

Current Position

Associate Professor

Total Teaching and Research Experience

16 years

Specialization

Pharmaceutical Chemistry

Technical Expertise

Design and Synthesis of biologically active compounds.

Intellectual Expertise

1. Microwave assisted solvent free synthesis.
2. Interpretation of spectral data for characterization of the synthesized compounds.

Funded Research Project

Computer aided virtual screening, synthesis and evaluation of benzimidazole derivatives as psychopharmacological agents. **(Supported by UGC, New Delhi, India)**

Patent

1. Dhvanit I. Shah, Navneet Kaur, Yogita Bansal, **Gulshan Bansal** and Manjeet Singh. A Substituted Benzimidazole Compounds of Formula (1) and preparation thereof. *Indian Patent No.* 269611.

Book

Rajeev Sharma, Yogita Bansal. Drug Abuse: Problem, Management and Prevention. RD Publication, India, 2017, ISBN: 978-93-84594-56-5.

Book Chapter

1. Richa Minhas, Sunaina, Gulshan Bansal and Yogita Bansal. Human Topoisomerase I and Its Inhibitors: Recent Developments. In: *Topoisomerase Inhibitors: Classification, Mechanisms of Action and Adverse Effects*. R. Kumar and S. Singh (Eds), Nova Science Publishers, Inc., New York, pp 1-48. (ISBN: 978-1-53611-915-2).
2. Gulshan Bansal, Jasmeen Kaur, Yogita Bansal. Shelf life assessment and clinical trials of herbal drugs: Pre-requisites, challenges and perspectives. In: *Potentials and Bottlenecks in Clinical Trials of Herbal Drugs*. Eds P. Bansal and S. Eswara Reddy, Gulab Publishers, India, 2015, pp 97-119 (ISBN: 978-81-920643-9-0)

Publications - 29

Office Address:

Department of Pharmaceutical Sciences and Drug Research,
Punjabi University,
Patiala – 147002 (India)
Phone: +91-175-3046255 (O)
+91-9855166101 (M)
Fax: +91-175-2283073
E-mail: yogitabansalp@rediffmail.com