

*List of  
Publications  
And  
Presentations*

### **Publications from Ph.D. Thesis**

1. **Meenakshi Singh**, Sudhir K. Singh, Mayank Gangwar, Gopal Nath, Sushil K. Singh. Design, synthesis and mode of action of novel 2-(4-aminophenyl)benzothiazole derivatives bearing semicarbazone and thiosemicarbazone moiety as potent antimicrobial agents. **Med Chem Res** **2016**; 25(2), 263-282.
2. **Meenakshi Singh**, Sudhir K. Singh, Bhushan Thakur, Pritha Ray, Sushil K. Singh. Design and Synthesis of Novel Schiff base-benzothiazole hybrids as potential Epidermal Growth Factor Receptor (EGFR) Inhibitors. **Anticancer Agents Med Chem** **2015**; DOI:10.2174/187152061566615100716011.
3. **Meenakshi Singh**, Sudhir K. Singh, Mayank Gangwar, Satheeshkumar Sellamuthu, Gopal Nath, Sushil K. Singh Design, Synthesis and Mode of action of some new 2-(4'-aminophenyl)benzothiazole derivatives as potent antimicrobial agents. **Lett Drug Des Discov** **2015**; DOI:10.2174/1570180812666150821003220.
4. **Meenakshi Singh**, Arusha Modi, Gopeshwar Narayan, Sushil Kumar Singh. Benzothiazole derivatives bearing amide moiety: Potential cytotoxic and apoptosis inducing agents against cervical cancer. **Anticancer drugs** **2015**; DOI: 10.1097/CAD.0000000000000357.
5. **Meenakshi Singh**, Sudhir K. Singh, Mayank Gangwar, Gopal Nath, Sushil K. Singh. Design, synthesis and mode of action of some benzothiazole derivatives bearing an amide moiety as antibacterial agents. **RSC advances** **2014**; 4:19013-23.
6. **Meenakshi Singh** and Sushil K. Singh. Benzothiazoles: How Relevant in Cancer Drug Design Strategy? **Anticancer Agents Med Chem** **2014**; 14(1):127-46.
7. **Meenakshi Singh**, Mayank Gangwar, Gopal Nath, Sushil K. Singh. Synthesis, DNA Cleavage and Antimicrobial activity of 4-Thiazolidinones-Benzothiazole Conjugates. **Indian J Exp Bio** **2014**; 52(11):1062-70.

### **Manuscript communicated**

1. **Meenakshi Singh**, Sudhir K. Singh, Mayank Gangwar, Gopal Nath, Sushil K. Singh. Benzothiazole Schiff base hybrids: Antimicrobial activity and its mode of action. **Cellular and Molecular Biology** **2015**.
2. **Meenakshi Singh** and Sushil K. Singh. 2D QSAR and Molecular Docking study of Benzothiazole derivatives as Gram positive and negative antibacterial agents. **Med Chem** **2016**.

**Publications other than Ph.D. Thesis**

1. **Meenakshi Singh**, Sushil K. Singh, Mahesh T. Chhabria, Kamala Vasu, Dhaivat Pandya. CoMFA and CoMSIA 3D QSAR Models for a Series of Some Condensed Thieno[2,3-d]pyrimidin-4(3H)-ones with Antihistaminic (H<sub>1</sub>) Activity, **Med Chem**, **2013**; 9(3), 389-401.
2. **Meenakshi Singh**, Sushil K. Singh, Mahesh T. Chhabria. A novel QSAR model for evaluating and predicting the inhibition activity of H<sub>1</sub>-receptor antagonists: a series of thienopyrimidine derivatives. **J Drug Delivery & Therapeutics** **2012**; 2(1), 1-10.
3. Mahesh T. Chhabria, Mitesh Jani, Kailash Parmar, **Meenakshi Singh**. QSAR study of a series of 2,3-dihydroimidazo[1,2-c]pyrimidines as Anti bacterial agents by genetic function approximation **Med Chem Research** **2011**; DOI 10.1007/s00044-010-9546-4.

**Abstracts Presented/Published in conferences from PhD Thesis**

1. **Singh M.**, Thakur B., Ray P. and Singh S.K. Design and Synthesis of Novel Schiff base-benzothiazole hybrids: potential Epidermal Growth Factor Receptor (EGFR) Inhibitors. **International Conference on Translational Biotechnology (BIOSANGAM-2016)**, Motilal Nehru National Institute of Technology, Allahabad, India, 04-06 February 2016. **(Oral presentation)**
2. **Singh M.**, Gangwar M., Nath G. and Singh S.K. Design, synthesis and mode of action of some new amide derivatives of 2-(4'-aminophenyl)benzothiazole as potent antimicrobial agents. **ISCB International Conference on Current Trends in Drug Discovery and Developments, (CTDDD-2015)**, Indian society of chemists and biologists and CDRI, Lucknow, India, 25-28 February 2015.
3. Singh S.K, **Singh M.** and Nath G. Design, Synthesis and mode of action of some 2-(4'-aminophenyl)benzothiazole derivatives as potent antimicrobial agents. **III<sup>rd</sup> international conference on Antimicrobial Research (ICAR-2014)**, Madrid, Spain, 01-03 October 2014.
4. Singh S.K, **Singh M.** and Nath G. A QSAR study and molecular design of a series of 2-(4'-aminophenyl) benzothiazole as potent antimicrobial and anticancer agents. **3<sup>rd</sup> International conference and exhibition on Fragment and ligand based drug design (DRUG DESIGN-2014)**, St. Hilda's college, Oxford, UK, 23-25 September 2014.
5. **Singh M.**, Singh S.K. and Kumar A., Synthesis, Molecular Docking and Anticancer Activity Evaluation of 4-Thiazolidinones Containing Benzothiazole Moiety. **5<sup>th</sup> International symposium–Drug Development for Orphan/Neglected Diseases (CTDDR-2013)**, CSIR-CDRI, Lucknow, India, 26-28 February 2013.
6. **Singh M.**, Vishwakarma A. and Singh S.K. Synthesis, characterization, in vitro anticancer activity, and docking of novel substituted 4-thiazolidinone benzothiazoles. **International Conference on Health, Environment and Industrial Biotechnology (BIOSANGAM-2013)**, Motilal Nehru National Institute of Technology, Allahabad, India, 21-23 November 2013.
7. **Singh M.** and Singh S.K., Synthesis, DNA Cleavage and Antimicrobial activity of 4-Thiazolidinones-Benzothiazole Conjugates. **International Conference on Advances in Biotechnology and Bioinformatics (ICABB-2013)**, Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune, India, 25-27 November, 2013.