



**Name:** Dr. Tina Saldanha  
**Designation:** Associate Prof.  
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#### PROFESSIONAL EXPERIENCE:

- Associate Prof. (Pharmacology) at AISSMS College of Pharmacy, Pune (2024 to date)
- Asst. Prof. (Pharmacology) at AISSMS College of Pharmacy, Pune (Dec 2011 to 2024)
- Senior Executive at Panacea Biotec Ltd. (R&D Mumbai, Aug 2008-Sept 2011)

#### TOTAL EXPERIENCE IN YEARS:

- Teaching Experience: 14 years
- Industry: 3 years
- B.R.N.S Junior Research Fellow: 3.5 years

#### CONTRIBUTION TO WORKING OF INSTITUTE:

- Research Projects Committee: In Charge
- Research Advisory Committee: Member
- Intellectual Property Rights Cell: Member
- Training and Placement Cell: Member
- Media and outreach: Member

#### AREAS OF INTEREST IN RESEARCH:

- Data analysis and interpretation
- In vivo* and *in vitro* pharmacological studies for New drug delivery systems (NDDS)
- Animal model development
- Investigation of Plant bioactives for therapeutic potential in Obesity, Liver diseases and diseases of the CNS.
- Advanced Wound Healing Therapies

#### PROFESSIONAL AFFILIATIONS:

- Member of Maharashtra State Pharmacy Council, Indian Pharmaceutical Association (IPA)
- Member of the Indian Pharmacological Society (IPS).
- Member of Association of Pharmaceutical Teachers of India (APTI)

#### AWARDS/ACHIEVEMENTS:

- First Prize: Oral presentation at 38th Annual Conference of the Indian Pharmacological Society, 2005, Chennai.
- G.A.T.E. (2001): 95.04 percentile
- Final year B.Pharm: 2nd Rank at MET'S College of Pharmacy, Mumbai

#### PUBLICATIONS:

- Kardile V, Kulkarni A, Nadar B, Saldanha T. Monoclonal Antibodies in Oncology: A Decade of Novel Options. Cell Biochemistry and Biophysics. DOI: <https://doi.org/10.1007/s12013-023-01144-1> Springer Nature
- Shirsat-John P, Saldanha T, Kolhe S, Ziyurrahman A.R. Antiamnesic effect of *Mesua ferrea* (L.)

flowers on scopolamine-induced memory impairment and oxidative stress in rats. **Advances in Traditional medicine, 2022;** <https://doi.org/10.1007/s13596-022-00654> Springer Nature

