

▪ **Research Work:**

Research Projects Ongoing:

- HPV Genotyping and Cytology to detect Cervical Cancer Precursors as primary single round screening test in women of 30-40 years of age.
- To study the role of insulin receptor gene polymorphisms in polycystic ovary syndrome in North Indian Punjabi Population.
- Assessment of serum inflammatory markers in patients of depressive episode in unipolar and bipolar spectrum disorders.

Research Projects Completed:

- To Study of Epigenetic mechanisms of Diabetes mellitus in Punjabi population.
- To study and correlate Vitamin B12 status of infants and their mothers.
- Assessment of serotonin levels in patients of opoid dependents with impulsivity and aggression.

- **Research Grant (2023-24):** Total: Rs. 15,00000/- (Staff Salary: 10,00000/-, Contingency: 5,00000/-)

▪ **Research Publication:**

Grover IS, Bharti R, Kapahi R, Sodhi MK, Kapahi R. Correlations between serum vitamin B12 and folate levels among mother-infant dyads in Punjab state, North-West India. J Paediatr Child Health. 2022 Dec;58(12):2243-2247.