

Research & Development Activities

Vimta Labs - a DSIR recognized R&D facility - is involved in biomarker discovery, clinical diagnostics and assay development for Drug Discovery research.

INFRASTRUCTURE

- ◆ BSL II and III Cell Culture Labs
- ◆ Radioactivity Lab
- ◆ Cell Culture facility for mammalian, bacterial and insect
- ◆ Luminex platform for Multiplex Assays
- ◆ FPLC, LC-MS



BIOTHERAPEUTICS

- ◆ Qualitative & Quantitative ELISA
- ◆ Neutralization assays
- ◆ Monoclonal antibody generation
- ◆ Polyclonal antibody generation
- ◆ Immunogenicity Assessment

IN-VITRO BIOLOGY

- ◆ Cell Based & Cell Free Assays
- ◆ Reagent Generation & Assay Development
- ◆ Cloning, Expression and Purification
- ◆ Multiplex Luminex Assays for Cytokine and Kinase pathway analysis
- ◆ GPCR Binding & Functional Assays
- ◆ Kinase and other Enzyme Assays

COLLABORATIVE RESEARCH



Vimta R&D is partnered with Deakin University, Australia, to offer an Industrial PhD programme to talented Indian students. Students inducted into the programme will be employing systems biology approach to discover novel biomarkers in cancer and investigate applications of nano-technology in drugs and diagnostics.