinese soft-shelled turtles <i>Yonghong Shi Waseem Ali Vistro Xuebing Bai Ruizhi Wu Chang Chen Yufei Huang Sarfaraz Ali Fazlani Imran Tarique Qiusheng Chen Ping Yang</i> <i>Fish and Shellfish Immunology</i> , Volume 97, Pages 173-181 Impact Factor: 4.581 Quartile: 1 Citations: 17 DOI: https://doi.org/10.1016/j.fsi.2019.12.042	2020
Cellular Evidence of CD63-Enriched Exosomes and Multivesicular Bodies within the Seminiferous Tubule during the Spermatogenesis of Turtles <i>Imran Tarique Abdul Haseeb Xuebing Bai Wenqian Li Ping Yang Yufei Huang Sheng Yang Mengdi Xu Yue Zhang Waseem Ali Vistro Sarfaraz Ali Fazlani Qiusheng Chen</i> <i>Microscopy and Microanalysis</i> , Volume 26, Issue 1, Pages 148-156 Impact Factor: 4.127 Quartile: 1 Citations: 19 DOI: https://doi.org/10.1017/S1431927619015149	2020
Characterization of in vivo autophagy during avian spermatogenesis <i>Abdul Haseeb Xuebing Bai Waseem Ali Vistro Imran Tarique Hong Chen Ping Yang Noor Samad Gandahi Adeela Iqbal Yufei Huang Qiusheng Chen</i> <i>Poultry Science</i> , Volume 98, Issue 10, Pages 5089-5099 Impact Factor: 2.659 Quartile: 1 Citations: 11 DOI: DOI: 10.3382/ps/pez320	2019
Multivesicular bodies containing exosomes in immune-related cells of the intestine in zebrafish (Danio rerio): Ultrastructural evidence <i>Xuebing Bai YonghongShi Imran Tarique Waseem Ali Vistro Yufei Huang Hong Chen Abdul Haseeb Noor Samad Gandahi Ping Yang Qiusheng Chen Jinxing Lin</i> <i>Fish and Shellfish Immunology</i> , Volume 95, Pages 644-649 Impact Factor: N/A Citations: 10 DOI: DOI: 10.1016/j.fsi.2019.10.044	2019
In Vivo Multivesicular Body and Exosome Secretion in the Intestinal Epithelial Cells of Turtles during Hibernation <i>Waseem Ali Vistro Yufei Huang Xuebing Bai Ping Yang Abdul Haseeb Hong Chen Yifei Liu Zhang Yue Imran Tarique Qiusheng Chen</i> <i>Microscopy and Microanalysis</i> , Volume 25, Issue 6, Pages 1341-1351 Impact Factor: 3.414 Quartile: 1 Citations: 13 DOI: DOI: 10.1017/S1431927619015071	2019
Seasonal exploration of ultrastructure and Na⁺/K⁺-ATPase, Na⁺/K⁺/2Cl⁻ cotransporter of mitochondria-rich cells in the small intestine of turtles <i>Waseem Ali Vistro Imran Tarique Abdul Haseeb Ping Yang Yufei Huang Hong Chen Xuebing Bai Sarfaraz Ali Fazlani Qiusheng Chen</i> <i>Micron</i> , Volume 126, Article Number 102747 Impact Factor: 1.726 Quartile: 2 Citations: 12 DOI: https://doi.org/10.1016/j.micron.2019.102747	2019

