

Grants

Extramural Grants

Ongoing:

- ✚ Investigating the role of miR99b and miR-329-3p in modulating the MAPK pathway in cervical cancer (UP-CST).
- ✚ Genetic variations and their influence on isoniazid and rifampicin efficacy in drug sensitive tuberculosis patients (ICMR)

Completed

- ✚ A study on the effects of some natural products on dysfunctional HDL during Diabetic dyslipidemia in rats". Sponsored by the Indian Council of Medical Research, New Delhi (2007-09).
- ✚ Diabetic dyslipidemia and cardiovascular diseases: The possible role of Indian Herbal Medicine. DST, New Delhi.
- ✚ A Study on oxidative stress and anti-oxidative profile in arthritis patients. ICMR, New Delhi.
- ✚ A Study of the Neurotoxicity of Silica Nanoparticles in Different Regions of Rat Brain. UPCST.
- ✚ Association of osteoregulatory gene polymorphism in adjoining areas of Lucknow ICMR-ad hoc, New Delhi.
- ✚ Role of circulating micro-RNAs as a biomarker for Type II Diabetes Mellitus. (Extramural project- Uttar Pradesh Council of Science & Technology).
- ✚ A study of the neurotoxicity of silica nanoparticles in different regions of rat brain" sponsored by Council of Science and Technology, U.P. (2009).
- ✚ To study the anticancer activity of aqueous plant extracts on Breast cancer cell lines and expression of BRCA1, BRCA2, ATM, CHEK2 and TP53 genes (ICMR, 2014).
- ✚ Dissecting the role of CatSper ion channel genes in male fertility (DST, New Delhi).

Intramural Grants

Ongoing

- ✚ Effect of genetic polymorphisms on determinants of metformin- sulfonylurea response in type 2 diabetes mellitus. (PI - Dr. Sushma Verma)
- ✚ Association of genetic polymorphisms of Raf-1/MEK/ERK pathway with Travoprost response in Primary Open Angle Glaucoma. (PI - Dr. Sushma Verma)
- ✚ Genetic Polymorphisms in Ion Channel Genes and Their Association with Inherited Arrhythmia Syndromes Predisposing to Sudden Cardiac Attack. (PI - Dr. Shrikant Verma).

Completed

- ✚ Association of ACE2, TMPRSS-2, IL-1 and IL-6 gene polymorphisms with severity of COVID-19.