

**AIMS AND OBJECTIVES OF THE STUDY**

- I. Isolation, selection and maintenance of probiotic bacteria from different source.
- II. Characterization and Molecular Screening of selected probiotic isolates.
- III. Induction of Gastro-intestinal Disease and application of Probiotic and Prebiotic on diseased animal model.
- IV. Immuno-modulatory study of the selected Probiotic organisms.