

**Dr.N.D. KANNAN**  
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**Specialization: Identification of anticancer drugs from medicinal plants through serum pharmacology**

### **Expertise:**

- **Dr.N.D.KANNAN** is expertise in testing anticancer and antidiabetic drugs from herbals, synthetic, etc through serum pharmacological approach. *Invivo and invitro*
- To test the toxicity of metabolites (bacterial, plant and other sources) in animal models.
- Insilico identification of anti-cancer and anti-diabetic drugs.
- The lab is equipped for extraction and purification of biologically active metabolites from plant, microbes, and synthetic

### **Research Activities:**

- The lab has completed two major research projects funded by UGC-MRP, SERB.
- Finding novel compound from medicinal plant.
- *Insilico* prediction of anti-cancer and anti-diabetic drugs.
- *in-vitro* and *in-vivo* analysis of drugs

### **Facilities Available:**

- Animal cell culture facility
- DNA, RNA isolation, PCR based quantification and documentation.
- ELISA reader
- Facility for phytochemistry
- *Invitro* and *invivo* testing

### **Ready to transfer technologies/products:**

- MTT assay for anticancer drug testing
- *Invivo* toxicity assay, insilico analysis,

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