- In vivo autophagy up-regulation of small intestine enterocytes in chinese soft-shelled turtles during hibernation** 2019
Waseem Ali Vistro Yue Zhang Xuebing Bai Ping Yang Yufei Huang Wenjia Qu Abdul Sattar Ruizhi Wu Imran Tarique Qiusheng Chen
Biomolecules , Volume 9, Issue 11, Article Number 682
Impact Factor: 4.082 | **Quartile:** 2 | **Citations:** 11
DOI: doi: 10.3390/biom9110682
- Characterization of extracellular vesicles from cilia and epithelial cells of ductuli efferentes in a turtle (Pelodiscus sinensis)** 2019
Imran Tarique Yufei Liu Xuebing Bai Abdul Haseeb Ping Yang Yufei Huang Wenjia Qu Ruizhi Wu Waseem Ali Vistro Qiusheng Chen
Animals , Volume 9, Issue 11, Article Number 888
Impact Factor: 2.323 | **Quartile:** 1 | **Citations:** 9
DOI: <https://doi.org/10.3390/ani9110888>
- Characterization of multilamellar bodies and telocytes within the testicular interstitium of naked mole rat Heterocephalus glabe** 2019
Abdul Haseeb Imran Tarique Adeela Iqbal Noor Samad Gandahi Waseem Ali Vistro Xuebing Bai Yu Liang Yufei Huang Hong Chen Qiusheng Chen Ping Yang
Theriogenology , Volume 138, Pages 111-120
Impact Factor: 2.094 | **Quartile:** 1 | **Citations:** 6
DOI: 10.1016/j.theriogenology.2019.07.010
- Mitochondria-rich cells: A novel type of concealed cell in the small intestine of chinese soft-shelled turtles (Pelodiscus Sinensis)** 2019
Waseem Ali Vistro Yifei Liu Mengdi Xu Ping Yang Abdul Haseeb Xuebing Bai Liang Yu Noor Samad Gandahi Imran Tarique Qiusheng Chen Yufei Huang
Animals , Volume 9, Issue 10, Article Number 717
Impact Factor: 2.323 | **Quartile:** 1 | **Citations:** 3
DOI: <https://doi.org/10.3390/ani9100717>
- Cellular Evidence and Source of Exosomes in the Biliary System of the Chinese Soft-Shelled Turtle, Pelodiscus sinensis** 2019
Xudong Zhu Siyi Wang Imran Tarique Tianci An Huang Yang Xuebing Bai XiaoFei Wang Qiusheng Chen Ping Yang
Frontiers in Physiology , Volume 10, Article Number 1097
Impact Factor: 3.367 | **Quartile:** 1 | **Citations:** 7
DOI: <https://doi.org/10.3389/fphys.2019.01097>
- Identification and characterization of telocytes in rat testis** 2019
Yifei Liu Yu Liang Siyi Wang Imran Tarique Waseem Ali Vistro Haiyan Zhang Abdul Haseeb Noor Samad Gandahi Adeela Iqbal Tianci An Huang Yang Qiusheng Chen Ping Yang
Aging , Volume 11, Issue 15, Page 5757-5768
Impact Factor: 4.831 | **Quartile:** 1 | **Citations:** 35
DOI: 10.18632/aging.102158
- Age-associated changes of the intrinsic nervous system in relation with interstitial cells in the pre-weaning goat rumen** 2019
Yu Liang Imran Tarique Waseem Ali Vistro Yifei Ziwu Wang Abdul Haseeb Noor Samad Gandahi Adeela Iqbal Siyi Wang Tianci An Huang Yang Qiusheng Chen Ping Yang
AGING-US , Volume 11, Issue 13, Pages 4641-4653
Impact Factor: 4.831 | **Quartile:** 1 | **Citations:** 4
DOI: 10.18632/aging.102076
- Telocytes as a Novel Structural Component in the Muscle Layers of the Goat Rumen** 2019
Yu Liang Siyi Wang Tianci An Imran Tarique Waseem Ali Vistro Yifei Liu Ziyu Wang Haiyan Zhang YonghongShi Abdul Haseeb Noor Samad Gandahi Adeela Iqbal Huang Yang Qiusheng Chen Ping Yang
Cell Transplantation , Volume 28, Issue 7, Pages 955-966
Impact Factor: 3.341 | **Quartile:** 2 | **Citations:** 13
DOI: 10.1177/0963689719842514
- Inhibition of autophagy impairs acrosome and mitochondrial crista formation during spermiogenesis in turtle: Ultrastructural evidence** 2019
Abdul Haseeb Imran Tarique Xuebing Bai Ping Yang Waseem Ali Vistro Yufei Huang Sarfaraz Ali Fazlani Zulfikar Ahmed Qiusheng Chen
Micron , Volume 121, Pages 84-89
Impact Factor: 1.726 | **Quartile:** 2 | **Citations:** 10
DOI: <https://doi.org/10.1016/j.micron.2019.03.006>

