

INTERNATIONAL PUBLICATIONS

- 1) Iram Maqsood, Syed Mohsin Bukhari, **Rabea Ejaz**, Mohammad Nadeem Abbas, Saima Kausar, Bahar Ali, Rong ke. 2018. Bio-statistical options for quantitative diet analysis. Journal of Agriculture and Food Chemistry. DOI: [10.1021/acs.jafc.8b05156](https://doi.org/10.1021/acs.jafc.8b05156). (Impact factor: 3.412)
- 2) Asima Azam, Qaisar Shahzad, Asma U Husna, Saima Qadeer, **Rabea Ejaz**, Ali A Fouladi-Nashta, Muhammad Khalid, Nemat Ullah, Tasneem Akhtar. 2017. Supplementing α -Linolenic acid in the in vitro maturation media improves nuclear maturation rate of oocytes and early embryonic development in the Nili Ravi buffalo. Animal Reproduction, 14 (4): 1161-1169. (Impact factor: 0.906)
- 3) **R Ejaz**, MS Ansari, BA Rakha, S Qadeer, A U Husna, S Akhter. 2017. Evaluation of α -linolenic acid for freezability and *in vivo* fertility of Nili Ravi (*Bubalus bubalis*) buffalo semen. Theriogenology. 104: 1-6 (Impact factor: 2.136).
- 4) Saima Qadeer, Muhammad A Khan, Muhammad S Ansari, Bushra A Rakha, **Rabea Ejaz**, Asma U Husna, Asima Azam, Nemat Ullah, Virginia K Walker. 2017. Cryopreservation of Nili-Ravi Buffalo Bull Sperm in Cryodiluent Supplemented With *Lolium Perenne* Protein Preparations. Cryoletters. 38 (1), 43-50 (Impact factor: 0.58)
- 5) Asma Ul Husna, **Rabea Ejaz**, Saima Qadeer , Asima Azama, Bushra Allah Rakha, Muhammad Sajjad Ansari, Qaisar Shahzad, Moazzam Javedd, Mónica H. Vazquez-Levine, Shamim Akhter. A comparative analysis of sperm selection procedures prior to cryopreservation for Nili-Ravi buffalo bull (*Bubalus bubalis*) semen-: Assessment of its impact on post-thaw sperm functional quality. 2016. Animal Reproduction Science; 174: 29-36. (Impact factor: 1.511).
- 6) **R, Ejaz**, M.S. Ansari, B.A. Rakha, A.U. Husna, S. Qadeer, R. Iqbal, N. Ullah and S. Akhter. 2016. Cholesterol supplementation in extender improves quality of frozen-

- thawed Nili-Ravi buffalo bull semen. *Buffalo Bulletin*, 35(2): 259- 267. (Impact factor: 0.104).
- 7) S. Qadeer, M.A. Khan, Q. Shahzad, A. Azam, M.S. Ansari, B.A. Rakha, **R. Ejaz**, A.U. Husna, J.G. Duman, S. Akhter. 2016. Efficiency of beetle (*dendroides canadensis*) recombinant antifreeze protein for buffalo semen freezability and fertility. *Theriogenology*, 86(7): 1662-9
(Impact factor: 2.136).
 - 8) S. Qadeer, M.A. Khan, M.S. Ansari, B.A. Rakha, **R. Ejaz**, R. Iqbal, M. Younis, N. Ullah, Arthur L. DeVries, S. Akhter. 2015. Efficiency of antifreeze glycoproteins for cryopreservation of Nili-Ravi (*Bubalus bubalis*) buffalo bull sperm. *Animal Reproduction Science*. 157: 56-62 (Impact factor: 1.511).
 - 9) S. Qadeer, M. A. Kan, M. S. Ansari, B. A. Rakha, **R. Ejaz**, A. U. Husna, M. Ashiq, R. Iqbal, N. Ullah, S. Akhter. 2014. Evaluation of antifreeze protein III for cryopreservation of Nili-Ravi (*Bubalus bubalis*) buffalo bull sperm. *Animal Reproduction Science*. 148(1-2): 26-31. (Impact factor: 1.511).
 - 10) R. Ejaz**, M. S. Ansari, B. A. Rakha, N. Ullah, A. U. Husna, R. Iqbal, S. Akhter. 2014. Arachidic acid in extender improves post-thaw parameters of cryopreserved Nili-Ravi buffalo bull semen. *Reproduction in Domestic Animals*. 49(1): 122-5. (Impact factor: 1.4)

