

## CV/Résumé

**Dr. Jayantrao Shinde**, A-10 Arunodaya Apts, Kalina, Santacruz (E),  
Mumbai- 400098. **Phone** +91 99208 07980. **E-mail:** jay\_shinde@me.com

**Title:** Medical and Scientific Writer, Medical Editor, Medicinal Chemist, and Pharmacist

**LinkedIn:** <https://www.linkedin.com/in/jay-shinde-ph-d-47332a13/>

**Publons:** <https://publons.com/researcher/3741267/jayantrao-shinde/>



### Expertise:

- Ph.D. in Pharmaceutical Sciences (Medicinal Chemistry)
- Medical writer, adept at creating, editing, and reviewing medical literature and regulatory documents
- Peer reviewer and editor for the pharmaceutical and life sciences having handled over 5000 manuscripts
- Thorough knowledge of drugs and several disease conditions, potential complications, their control and management, and the process of drug development and clinical trials
- On the Review and Editorial boards of 11 Elsevier Scientific journals
- Well versed in developing scientific manuscripts, research articles, promotional medical print material, international regulatory submissions (DSURS, PADER protocols, Investigator's Brochures), writing complex clinical documentation (IND, NDA and ANDA), designing reviewer manuals, SOPs for medical devices, and analytical pharmaceutical equipment
- Proficient in online literature searches across scientific databases – ScienceDirect, PubMed, Embase, and using word processor tools including presentation suites and EndNote. Creating and delivering powerful presentations: verbal and power points, with an ability to mute down or notch up the contents, depending on the target audience
- A grammar Nazi and detail-oriented perfectionist. Capable of training/heading/co-working with a team of medical writers, mentoring, advising and guiding them patiently. Ethical, dedicated, practical, and a motivated scientist

### Professional experience:

#### Current:

- Contractual Editor and Reviewer; Cactus Communications ([www.cactusglobal.com](http://www.cactusglobal.com))
- Freelance Medical Editor; Lecturio GmbH (<https://www.lecturio.com>)
- Freelance Scientific and Medical Editor; Cenveo Publishing
- Freelance Clinical and medical writer; Sanofi, Glenmark Pharmaceuticals (Mumbai), Bioquest Global (Bengaluru), IBEF, Academia-Research (USA), Pegasus, Astellas, Rockdale Health, and Science-Fixtion
- Peer reviewer of 11 Elsevier Journals and Publications
- Adjunct; Mahidol University (Thailand). Courses taught: Drugs and Diseases

#### 2009–2012:

- Director; Rockdale Enterprise Pvt. Ltd., Development of Prostaglandins and anti-diabetic compounds (HPAPIs). Head of the Pharmaceutical Analysis Division. Managing the Medical Writing team comprising 16 scientists
- Trustee of Shree Ramanugrah Trust, which caters to the well-being of the underprivileged and financially needy, homeless and unemployed

**2002–2008:**

Doctoral Teaching and Research Fellow, Department of Pharmaceutical Sciences, St. John's University

Roles:

- Development of *in vitro* assays and high throughput screens for evaluating phytochemicals for anti-diabetic activity in the  $\alpha$ -glucosidase,  $\alpha$ -amylase, dipeptidyl peptidase-IV, aldose reductase, and insulin secretagogue pathways
- Studying the effects of active phytochemicals in *in vivo* models (Goto Kakizaki, and Zucker Diabetic Fatty rat models)
- Purification and structure elucidation of isolated and purified compounds using GC-MS, HPLC, IR, UV spectroscopy and NMR

**2001–2002:**

- Junior Research Scientist, Emami Ltd., Mumbai, India  
Formulation, QA, and cost optimization of o/w creams and emulsions

**May 2001:**

- Intern: Formulation assistant, T.M. Thakore Pharmaceutical Laboratories, Mumbai, India.  
Rotation on various aspects of solid dosage forms (nimesulide tablets and granules).

**College teaching experience:****2002–2008:**

- Doctoral Teaching Fellowship (Department of Pharmaceutical Sciences, St John's University).  
Courses taught (Undergraduate): Medicinal Chemistry Laboratory; Anatomy and Physiology Laboratory; Biochemistry Laboratory; Pharmacology Laboratory; Pharmacotoxicology.
- Teaching Assistant (Department of Pharmaceutical Sciences, St. John's University). Courses taught/assisted (Graduate): Laboratory Analysis of Biomacromolecules; Laboratory use of Radiotracers; Experimental methods in Pharmacology.

**Publications:**

1. Zito, S. W., **Shinde, J.**, Chen, I-C. S., Taldone, T. and Barletta, M. Oral hypoglycemics: A review of chemicals used to treat type 2 diabetes. *Current Bioactive Compounds*. 4(2), 68-85 (2008).
2. **Shinde, J.**, Taldone, T., Barletta, M., Kunaparaju, N., Hu, B., Kumar, S., Placido, J. and Zito, S. W.  $\alpha$ -Glucosidase inhibitory activity of *Syzygium cumini* (Linn.) Skeels seed kernel in vitro and in Goto-Kakizaki (GK) rats. *Carbohydrate Research*. 343(7), 1278-1281 (2008).
3. <http://brandindiapharma.in/pharmaceutical-blogs>

**Presentations:**

1. Zito, S.W., Kunaparaju, N., Taldone, T. and **Shinde, J.** Inhibition of ocular aldose reductase by extracts of Ayurvedic herbs. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May 6-10, 2007.
2. Kunaparaju, N., Taldone, T., **Shinde, J.** and S.W.Zito. Screening of Ayurvedic herbs for inhibition of Aldose reductase activity. St. John's University, Women in Science, Annual Research Presentation. April 2007.
3. **Shinde, J.** and Zito. S.W. Inhibition of intestinal  $\alpha$ -glucosidase and  $\alpha$ -amylase by extracts of *Terminalia bellerica* Roxb. in the treatment of type 2 diabetes. St. John's University, Women in Science, Annual Research Presentation. April 2007.

4. Kunaparaju, N., Hu, B., Taldone, T., **Shinde, J.**, Placido, J., Chen, I-C.S., Barletta, M., Zito, S.W. Effects of Ayurvedic herbal extracts on glucose tolerance in Zucker rats. St. John's University, Women in Science, Annual Research Presentation. April 2006.
5. **Shinde, J.** and Zito, S.W. Inhibition of intestinal  $\alpha$ -glucosidase by extracts of *Terminalia chebula* Retz. in the treatment of Type-II Diabetes. St. John's University, Women in Science, Annual Research Presentation. April 2006.

**Academic honors:**

**2002–2008**

Doctoral Teaching and Research Fellowship (Dept. of Pharmaceutical Sciences, St. John's Univ.)

**Professional associations:**

- The Rho Chi Society
- American Chemical Society
- American Medical Writer's Association (AMWA)
- On the **Review panel** of the following Elsevier journals:  
(Carbohydrate Polymers, Tetrahedron, Journal of Diabetes and its Complications, European Journal of Pharmaceutical Sciences, Phytomedicine, Indian Journal of Pharmaceutical Sciences, Food Chemistry, Life Sciences)
- On the **Editorial Panel** of JSM Clinical Pharmaceutics

**Professional references available upon request**

**Extracurricular achievements:**

- Hindustani Classical Violinist under the tutelage of Padmabhushan Dr. N. Rajam
- Currently authoring a biographical sketch on the life of Dr. N. Rajam
- Cordon bleu home chef