

Dr. Pavan Kumar Samudrala

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BIOGRAPHY:

- I did Bachelor of Pharmacy from Chalapathi Institute of Pharmaceutical Sciences, Guntur, A.P. (INDIA). After qualifying GATE and NIPER-JEE, I joined NIPER-Guwahati and completed my M.S. Pharm from Department of Pharmacology & Toxicology in 2011. Following next year, I got admitted in Ph.D programme at Department of Pharmacology & Toxicology, NIPER-Guwahati under the guidance of Dr. (Mrs.). Mangala Lahkar, Chief Academic Coordinator, NIPER-Guwahati in the field of Cancer.
- I have 1 year of work experience as Assistant Professor in the Department of Pharmacology of Annamacharya College of Pharmacy, A.P. (INDIA).
- Since November 2015, I am associated with NIPER-Guwahati as Assistant Professor in the department of Pharmacology & Toxicology.

ACHIEVMENTS:

- Qualified GATE 2009 with 96.97 percentile score
- Qualified NIPER-JEE for Masters with all India 199th rank
- Qualified NIPER-JEE for Ph.D. with all India 9th rank
- Qualified GPAT 2011
- Received Doctoral and Post-graduation fellowship while pursuing Ph.D. and M.S. Pharm respectively at NIPER-Guwahati from Department of Pharmaceuticals, Ministry of Chemical and Fertilizers, Government of India.

RESEARCH SUMMARY:

- In NIPER-Guwahati, presently I am working in the area of Cancer research, mainly focussing on the screening of anti-cancer potential of NCE'S and plant products, &

elucidating their possible molecular mechanism of action by using various *in vitro*, *in vivo* xenograft and chemically induced cancer animal models.

- I am also working in the area of Diabetes and its complications, Parkinson's, Ulcer and Nephrotoxicity related studies.

SELECTED PUBLICATIONS:

1. Evaluation of antitumor activity and antioxidant status of *Alternanthera brasiliana* against Ehrlich ascites carcinoma in Swiss albino mice. *Pharmacognosy research* 2015; 7(1): 66-73.
2. *Leucasaspera* inhibits the Dalton's ascitic lymphoma in Swiss albino mice: A preliminary study exploring possible mechanism of action. *Pharmacognosy Magazine* 2014; 10(38):
3. Ulcer protective effect of *Leucasaspera* in various experimental ulcer models. *Asian Pacific Journal of Tropical Disease* 2014; 4(Suppl 1): S395-S402.
4. Morin Hydrate Mitigates Cisplatin-Induced Renal and Hepatic Injury by Impeding Oxidative/Nitrosative Stress and Inflammation in Mice. *J Biochem Molecular Toxicology* 2016.