**Biography**

Dr. Shravan Kumar Paswan completed Ph.D. in Pharmaceutical Sciences (Pharmacology) jointly from Department of Pharmacology CSIR-National Botanical Research Institute and Amity Institute of Pharmacy, Amity University Uttar Pradesh, Lucknow Campus Lucknow, India. He worked at the CSIR-Indian Institute of Integrative Medicine, Jammu with interest of preclinical toxicity and safety pharmacology and he also worked as a Visiting Research Scholar at CSIR-Indian Institute of Toxicology Research, Lucknow, India with focus to the study of mechanism of wound healing with keen interest in molecular biology (*In-vitro* study) on cell lines.He is Graduate member of The American Society of Pharmacology and Experimental Therapeutics, Member of International Society of Ethno pharmacology UK, Life time member of National Society of Ethno pharmacology, Kolkata, India, Member of British society of Nano medicine Glasgow UK, Member of International Society of Cardiovascular therapy, Zurich and Life member of International Society of Heart Research, USA with interest in evolution and application of sophisticated and modern technologies in early diagnosis and treatment of different cardiovascular, skin and pulmonary disease; from lung cancers to pulmonary hypertension, interstitial skin, cardiovascular, lung disease and pulmonary arterial hypertension.

**Research Interest**

Dr. Shravan Kumar Paswan, preclinical expertise in pharmacological screening of drugs/medicinal plant on rodents focused to Mechanism of wound healing, Preclinical Toxicological Evaluation, Reproductive Toxicity (As per OECD, ICH and Scheduled Y guidelines), After his Ph.D. Dr. Shravan preclinical expertise is in instrumental in setting up of cardiovascular disease study, an evolving sub specialty of pulmonary hypertension and pulmonary arterial hypertension research for new drug. He also performed advance screening and surgical procedures on rats and other molecular biology study include DNA/RNA extraction, Western blotting, ELISA, Immunohistochemistry, Mammalian cell culture, and preclinical study include development of different mouse models of asthma, pulmonary hypertension and pulmonary arterial hypertension, Oral/Intratracheal/Intravenous/Intranasal drug administration in mice/rat, canulation/ligation of capillaries like arteries/veins/bile-duct/trachea in rat, He has extended experience in measurement of bloodPressure/Heart rate/ Respiratory rate in rat by *invasive* and *non-invasive* method and their application in research.He has expertise in the study of mechanism of wound healing via *In-vitro* and *In-vivo* study on rats and cell lines to focus with the role of antioxidants, Interleukins and cytokines on wound healing. The outcome of my research studies in mechanism of wound healing, pulmonary hypertension and pulmonary arterial hypertension has been published in reputed journals and presented in multiple national and international conferences.