Apoptotic-like changes in epididymal spermatozoa of soft-shelled turtles, <i>Pelodiscus sinensis</i>, during long-term storage at 4 °C	2019
<i>Hong Chen Yufei Huang Xuebing Bai Ping Yang Imran Tarique Waseem Ali Vistro Noor Samad Gandahi Sarfaraz Ali Fazlani Qiusheng Chen</i>	
<i>Animal Reproduction Science</i> , Volume 205, Pages 134-143	
Impact Factor: 1.660 Quartile: 2 Citations: 6	
DOI: https://doi.org/10.1016/j.anireprosci.2019.04.014	
In vivo multivesicular bodies and their exosomes in the absorptive cells of the zebrafish (<i>Danio Rerio</i>) gut	2019
<i>Xuebing Bai Yanna Guo Yonghong Shi Jinxing Lin Imran Tarique Xindong Wang Waseem Ali Vistro Yufei Huang Hong Chen Abdul Haseeb Ping Yang Qiusheng Chen</i>	
<i>Fish and Shellfish Immunology</i> , Volume 88, Pages 578-586	
Impact Factor: N/A Citations: 20	
DOI: https://doi.org/10.1016/j.fsi.2019.03.030	
Hepatic lipid droplet breakdown through lipolysis during hibernation in Chinese Soft-Shelled Turtle (<i>Pelodiscus sinensis</i>)	2019
<i>Yufei Huang Hong Chen Ping Yang Xuebing Bai Yonghong Shi Waseem Ali Vistro Imran Tarique Abdul Haseeb Qiusheng Chen</i>	
<i>Aging</i> , Volume:11, Issue:7, Page:1990-2002	
Impact Factor: 4.831 Quartile: 1 Citations: 18	
DOI: DOI: 10.18632/aging.101887	
LIPOPHAGY: A novel form of steroidogenic activity within the LEYDIG cell during the reproductive cycle of turtle	2019
<i>Imran Tarique Waseem Ali Vistro Xuebing Bai Ping Yang Chen Hong Yufei Huang Abdul Haseeb Enxue Liu Noor Samad Gandahi Mengdi Xu Yifei Liu Qiusheng Chen</i>	
<i>Reproductive Biology and Endocrinology</i> , Volume 17, Issue 1, Article Number 19	
Impact Factor: 4.982 Quartile: 1 Citations: 26	
DOI: 10.1186/s12958-019-0462-2	
In vivo dynamic distribution of multivesicular bodies and exosomes in spleen of DTMUV infected duck	2019
<i>Enxue Liu Xuejing Sun Xindong Wang Taozhi Wang Wenqian Li Imran Tarique Ping Yang Qiusheng Chen</i>	
<i>Veterinary Microbiology</i> , Volume 229, Pages 138-146	
Impact Factor: 3.030 Quartile: 1 Citations: 4	
DOI: https://doi.org/10.1016/j.vetmic.2018.12.014	
Effect of temperature and storage time on DNA quality and quantity from normal and diseased tissues	2017
<i>Imran Tarique Pershotam Khatri Bachal Bhutto Mansoor Tariq Iqra Chandio Munaza Soomro Saqib Ali Sheeba Shams</i>	
<i>Journal of Basic & Applied Sciences</i> , Volume 13, Pages (203-206)	
Impact Factor: N/A	
DOI: 10.6000/1927-5129.2017.13.35	

Editorial Activities

Pakistan Journal of Agricultural Research	2025
Reviewed Papers for Journals	
Impact Factor: 0.23	
Pharmaceuticals	2025
Reviewed Papers for Journals	
Impact Factor: 4.3	
Heliyon	2025
Reviewed Papers for Journals	
Impact Factor: 3.4	
Pharmaceuticals	2025
Reviewed Papers for Journals	
Impact Factor: 4.3	
Pharmaceuticals	2024
Reviewed Papers for Journals	
Impact Factor: 4.3	
Integrative Zoology	2024
Reviewed Papers for Journals	

Impact Factor: 3.5	
International Journal of cell biology	2024
Edited Journal Issue / Proceeding / Book	
Impact Factor: 0.5	
Acta Histochemica	2024
Reviewed Papers for Journals	
Impact Factor: 2.5	
Poultry Science	2024
Reviewed Papers for Journals	
Impact Factor: 4.4	
Methods and Protocols	2024
Reviewed Papers for Journals	
Impact Factor: 2.4	
International Journal of Molecular Sciences	2024
Reviewed Papers for Journals	
Impact Factor: 5.6	
International Journal of Molecular Sciences	2023
Reviewed Papers for Journals	
Impact Factor: 5.6	
Cells	2023
Reviewed Papers for Journals	
Impact Factor: 6.0	
International Journal of Molecular Sciences	2023
Reviewed Papers for Journals	
Impact Factor: 6.208	
Biology-Basel	2023
Reviewed Papers for Journals	
Impact Factor: 5.168	
Asia-Pacific Journal of Molecular Biology and Biotechnology	2023
Reviewed Papers for Journals	
Impact Factor: N/A	
Livestock Science	2023
Reviewed Papers for Journals	
Impact Factor: 1.929	
Veterinary sciences	2022
Reviewed Papers for Journals	
Impact Factor: 2.518	