

BIO-DATA

Name : **Dr. Sanjeev S. Heroor**

Father's Name : **Srinivas Rao Heroor**

Qualification & Designation : **M. Pharm , Ph. D. (Pharmacognosy)**
Asst. Professor

Date of Birth : **01-07-1976**

Name of the Institute : H.K.E.S's Matoshree Taradevi Rampure Institute of Pharmaceutical Sciences, Sedam Road, Kalaburagi (Gulbarga) - 585 105 (Karnataka) India
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Biddapur Colony
Kalaburagi – 585 103 (Karnataka), India

Department : Pharmacognosy and Phytochemistry

Field of Research
(Area of specialization) : Screening of Medicinal Plants & Phytochemistry

Teaching Experience : 20 years
(24-06-2005 to till date)

Additional : Recognized PG guide from RGUHS, Bengaluru

➤ **Research scholar guided for M. Pharm. (Pharmacognosy) thesis ---**

1. Mrs. Pradnya Bapat (2019) with the entitled research work -- “Phytochemical and pharmacological screening of phenolic compounds of bark of *ficus glomerata* roxb. for gastroprotective activity in rats”.
2. Miss. Pooja Bhave (2020) with the entitled research work - “Phytochemical and pharmacological screening of ethanolic exract of leaves of *Bauhinia variegata* Linn. For uterotonic properties in rats”.
3. Mr. Laxmikant Patil (2022) with the entitled research work - “Phytochemical and pharmacological screening of methanolic extract of whole plant of *tridax procumbens* linn. for gastroprotective activity in rats”
4. Mr. Bhagat Suraj (2022) with the entitled research work - “Phytochemical and pharmacological screeningof stem bark of *calotropis gigantia* linn. for antiulcer activity in rats”.
5. Mr. Satyaprakash Kale (2022) with the entitled research work - “Phytochemical and pharmacological evaluation of extract of leaves of *tabernaemontana coronaria* (L.) for immunomodulatory activity in immune suppressed mice”.

➤ **RESEARCH GRANTS**

Research fund of Rs. 1,25,000/- sanctioned by Rajiv Gandhi University of Health Sciences, Bengaluru as RGUHS Advance research fund to carry out the research entitled – “Isolation, characterization of phytosterols of *Pongamia glabra* and *Ficus glomerata* and their preliminary evaluation in the treatment of oral submucous fibrosis in rats.”

Principal investigator - Dr Sanjeev S Heroor (20PHA459)

Date of commencement: 07/08/2021,

Date of completion: 20/09/2023.

Industrial Experience	: 2 years (Worked as " Quality Control Chemist " at Anglo-French Drugs & Industries Ltd., Bengaluru, Karnataka from Sep 2000-March 2002)
PG Thesis Topic	: Phytochemical Investigation and Pharmacological Screening of leaves of <i>Sauvopus androgynus</i> for Immunomodulatory Activity on Human neutrophils

Ph. D. Thesis Topic : Pharmacognostic, Phytochemical and Pharmacological Screening of some medicinal plants for Anti-diabetic and Immunomodulatory Activities

➤ **Academic Qualification**

S. No	Degree	Institution / University	Division	Years of Passing	Specialization
1	B. Pharma	Luqman college of Pharmacy, Gulbarga, Gulbarga Univ., Kalaburagi	1 st Class	1999	-
2	M. Pharma	KLE Society's college of Pharmacy, Belgaum, RGUHS, Bengaluru	Distinction	2005	Pharmacognosy
3	Ph.D	Jawaharlal Nehru Technological University, Hyderabad	-	2016	Pharmacognosy and Phytochemistry

➤ **Industrial Experience** : 2 years (Worked as "**Quality Control Chemist**" at Anglo-French Drugs & Industries Ltd., Bengaluru, Karnataka from Sep 2000-March 2002)

➤ **Teaching Experience – 20 years**

Sl. No.	Designation	Institution / University	Period	
			From	To
01	Lecturer	Luqman college of Pharmacy, Kalaburagi	24-06-2005	30-09-2006
02.	Lecturer	RMES college of Pharmacy, Kalaburagi	03-10-2006	11-08-2008
03.	Lecturer	HKES's college of Pharmacy, Kalaburagi	11-08-2008	30-11-2013
04.	Asst. Professor	H.K.E.S Matoshri Taradevi Rampue Institute of Pharmacy, Kalaburagi	01-12-2013	24-01-2023
05.	Asso. Professor	H.K.E.S Matoshri Taradevi Rampue Institute of Pharmacy, Kalaburagi	25-01-2023	Till date

Membership of Academic Organizations : 1. Indian Pharmacists Association (IPA),
2. Association of Pharmaceutical Teachers of India (APTI).