3. Shirsat P, Ziyaurrahman AR, Kashikar R, Athavale M, Athavale T, Taware P, Saldanha T, Kolhe SU et al. Subacute toxicity study of the ethanolic extract of *Mesua ferrea* (L.) flowers in rats. **Drug and Chemical Toxicology** 2020; 45 (4), 1570-1577
4. Kaspat D, Saldanha T, Narkhede S, Karmarkar B, Shah K. Acute Oral Toxicity of *Sinapis alba* in Swiss albino mice. **Asian Journal of Pharmaceutical and Clinical Research, 2015**; 8(2):182-184.
5. Kaspat D, Ziyaurrahman AR, Saldanha T, More P; Toraskar S; et al. To Study an Aphrodisiac activity of Hydroalcoholic extract of *Withania somnifera* dried roots in Female Wistar rats. **International Journal of Pharmaceutical Sciences and Research, 2015**; 2820-2836.
6. Kaspat D, Ziyaurrahman AR, Saldanha T, Kale P. Preclinical evaluation of polyherbal formulation for female sexual dysfunction. **Int J Pharm Bio Sci, 2015**; 6(1): (P) 639 – 671 (ISSN 0975-6299)
7. D T Wagh, A A Bhandarkar, P A Thakurdesai, N S Vyawahare, Tina Saldanha, "Evaluation of phenolic compounds in diabetic nephropathy: Protocatechuic acid as a therapeutic lead. **Inventi Impact: Ethnopharmacology** , Vol. 2013 , Article ID Inventi:pep/721/12
8. Anand S. Gupta, Sanjay J. Kshirsagar, Mangesh R. Bhalekar, and Tina Saldanha. Design and development of liposomes for colon targeted drug delivery. **Journal of Drug Targeting, 2013**; 21(2): 146–160
9. Sunil Bhalerao, Neeraj Vyawahare, Tina Saldanha, Aakansha Dube, Sujata Taware. Evaluation of effect of methanolic extract of *Stereospermum suaveolens* in the asthmatic animal. **JPR:BioMedRx: An International Journal, 2013**;1(6):599-607 (ISSN: 2321-4988)
10. Gayatri Shirolkar, Kedar Deshpande, Tina Saldanha, " Current and novel approaches in treatment of GERD ", **Inventi Rapid: Molecular Pharmacology** , Vol. 2013 , Article ID- Inventi:pmp/193/12
11. Smita Pillewan, Neeraj Vyawahare, Tina Saldanha, Sujata Taware, Neha Piarchand, " Experimental investigation of anti-rheumatoid activity of Ailanthus excels in adjuvant-induced arthritic rats ", **Inventi Impact: Ethnopharmacology** , Vol. 2013 , Article ID- "Inventi:pep/723/12 " , 2013 [cited 2013 Mar 02 ]
12. Mengi SA and Dsouza T. Review of plants having potential in the management of hyperlipidemia. **Medicinal Plants:Phytochemistry, Pharmacology & Therapeutics 2010**, Chpt.14, Vol. 1, 258-296.
13. Dsouza T, Mengi SA, Hassarajani SA, Chattopadhyay S. Efficacy study of the bioactive fraction (F-3) of *Acorus calamus* in hyperlipidemia. **Indian Journal of Pharmacology 2007**; 39(4):196-200.

#### RESEARCH CONFERENCES / WORKSHOPS ATTENDED AND PAPERS PRESENTED:

- Attended the First Joint Safety Pharmacology Workshop organized by Safety Pharmacology Society and Society of Toxicology of India at Advinus Therapeutics Ltd., April 13-14, 2011, Bangalore.
- Attended the 4th International symposium entitled "Current Trends in Drug Discovery Research" (CTDDR 2010) at the Central Drug Research Institute (CDRI), Feb 17-21, 2010, Lucknow.
- **Poster presentation** entitled "Assessment of the extract and bioactives of *Acorus calamus* in hyperlipidemic Golden Syrian hamsters" at 40<sup>th</sup> Annual Conference of the Indian Pharmacological Society, Nov 1-3, 2007, NIPER, Mohali, Punjab.
- **Oral presentation** entitled "Efficacy study of the bioactive fraction (F-3) of *Acorus Calamus* in hyperlipidemia" at 38<sup>th</sup> Annual Conference of the Indian Pharmacological Society, Dec 28-30, 2005, Chennai. **The presentation was awarded the FIRST PRIZE.**
- Attended the Joint International Conference- Cardiovascular medicine, 31<sup>st</sup> Dec 2004-2<sup>nd</sup> Jan 2005, at Ahmedabad, Gujarat.
- **Poster presentation** "Evaluation of CNS depressant activity of essential oil of *Carum copticum*" at 36<sup>th</sup> Annual Conference of the Indian Pharmacological Society, Dec 5-7, 2003, Delhi.
- **Poster presentation** "Evaluation of CNS depressant activity of 'Ayurcam'; A Herbal formulation" at 36<sup>th</sup> Annual Conference of the Indian Pharmacological Society, Dec 5-7, 2003, Delhi.
- **Poster presentation** entitled "Analgesic, anti-inflammatory and antipyretic activities of Sandhivatahari pills" at 54<sup>th</sup> Indian Pharmaceutical Congress, Dec 13-15, 2002, Pune.

**REVIEWER:** Journal of Ethno pharmacology, Journal of Nutrition, Drug Chemical Toxicology