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**Educational Qualification:** M. Pharmacy

**Year of Registration:** June 2017

**Project Supervisors:**

- **Supervisor** - Dr. S. P. Dhanabal
- **Internal Expert** – Dr. Suresh K Mohan Kumar
- **External Expert** - Dr. S. Sriram

**Research Abstract:**

Obesity is a serious public health concern in India and the prevalence of obesity is increasing at an alarming rate. Natural products and its supplements are very effective and more commonly used in the treatment of obesity in our day-to-day life. One of the main mechanisms involved in the treatment of obesity is by inhibiting the pancreatic lipase. Orlistat is the only conventional drug available in the market, which delay the intestinal absorption of dietary fats by inhibiting gastric and pancreatic lipases. However, there are number of adverse effects, including gastric irritation and fatty stools have been reported for Orlistat. Thus, identifying clinical safe alternatives for Orlistat has been considered a significant advancement. My study therefore aims to identify novel pancreatic lipase enzyme inhibitors in the selected plants reported for anti-obesity activity. Successful identification of novel pancreatic lipase specific inhibitors from selected plant sources may offer opportunities for possibilities for translating them into either mono or poly-herbal drugs.

**Awards & Scholarships:**

- I was awarded Dr. K. Chinnaswamy gold medal in my Master of Pharmacy in the year 2015.

**Way Forward:**

I am mainly aiming for the academics, which is my field of interest. Meanwhile another aim is to start an NGO where whatever I have learnt in my research (In the field of Natural Products) will be implied and also be useful for the society.