रूहेलखण्ड विश्वविद्यालय, बरेली

University Faculty Details

Title	Dr.	First Name	Vrajesh	Last Name	Tripathi	Photograph
Designation	Associate Professor					
Department	Animal Science					
Address (Campus)	Faculty of Applied Sciences					
(Residence)	D-2, Type IV, Teachers Residence, MJP Rohilkhand University (Campus)					
Phone No (Campus)	0581-2520083 (office)					
(Residence) optional						
Mobile	+919411091602					
Fax						
Email	vrajeshtripathy@yahoo.co.in					

Education

Subject	Institution	Year	Details
Ph.D.	BHU	1995	Role of prostaglandins in the reproduction of catfish *Heteropneustes fossilis*
M. Sc.	BHU	1989	Zoology
B. Sc.	BHU	1987	Zoology (Hon), Botany, Chemistry

Career Profile

Organization / Institution	Designation	Duration	Role
BHU	JRF / SRF (CSIR-NET)	1990-95	Research
MJPRU	Lecturer	1996-2005	Teaching / Research
MJPRU	Reader	2005- 2008	Teaching / Research
MJPRU	Associate Professor	2008- contd.	Teaching / Research

Research Interests / Specialization

Reproductive Biology (Teleost / Mammal); Toxicology. The theme of research is focused on understanding role of some paracirne / autocrine regulators, especially in reproductive physiology of vertebrates. Study for the role of GnRH, Inhibin family, and Nitric Oxide Synthase in human testis and their relationship with sterility highlights the importance of paracrine regulators. Extending the work, recently we have localized the NOS isoforms in the ovary of fish. Further work is in progress to understand the role of these molecules.

Teaching Experience (Subjects/Courses Taught)

Endocrinology; Fish Biology; cell biology etc.

Honors & Awards

'UGC Research Award 2002 (Career Award)**'**: From University Grant Commission, Govt. of lndia, New Delhi.

Publications (LAST FIVE YEARS)

In Indexed/ Peer Reviewed Journals

Year of Publication	Title	Journal	Co-Author
2008	Changes in nitric oxide (NO) synthase isoforms and NO in the ovary of *Heteropneustes fossilis* (Bloch.) during the reproductive cycle	Journal of Endocrinology 199, 307–316	A. Krishna
2008	Expression of nitric oxide synthase isoforms in the ovary of *Heteropneustes fossilis* (Bloch.) during follicular development, and oocytes maturation	Cybium, 32(2) suppl.: 222	A. Krishna

2004	Novel peptide treated macrophage induces apoptosis in tumour cell line P815	Europe J Inflammation 2 (2): 77-84	A. Acharya
2003	Inhibin in male reproduction and its clinical relevance	J Endocrinol Reprod. 7 (1&2):1-17	A. Krishna, RK Srivastava
2003	Novel peptides enhance the production of nitric oxide and inducible nitric oxide synthase (iNOS) gene expression in Murine macrophage	Int J Immunopathol Pharmacol. 16 (3): 241-6	A. Acharya

Articles

V. Tripathi, R.K. Srivastava and A. Krishna (2003). Clinical application of inhibin in male fertility. In: 'Current views on fertility management' (Eds. A. Krishna et al.) B.H.U. Press, Varanasi, p.119-136

Conferences

- **V. Tripathi** and A. Krishna (2007). Expression of nitric oxide synthase isoforms in the ovary of *Heteropneustes fossilis* (Bloch.) during follicular development, and oocytes maturation. In "8th International Symposium on Reproductive Physiology of Fish", July 3-8, **St. Malo, France**.
- **V. Tripathi**, A. Krishna, U.S. Diwedi, and R. Sridaran (2005). Relationship between GnRH receptor and apoptosis in azoosperic patients. In: National Symposium on 'Comparative Endocrinology and Reproductive Physiology: Retrospect and Prospect' from Nov. 17-19, 2005, at Deptt of Zoology, University of Delhi, Delhi-110007, India.
- **V. Tripathi**, A. Krishna, U.S. Diwedi, and R. Sridaran (2004). Relationship between GnRH, Bradykinin and Inhibin/Activin (beta A and beta B subunits) and apoptosis in testes of infertile and aging men (accepted). Annual meeting of American Society of reproductive medicine, held on Oct.16-20, 2004, Philadelphia, **Pennsylvania**, **USA**.
- **V. Tripathi**, A. Krishna, U.S. Diwedi, and R. Sridaran (2004). Immunolocalization of GnRH, Bradykinin, Inhibin / Activin βA and βB subunits in human testis and their relationship with apoptosis in infertile men. In: SRBCE, XXII annual symposium on reproductive biology and comparative endocrinology, Jan 25-27, 2004, Univ. of Madras, Chennai, India.

University Service

- **2005- 2009 Assistant proctor**

Projects (Major Grants / Collaborations)

DST	Localization of nitric oxide synthases and role of nitric oxide in ovarian steroidogenesis and maturation in catfish *Heteropneustes fossilis* (Bloch.); PI	2008-11	24.87
UGC	The role of GnRH, Inhibin family, and Nitric Oxide Synthase in human testis and their relationship with sterility; PI	2002-05	10.5
AICTE	Computer aided drug design and development: Potential antitumor and antihypertensive agents.; co-PI	1997-00	5.00
UGC (Un-assigned)	Role of ascorbic acid and calcium in amelioration of fluoride induced toxicity'; PI	1996-99	0.12

Other Details

Active participation in various games, sports & cultural activities.

(Signature of Faculty Member)

(Signature & Stamp of Head of the Department