

Dr. Rabea Ejaz

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PERSONAL INFORMATION

CNIC No: 37104-9972304-2

Father's Name: Mr. Muhammad Ejaz

Husband's Name: Mr. Shahid Iqbal

Date of Birth: 29-12-1985

District of Domicile: Attock (Punjab)

QUALIFICATIONS:

Degree	Subjects	MO/TM	Div/Grade	Board/University
Ph. D	Zoology	315/420	1 st Div	PMAS- AAUR
M. Phil	Zoology	509/660	1 st Div	PMAS- AAUR
M. Sc	Zoology	879/1200	1 st Div	PMAS- AAUR
B. Sc	Botany, Zoology, Applied Psychology	531/800	1 st Div	University of the Punjab, Lahore
HSSC	Pre-Medical	763/1100	1 st Div	FBISE, Islamabad
SSC	Science	626/850	1 st Div	BISE, Rawalpindi

PROFESSIONAL QUALIFICATION

Degree	Subjects	MO/TM	Div/Grade	Board/University
B.Ed	Education	606/900	1 st Div	AIOU, Islamabad

THESIS DISSERTATIONS

- 1) Studies on cervical anatomy of local goat for artificial insemination
- 2) Effect of membrane stabilizing agents on freezability and *in vivo* fertility of cryopreserved Nili Ravi buffalo bull semen

HONORS, AWARDS AND CERTIFICATIONS

- HEC Approved Supervisor
- HEC Indigenous PhD 5000 fellowship
- District level merit scholarship
- Letter of Appreciation from Principal Investigator as Research Associate

EMPLOYMENT EXPERIENCE

1) Head of Department.

Department of Zoology, Shaheed Benazir Bhutto Women University Peshawar from 26 October, 2018 till date.

2) Assistant Professor

Department of Zoology, Shaheed Benazir Bhutto Women University Peshawar from 16 May, 2017 till date.

3) Assistant Professor

Department of Zoology, Women University Swabi from 13 December, 2016 to 15 May, 2017.

4) Research Associate

Department of Zoology, PMAS-Arid Agriculture University, Rawalpindi, from 24 October, 2008 to 31 May, 2011.

5) Visiting Lecturer

Department of Zoology, PMAS-Arid Agriculture University, Rawalpindi from 03 March, 2015 to 30 September, 2015.

AREA OF INTEREST

Reproductive Physiology
Cryopreservation

SEMINARS ORGANIZED

- Fish farming and its impact on Pakistan economy.
On 3rd November, 2017 at Shaheed Benazir Bhutto Women University
Peshawar
- Management strategies for vectors of human diseases with special emphasis on Bio control of Dengue Fever”
On 19th October, 2018 at Shaheed Benazir Bhutto Women University
Peshawar

SEMINARS ATTENDED

- Regression analysis through SPSS
On 12th October, 2018 at Shaheed Benazir Bhutto Women University
Peshawar
- Two day training seminar for SheCan
Supported by the USAID small grants and ambassador’s fund program
From 14th to 15th May, 2018.
- Breast cancer awareness seminar
for participation in a panel discussion on Role of university students and
faculty in prevention and early detection of breast cancer
On 24th October, 2018 at Shaheed Benazir Bhutto Women University
Peshawar

WORKSHOPS ATTENDED

- Three days workshop on “Technical skills in scientific writing for chemical, physical, biological and numerical sciences” from 23 to 25 January, 2018.
- Two day workshop on “Thesis/Article Writing Skills and Endnote (A citation management tool) at December 12-13, 2018 at Shaheed Benazir Bhutto Women University Peshawar.
- “One day hand on workshop on Endnote” at SBBWU, Peshawar
On 2nd May, 2018

- One day workshop on “Latex and Bibtex; Document preparation system for high quality typesetting” on 02 October, 2017.

WORKSHOPS ATTENDED AS A RESOURCE PERSON

- Smart Literature Search, Thesis and Internship Report Writing

On 26th April, 2018

RESEARCH STUDENTS SUPERVISED

- 1) Risk factors of premature births
- 2) Relationship of anemia with miscarriages
- 3) Prevalence of brain tumour in Peshawar city
- 4) Association of living environment, stress and exercise with oligomenorrhea in population of Peshawar Pakistan
- 5) Risk factors and prevalence of dental caries in patients visiting Lady Reading Hospital Peshawar
- 6) Risk factors of oligomenorrhea
- 7) Prevalence of asthma in patients visiting Lady Reading Hospital Peshawar
- 8) Prevalence of diabetes (a case study of Peshawar)

PROJECTS AWARDED

- Seasonal variations in quality of cryopreserved Nili Ravi buffalo bull spermatozoa (funded by HEC)
- Assessment of bull semen fertility by in vitro fertilization tests in Nili Ravi buffalo bull (funded by HEC)
- Diet analysis based on next-generation sequencing: application to the snow leopard in Pakistan.

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. (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).

REFEREES

- 1) **Prof. Dr. Mazhar Qayyum**
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- 2) **Dr. Shamim Akhter**
Chairperson/Associate Professor
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