➤ **List of Scientific publications**

1. Immunomodulatory activity of methonolic extracts of *Ficus glomerata* Roxb. Leaf, Fruit and Bark in Cyclophosphamide induced mice, *Int J Mod Bot* 2011; 1(1): 1- 4.
2. *In vitro* antiproliferative activity of *Annona reticulata* L. on human cancer cell lines. *Pharmacognosy Research*; Jul. – Sep. 2011; Vol. 3; Issue 1: 9-12.
3. Preliminary Investigation for Immunomodulation of Methanolic Extracts of Leaves and Flowers of *Pongamia Glabra* Vent. in Mice Model. Sanjeev Heroor, Arunkumar Beknal, Nitin Mahurkar. *Adv in Life Sci* 2012; 2 (6): 170-173
4. Synergistic activity of bark extracts of *Pongamia glabra* and *Ficus glomerata* in alloxan-induced diabetic rats. Sanjeev Heroor, Arunkumar Beknal, Nitin Mahurkar *World J Pharm and Pharm Sci* 2013; 2 (6): 6640-6652.
5. Ficus bark extract enhances the antihyperglycemic activity of glibenclamide in rats: a herb-drug interaction study. Sanjeev Heroor, Arunkumar Beknal, Nitin Mahurkar *American J Phytomed and Clin Therap* 2014; 2 (3): 395-402.
6. Immunomodulatory activity of methanolic extracts of *Pongamia glabra* Vent. seeds and bark in cyclophosphamide induced mice. Sanjeev Heroor, Arunkumar Beknal, Nitin Mahurkar *RGUHS J Pharm Sci* 2012; 2 (1): 74-77.
7. Immunomodulatory activity of methanolic extracts of fruits and bark of *Ficus glomerata* Roxb. in mice and on human neutrophils. Sanjeev Heroor, Arunkumar Beknal, Nitin Mahurkar *Indian J Pharmacol* 2013; 45 (2): 130-135.
8. Immunomodulatory activity of methanolic extracts of seeds and bark of *Pongamia glabra* vent. on human neutrophils. Sanjeev Heroor, Arunkumar Beknal, Nitin Mahurkar *Indian Drugs* 2013; 50 (03): 46-52.
9. Effect of Pongamia Bark Extract on Antihyperglycemic Effect of Glibenclamide for Possible Herb-Drug Interaction. *IJPER* 2015; 49 (1): 76-81.

10. *In vitro* antiproliferative activity of *Annona reticulata* L. on human cancer cell lines. PHCOG RES 2011;3 (1):9-12.
11. Activity guided separation of phytoconstituents from the flowers of *Ichnocarpus frutescens* L. and evaluation of antioxidant property. RJPBCS 2010; 1(4): 318-321.
12. Evaluation of Antimicrobial activity of *Tephrosia procumbens* Buch – Ham. RJPP 2010; 2 (3): 238-240.
13. Screening of Immunomodulatory activity of extracts of seeds of *Jatropha curcas* Linn. on human neutrophils. RJPP 2010; 2 (1): 70-74.
14. Sterols possess immunomodulatory property: Activity guided isolation and *in vitro* screening of phytoconstituents of *Pongamia glabra* and *Ficusglomerata*. Available online 6 July 2020, Chinese Herbal Medicines 12 (2020) 310-315, Elsevier Publications, <https://doi.org/10.1016/j.chmed.2019.12.007>.
15. Protective Effect of Mucoadhesive Gel of Phytosterol of *Pongamia glabra* Against Arecoline-Induced OSMF Rats. RGUHS J Pharm Sci (RJPP) 2024; 14 (1): 31-38.

➤ **Papers Presented in Seminars / Conference /Symposiums**

1. Scientific paper entitled - Immunomodulatory activity of methanolic extracts of leaves and flowers of *pongamia glabra* vent. in mice – 64th Indian Pharmaceutical Congress – 7-9 Dec 2012; Chennai, India.
2. Scientific paper entitled - Pongamia bark extract enhances the antihyperglycemic effect of glibenclamide in experimental rats: Possible herb-drug interaction (2nd Prize). INNOVATION PROMOTION SCHEME (IPS) - 2013-14 – AICTE sponsored National Symposium - 24th to 26th Nov. 2013 - HKES's MTRIPS, GULBARGA, KARNATAKA.

3. Scientific paper entitled - Synergistic activity of bark extracts Of *Pongamia glabra* And *Ficus glomerata* against alloxan-induced diabetic rats (2nd Prize) – IPS -2013-14, Gulbarga, KARNATAKA.

4. Scientific paper entitled - Effect of *Ficus glomerata* bark extract on antihyperglycemic activity of glibenclamide for possible herb-drug interaction (1st Prize). AICTE sponsored three Day National Conference - 6th -8th Feb. 2014- Kashti, Dist: Pune, Maharashtra.

Date: 24/06/2025

DR SANJEEV S HEROOR