

List of Publications

([†]Equally contributed, [#]Presenter & ^{*}Corresponding author)

Published Gene: (2)

- 1) M. Shahiduzzamn,^{*} M. J. Hossain, S. Raut, R. P. Singh, M. Akhtaruzzaman and **P. Mishra** (2019). *Theileria annulata* Sirajganj gene for 18S ribosomal RNA, partial sequence. National Center for Biotechnology Information. (Accession number: [LC439356](#))
- 2) **P. Mishra**,^{*} S. Raut, R. P. Singh and M. Shahiduzzamn (2018). *Babesia bigemina* isolate Sirajganj RAP-1a (RAP-1a) gene, partial cds. National Center for Biotechnology Information. (Accession number: [MH790974](#))

Peer Reviewed Journal Papers: Published (14), Submitted (2), In preparation (1)

- 1) **P. Mishra**, and R. Jha^{*}. Omega-3 fatty acids in poultry nutrition and their effects on growth performance, meat and egg quality, gut health and bone health: A review. Poultry Science. (*In preparation*) [IF: 2.659]
- 2) R. Jha^{*}, and **P. Mishra** . Review: Dietary fibers in poultry nutrition and their effects on performance, nutrient utilization, gut health, and environment. Journal of Animal Science and Biotechnology. (*Submitted*) [IF: 4.167]
- 3) A. H. Ali, T. Yeasmin, M. Kamruzzaman, Y. A. Mohamed, A. I. Mohamud, **P. Mishra**^{*}, (2021). Evaluation of dietary supplementation of fenugreek seed (*Trigonella foenum-graecum* L.) as a growth promoter in broiler diet and its impacts on growth performance, carcass quality and cost effectiveness. Journal of Istanbul Veterinary Sciences. (*Resubmitted after revision*)
- 4) A. W. Osman, R. Islam, M. B. Rashid, A. I. Mohamud^{*}, and **P. Mishra** (2021). Nanoparticle tactics for the oral delivery of insulin in alloxan-induced hyperglycemia in rat (*Rattus norvegicus domestica*) model. Veterinary Sciences: Research and Review. (*Accepted on 31 December, 2020*)
- 5) S. A. Mohamed[†], A. I. Mohamud^{†*}, Y. A. Mohamed, **P. Mishra**, and O. S. A. Jama (2021). Assessment of knowledge, attitude, and practices of population towards brucellosis in Benadir region, Somalia. Veterinary Sciences: Research and Review. (*Accepted on 31 December, 2020*)
- 6) A. I. Mohamud[†], **P. Mishra**^{†*}, V. K. Yadav and Y. A. Mohamed (2020). Prevalence of poultry (*Gallus domesticus*) diseases in southern Somalia. EC Veterinary Science, 5(11): 43-48. (URL: <https://www.econicon.com/ecve/ECVE-05-00332.php>)
- 7) A. I. Mohamud, Y. A. Mohamed, O. S. A. Jama, **P. Mishra**^{*} and M. I. Mohamed (2020). Prevalence and major pathogens associated with clinical and subclinical mastitis in dairy camel (*Camelus dromedarius*) in Benadir region of Somalia. Veterinary Sciences: Research and Review, 6(2): 132-137. (DOI: <http://dx.doi.org/10.17582/journal.vsr/2020.6.2.132.137>)
- 8) R. Jha^{*}, R. Das, S. Oak and **P. Mishra** (2020). Probiotics (Direct-fed microbials) in poultry nutrition and their effects on nutrient utilization, growth and laying performance, and gut health: A systematic review. Animals, 10(10): 1863. (DOI: <http://dx.doi.org/10.3390/ani10101863>) [IF: 2.323]

- 9) **P. Mishra**, V. K. Yadav and M. Hasan* (2020). Evisceration of umbilical content with extensive adhesion: A surgical approach. *Clinical Case Reports*, 8(12): 3569-3570. (DOI: <https://doi.org/10.1002/ccr3.3217>)
- 10) **P. Mishra**, M. M. Mahmud, M. A. H. Shahid, A. Hasan, V. K. Yadav and M. Hasan* (2020). Molecular Detection of methicillin-resistant *Staphylococcus aureus* (MRSA) from a clinical case of myiasis wound. *Veterinary Sciences: Research and Review*, 6(2): 96-99. (DOI: <http://dx.doi.org/10.17582/journal.vsr/2020/6.2.96.99>)
- 11) M. G. R. Russel[†], **P. Mishra**[†], M. Rahman and M. M. Alam* (2020). Exploring bacterial pathogens and risk factors associated with the occurrence of navel ill in calves. *Journal of Istanbul Veterinary Sciences*, 4(2): 37-42. (DOI: <https://doi.org/10.30704/http-www-jivs-net.722788>)
- 12) **P. Mishra**, M. M. Mahmud, V. K. Yadav and M. Hasan* (2020). Umbilical hernia with extensive adhesion and evisceration in a bovine calf. *Iranian Journal of Veterinary Surgery*, 15(1): 92-95. (DOI: <https://dx.doi.org/10.30500/ivsa.2020.205918.1202>)
- 13) M. B. Ashraf, M. A. Akter, M. Saha, **P. Mishra**, N. Hoda and M. M. Alam* (2019). Clinicopathological evaluation on capture myopathy due to chemical immobilization in spotted deer. *Turkish Journal of Veterinary Research*, 3(2): 81-84. (URL: <http://dergipark.org.tr/en/pub/tjvr/issue/48823/598432>)
- 14) N. Hoda, M. R. Karim, **P. Mishra**, M. M. Shihab, M. M. Jaman, M. R. Alam and M. M. Alam* (2018). Occurrence of *Schistosomus reflexus* in neonatal bovine calves in certain areas of Bangladesh: a retrospective study. *Bangladesh Veterinary Journal*, 52(1-4): 39-45. (DOI: <https://doi.org/10.32856/BVJ-2018.05>)
- 15) Z. Talukder, N. Hoda, P. Jha, **P. Mishra**, M. Momy and M. M. Alam* (2018). A retrospective study on the occurrence of surgical affection in zoo carnivores of the national zoological garden at Dhaka, Bangladesh. *Research in Agriculture, Livestock and Fisheries*, 5(3): 335-339. (DOI: <https://doi.org/10.3329/ralf.v5i3.39582>)
- 16) M. M. Jaman, **P. Mishra**, M. Rahman and M. M. Alam* (2018). Clinical and laboratory investigation on the recurrence of the umbilical hernia after herniorrhaphy in bovine calves. *Journal of Bangladesh Agricultural University*, 16(3): 464-470. (DOI: <https://doi.org/10.3329/jbau.v16i3.39418>)
- 17) N. Hoda, Z. Talukder, **P. Mishra**, M. M. Jaman and M. M. Alam* (2018). Occurrence of surgical affections in zoo herbivores: a retrospective study. *Research in Agriculture, Livestock and Fisheries*, 5(2): 209-214. (DOI: <https://doi.org/10.3329/ralf.v5i2.38110>)

