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Educational Qualification : M. Pharmacy in Pharmaceutical Chemistry

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Research Abstract

Dual or multi targeting of cancer proteins by a single compounds shows an efficient, logical and alternative approach for combination of drugs. Combination of different inhibitors that providence specific single target is the standard treatment for cancer. The new generations of dual or multi-targeting drugs are emerging, where a single chemical compound can act on molecular targets. If we succeed in this idea then it will be apparent therapeutic approach with targets to treat cancer as well as by minimizing the side effect as much as possible. We are in positive hope to deliver more potent anticancer agents with lesser side effects. Indeed, several pharmaceuticals currently marketed many products for anticancer with some side effects and thus modern drug development presents a considerable challenge for the medicinal chemists to synthesize new drug for particular target without side effects. Our main aim for this research is multi – target inhibition in single drug regimen for cancer therapeutics and it can introduce adverse effects related to complex pharmacokinetics, unpredictable drug-drug interaction and formulation problems.

Fellowships : AICTE - NDF

Awards & Scholarships

- Received “**Best Blood Donor**” award from NSS.
- Qualified **GPAT** exam in the year 2014.
- Worked as a project trainee at **CSIR – CLRI**, Chennai for 6 months.
- Published a text book for **Pharmaceutical analysis**.

Way Forward

I want to see myself as a scientist and contribute my knowledge in the development of new drug for cancer which will be benefits our society.