



Dr. Srinivasa Reddy, NCL, Pune

Title: Natural Products Synthesis for Human Well-being: Selected Case Studies from Our Group

Research Interests

Total synthesis of biologically active compounds & Medicinal chemistry

Key words: Natural products; Total synthesis; Drug discovery; Medicinal chemistry; Pheromones

Background/ Experience/ Recognitions

- Ph.D., University of Hyderabad, 2000 (Advisor: Professor Goverdhan Mehta).
- Post-doctoral with Prof. Sergey A. Kozmin (University of Chicago, USA) and Prof. Jeffrey Aubé (University of Kansas, USA)
- Experienced in leading drug discovery programs (7 years of pharma experience)
- Acquired skills in designing novel small molecules and lead optimization
- Experienced in planning and execution of total synthesis of natural products
- A molecule discovered by his team at industry is currently in human clinical trials (Phase-II)
- CDRI Award 2013 for Excellence in Drug Discovery Research (Chemical Sciences)
- CRSI Bronze Medal in chemical science - 2015.
- NASI-Reliance Industries Platinum Jubilee Award for Application Oriented Innovations – 2015
- Shanti Swarup Bhatnagar Prize for the year 2015 in chemical sciences
- Elected fellow of Telangana and Maharashtra Academies of Sciences 2016
- Nominated member of the scientific body of Indian Pharmacopoeia, Govt. of India
- OPPI Scientist Award 2017 for his contributions in pharmaceutical sciences
- Elected fellow of National Academy of Sciences, India (NASI) 2017
- Author of more than 80 publications and an inventor in 35 patents
- Editor of *Bioorganic & Medicinal Chemistry Letters (BMCL)*, an Elsevier journal.