Non-Peer Reviewed Article: (2)

- 1) R. Jha*, and **P. Mishra** (2020). Probiotic in Poultry Nutrition. Encyclopedia. ([Online](#))
- 2) **P. Mishra*** (2020). Capture Myopathy: A leading cause of death in spotted deer and its solution. *The Scientific Reporters*. ([Online](#))

Conference Paper: (1)

- 1) K. H. M. N. H. Nazir,[†]* M. Y. Arafat, M. M. Mahmud, **P. Mishra** and M. B. Rahman (2018). Isolation and molecular detection of Aspergilli in broilers and layers in selected areas of

Presentations in professional meetings: (9)

- 1) M. A. Toma^{#*}, K. H. M. N. H. Nazir, M. M. Mahmud, **P. Mishra**, M. K. Ali, A. Kabir, M. A. H. Shahid, M. A. Alim (2020). Isolation of Natural Colorant Producing *Aspergillus niger* from Soil and Extraction of Pigment (**ePoster**). 1st International Electronic Conference on Food Science and Functional Foods. (DOI: https://doi.org/10.3390/foods_2020-07820)
- 2) **P. Mishra**[#], M. B. Ashraf, M. R. Munif, M. A. Akter, N. Hoda and M. M. Alam* (2020). Clinicopathological investigation on capture myopathy due to chemical immobilization in spotted deer (**Oral**). Proceedings of the 26th Annual International Scientific Conference 2020 of Bangladesh Society for Veterinary Education and Research, Bangladesh.
- 3) N. Hoda[#], M. B. Ashraf, **P. Mishra** and M. M. Alam* (2019). Investigation on capture myopathy as a consequence of chemical immobilization in spotted deer at Bangladesh National Zoo (**Oral**). Proceedings of the 13th Annual Meeting of Association of Indian Zoo and Wildlife Veterinarians, India.
- 4) M. Shahiduzzamn, B. C. M. Oliveira, **P. Mishra**^{#*} and G. Widmer (2019). Molecular characterization of human and bovine *Cryptosporidium* spp. isolates from fecal DNA in Mymensingh, Bangladesh (**Oral**). Proceedings of the 16th International Scientific Conference 2019 of Chattogram Veterinary and Animal Sciences University, Bangladesh.
- 5) **P. Mishra**^{#*}, H. F. Kamol, U. Honey, T. A. Poshpo, N. Islam and M. Hasan (2019). Umbilical hernia with extensive adhesion and evisceration in a bovine calf (**Poster**). Proceedings of the 16th International Scientific Conference 2019 of Chattogram Veterinary and Animal Sciences University, Bangladesh.
- 6) R. Sultana[#], **P. Mishra**, M. M. Alam* (2019). Effect of inhalant anaesthesia on proinflammatory cytokine at mRNA level in mice brain (**Poster**). Proceedings of the 25th Annual International Scientific Conference 2019 of Bangladesh Society for Veterinary Education and Research, Bangladesh.
- 7) M. M. Kamal, **P. Mishra**, M. M. Alam^{#*} (2019). Influence of general anaesthesia with thiopentone sodium on haemato-biochemical and pro-inflammatory cytokines in dog (**Poster**). Proceedings of the 25th Annual International Scientific Conference 2019 of Bangladesh Society for Veterinary Education and Research, Bangladesh.
- 8) R. Sultana[#], **P. Mishra**, M. M. Alam* (2019). Effect of inhalant anaesthesia and ketamine on proinflammatory cytokine at mRNA level in mice brain (**Poster**). Annual workshop of research progress 2017-18, Bangladesh Agricultural University Research System (January 19-20, 2019), Bangladesh Agricultural University, Mymensingh, Bangladesh.
- 9) **P. Mishra**[#], M. M. Jaman, M. A. Shoma, M Rahman and M. M. Alam* (2018). Clinical and laboratory investigation on the recurrence of umbilical hernia after herniopathy in bovine calves (**Poster**). Proceedings of the 15th International Scientific Conference 2018 of Chattogram Veterinary and Animal Sciences University, Bangladesh.