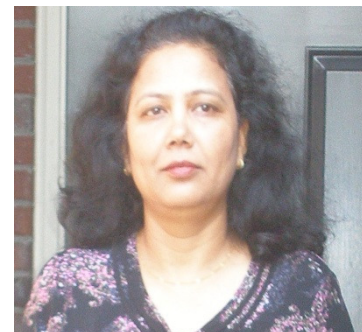


Department of Biotechnology

RENU BHATT, Ph.D.
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EDUCATION

- **Ph.D.**, Zoology, Banaras Hindu University, Varanasi, India.
- **M.Sc.**, Zoology, Garhwal University, India
- **B.Sc.**, Zoology, Botany and Chemistry, Garhwal University, India

PROFESSIONAL EXPERIENCE

- **Associate Professor of Biotechnology**, Department of Biotechnology, Guru Ghasidas University, Bilaspur, Chhatisgarh, India (2011-Present)
- **Consultant**, Center for Nanobiotechnology and Life Science Research, Alabama State University, Montgomery, AL, USA (2011)
- **Research Scientist, (Sponsored by Daiichi Sankyo)** University of Alabama at Birmingham's Health Center in Montgomery, AL, USA (2010-2011)
- **Research Faculty**, Department of Psychology, Neuroscience Program, Florida State University, Tallahassee, FL, USA (2008-2010)
- **Postdoctoral Fellow**, Department of Pediatrics, Medical College of Wisconsin, Milwaukee, WI, USA (2005-2008)
- **Research Associate**, Department of Medicine, University of Arkansas for Medical Science, Little Rock, AR, USA (2002-2005)
- **Post-doctoral Associate**, Department of Animal Science, University of Minnesota, St. Paul, MN, USA (2000-2002)
- **Pool Scientist** (Council of Scientific and Industrial Research [CSIR], New Delhi, India), Department of Zoology, Banaras Hindu University, Varanasi, India (1996-1999)
- **Research Associate** (CSIR, New Delhi, India), Department of Zoology, Banaras Hindu University, Varanasi, India, (1991-1996)

Awards

- **Exchange program visitor**, Department of Animal Science, MN, USA (2000)
- **Young Scientist Project Award**, Department of Science and Technology, New Delhi, India (2000)
- **Pool Scientist Award**, CSIR, New Delhi, India (1996- 1999)
- **Research Associate Award**, CSIR, New Delhi, India (1991-1996)
- **Pre doctoral Fellowship Award**, Department of Atomic Energy, Trombay, India (1987-1990)

Professional Membership

- **Member**, Society for Neuroscience, USA (2008-2010)
- **Member**, Society for Behavioral Neuro-endocrinology, USA (2009-2010)
- **Member**, American Association for the Advancement of Science, USA (2003-2005)
- **Life member**, Society for Reproduction Biology and Comparative Endocrinology (Since 1992)

Research Interest: Nanobiotechnology, Cancer Biology, Neuroscience

Selected Publication:

- Seth, R. Terry, D. Parrish, B. **Bhatt, R** and Overton, M.J. (2012): Amylin-leptin coadministration stimulates central histaminergic signaling in rats. *Brain Research* 1442 15:24
- Gil, M. **Bhatt, R.** Picotte, K.B. and Hull, E.M (2011): Oxytocin in the medial preoptic area facilitates sexual behavior in the male rat. *Horm and behav.* Apr 59(4): 435-43
- Nagothu, K.K. **Bhatt, R.** Kaushal, G.P and Portilla, D. (2005): Fibrates ameliorate cisplatin-induced proximal tubule cell death. *Kidney Int.* 68(6):2680-93
- Li, S. **Bhatt, R.** Megyesi, J. Gokden N, Shah, V S and Portilla, D. (2004): PPAR alpha ligand ameliorates acute failure by reducing cisplatin-induced increased expression of renal endonuclease G. *Am J Physiol Renal Physiol.* Nov 287(5): F990-F999
- Li, S. Gokden, N. Okusa, M.D. **Bhatt, R.** and Portilla, D. (2005): Anti-inflammatory effect of fibrate protects from cisplatin-induced ARF. *Am J Physiol Renal Physiol.* 289(2): F469-80.
- Drew, P.D. Chavis, J.A. and **Bhatt, R.** (2003): Sex steroid regulation of microglial cell activation: Relevance to multiple Sclerosis. *Annals New York Acad. Sci* 1007:329-334
- **Bhatt, R.** Youngren, O.M. Kang, S. and El, Halawani, M.E. (2003): Dopamine infusion into the third ventricle increases gene expression of hypothalamic vasoactive intestinal peptide and pituitary prolactin and luteinizing hormone β subunit in the turkey. *Gen. Comp. Endocrinology.* 130: (1) 41-47
- **Bhatt, R.** and Chaturvedi, C.M. (1992): Effects of combined serotonin and dopamine precursor application during testicular photosensitivity Vs photorefractoriness of the Red headed bunting (*Emberiza bruniceps*). *J. Interdiscipl. Cycle Res.* 23: 120-127. Swets & Zeitlinger, The Netherlands

Book Chapter:

- Manoj K. Mishra^{*1}, Erdal Erglou², Sapna Jain², Shree R Singh², Udai P. Singh³, **Renu Bhatt**, Shree Ram Singh (Role of TGF β and Regulatory T Cells in Prostate Cancer (2012): In: *Signaling, Gene Regulation and Cancer* Nova Science Publishers, Inc., New York
- **Renu Bhatt**^{1*}, Vinoy Thomas², Derrick Dean³, Elijah Nyairo⁴ and Manoj Mishra^{5*} (2012): Role of PPARs as Chemotherapeutics and Anticancer molecules. In: *Signaling, Gene Regulation and Cancer* Nova Science Publishers, Inc., New York (in press)

Project in Process:

- A study of gold nanoparticles of *Mucuna pruriens* seed extract against arsenic induced toxicity” University Grants Commission
- Green Synthesis of Herbal Gold Nanoparticles using *Oldenlandia diffusa* extract and Modulating its Efficacy for the Treatment of Breast Cancer, Department of Biotechnology, India