NATIONAL PUBLICATIONS

- 1) Asma-ul-Husna, Muhammad Sajjad Ansari, Bushra Allah Rakha, Razia Iqbal, **Rabea Ejaz**, Nemat Ullah and Shamim Akhter. 2016. Melatonin Supplementation in Extender Enhances the Post Thaw Quality of Buffalo Bull Spermatozoa. 49 (1): 163-167. *Pakistan Journal of Zoology*. (Impact factor: 0.547), ISSN: 0030-9923
- 2) Asima Azam, Asma-Ul-Husna, Saima Qadeer, Qaisar Shahzad, **Rabea Ejaz**, Nemat Ullah, Tasneem Akhtar and Shamim Akhter. 2018. Isologous oviductal epithelial cells co-culture and conditioned medium improves the development of in vitro produced nili

ravi buffalo (*Bubalus bubalis*) Embryos. Pakistan Journal of Zoology, 50: 1-8. (Impact factor: 0.547)

NATIONAL PROCEEDINGS

- 1) Fertility of cryopreserved buffalo semen can be improved by supplementation of arachidic acid in extender. **Rabea Ejaz**, Saima Qadeer, Iram Maqsood, Muhammad Sajjad Ansari, Bushra Allah Rakha, Asma Ul Husna, Asima Azam and Shamim Akhter. 39th Pakistan Congress of Zoology.
- 2) The comparative study of prevalence of toxoplasma infection in pregnant females of district Peshawar and Mardan, Pakistan. Saira Saleem, Sidra Jahanzeb, Irum Maqsood, **Rabea Ejaz**, Noor Jahan Begum and Ambar Shaheen. 39th Pakistan Congress of Zoology.
- 3) Co-relation of hypertension and diabetes in population of Peshawar, Pakistan. Iram Maqsood, Noor Jahan Begum, **Rabea Ejaz**, Saira Saleem, Ambar Shaheen and Kalsoom Multan. 39th Pakistan Congress of Zoology.
- 4) Epidemiology and risk factors of colorectal cancer in patients visiting institute of radiotherapy and nuclear medicine (IRNUM), Peshawar. Noor Jahan Begum, Salma Widan, Asima Azam, **Rabea Ejaz**, Iram Maqsood and Saira Saleem. 39th Pakistan Congress of Zoology.
- 5) Linoleic acid supplementation in extender improves sperm progressive motility and plasma membrane integrity of cryopreserved Nili-Ravi buffalo spermatozoa. **R.Ejaz**, M. S. Ansari, B. A. Rakha, S. Qadeer, A. U. Husna, A. Azam and S. Akhter. 37th Pakistan Congress of Zoology.
- 6) In Vitro longevity of cryopreserved semen from various cattle breeds. H. Basharat, **R. Ejaz**, S. Qadeer, M. S. Ansari, B. A. Rakha and S. Akhter. 37th Pakistan Congress of Zoology.
- 7) Acrosomal and DNA integrity of spermatozoa from patients visiting NIH, Islamabad. M. I. Khan, M. A. Awan, **R. Ejaz**, B. A. Rakha, M. S. Ansari, F. Tahir and S. Akhter. 37th Pakistan Congress of Zoology.
- 8) A novel recombinant eel pout (*Macrozoarces americanus*) type III antifreeze protein improve cryosurvival of buffalo sperm. S. Qadeer, M. A. Khan, M. S. Ansari, B. A.

Rakha, **R. Ejaz**, A. U. Husna, N. Ullah, V. K. Walker, and S. Akhter. 37th Pakistan Congress of Zoology.

- 9) Melatonin in extender improves the freezability of Sahiwal bull semen. M. Jabbar, M. S. Ansari, B. A. Rakha, R. Iqbal, **R. Ejaz**, A. U. Husna, N. Ullah and S. Akhter. 33rd Pakistan Congress of Zoology (International).
- 10) Melatonin supplementation of extender improves the post thaw quality of buffalo bull spermatozoa. A. U. Husna, M. S. Ansari, B. A. Rakha, R. Iqbal, M. Jabbar, **R. Ejaz**, N. Ullah and S. Akhter. 33rd Pakistan Congress of Zoology (International).
- 11) Lead concentration in goat blood. **R. Ejaz**, S. Jabeen, M. Sajjad, B. A. Rakha, S. Akhter and S. A. Khan. 28th Pakistan Congress of Zoology (International).
- 12) Anatomical studies on Jattal goat cervix for artificial insemination. **R. Ejaz**, S. Basit, M. S. Ansari, B. A. Rakha, S. M. H. Andrabi, N. Ullah and S. Akhter. 31st Pakistan Congress of Zoology (International).