



HYDERABAD

नाईपर हैदराबाद
NIPER HYDERABAD

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान
औषधीय विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार
**National Institute Of Pharmaceutical
Education And Research**
Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt. of India

Signed Justification for sponsoring the nomination by the Nominator

I am honoured to nominate Dr Chandraiah Godugu, a distinguished faculty member at NIPER-Hyderabad, for the Sun Pharma Science Foundation Research Fellowships 2024. Dr Godugu's pioneering work in the field of pulmonary disease therapeutics has not only advanced our understanding of the pathophysiology of acute respiratory distress syndrome (ARDS) and pulmonary fibrosis (PF) but also led to the discovery of novel therapeutic targets and treatments with significant clinical potential.

Dr. Godugu's research has been instrumental in addressing the urgent need for new treatments for pulmonary diseases, particularly in the aftermath of the COVID-19 pandemic. His work on developing preclinical models to study the mechanisms of ARDS and PF is groundbreaking. These models have been crucial in identifying and validating new drug targets, including BRD4, Neuropilin 1, PAD4, and SIRT3, which play critical roles in the inflammatory processes associated with these diseases.

One of the highlights of Dr Godugu's research is his innovative approach to drug repurposing and the exploration of natural products, such as Nimbolide from Neem and Withaferin A from Ashwagandha. His studies have elucidated the mechanisms by which these natural compounds exert their effects, offering new avenues for therapeutic development. Furthermore, his research on novel drug delivery systems, particularly inhalation therapies, has the potential to significantly enhance the efficacy of treatments for pulmonary conditions.

Dr. Godugu's collaborative efforts with medicinal chemistry experts have led to the development of new lead molecules, with promising results in preclinical studies. His work has garnered attention in academic circles and the pharmaceutical industry, where he has contributed to the preclinical evaluation of new chemical entities (NCEs) for pulmonary fibrosis.

Dr. Godugu is a prolific researcher, with over 7470 citations, an H-index of 44, and an i10-index of 133. His work has been published in high-impact journals, reflecting the quality and significance of his contributions to pharmaceutical sciences. As the most cited researcher at NIPER Hyderabad, Dr. Godugu's impact on the field is indisputable.

In addition to his research, Dr. Godugu is involved in several extramural and international collaborative projects, demonstrating his commitment to advancing the field through partnership and innovation. His work aligns with the Sun Pharma Science Foundation's goals and exemplifies the scientific leadership essential for driving progress in Pharmaceutical Sciences.

Given his remarkable achievements and ongoing contributions to the field, I strongly recommend Dr. Chandraiah Godugu for the Sun Pharma Science Foundation Research Fellowships 2024 in Pharmaceutical Sciences.

N Srinivas
30/8/24
Nominator

Prof. Srinivas Nanduri, PhD
Dean, NIPER Hyderabad

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