

**List of Publications from Thesis Work**

- **Satheeshkumar Sellamuthu**, Meenakshi Singh, Ashok Kumar, and Sushil Kumar Singh. Type-II NADH Dehydrogenase (NDH-2): A promising therapeutic target for antitubercular and antibacterial drug discovery. *Expert Opinion on Therapeutic Targets*, 2017, 21(6), 559-570.
- **Satheeshkumar Sellamuthu**, Mohammad Faizan Bhat, Ashok Kumar, and Sushil Kumar Singh. Phenothiazine: A better Scaffold against Tuberculosis. *Mini-Reviews in Medicinal Chemistry*, 2017, DOI: 10.2174/1389557517666170220152651.
- **Satheeshkumar Sellamuthu**, Amer H. Asseri, Hojjat Ghasemi Goojani, Gopal Nath, and Sushil Kumar Singh. Preliminary studies on ligand-based design and evaluation of new mycobacterial ATP synthase inhibitors. *Current Drug Therapy*, 2017, 12, DOI: 10.2174/1574885512666170911144732.
- **Satheeshkumar Sellamuthu**, Mohammad Faizan Bhat, Ashok Kumar, Gopal Nath and Sushil Kumar Singh. Design, Synthesis, and Biological Evaluation of Carbazole Derivatives as Antitubercular and Antibacterial Agents. *Current Bioactive Compounds*, 2018, 14, DOI: 10.2174/1573407214666180226125501.
- **Satheeshkumar Sellamuthu**, Gopichand Gutti, Devendra Kumar, and Sushil Kumar Singh. Carbazole: A Potent Scaffold for Antitubercular Drugs. *Mini-Reviews in Organic Chemistry*, 2018, 15, DOI: 10.2174/1570193X15666180220141342.

**Other than thesis work**

- Meenakshi Singh, Sudhir Kumar Singh, Mayank Gangwar, **Satheeshkumar Sellamuthu**, Gopal Nath, and Sushil Kumar Singh. Design, Synthesis and Mode of Action of Some New 2-(4'-aminophenyl) benzothiazole Derivatives as Potent Antimicrobial Agents. *Letters in Drug Design & Discovery*, 2016, 13(5): 429-437.
- Meenakshi Singh, **Satheeshkumar Sellamuthu**, Sudhir Kumar Singh, Mayank Gangwar, Gopal Nath, and Sushil Kumar Singh. Antimicrobial potency and Molecular Mechanism of Benzathiazole Schiff Base Hybrids. *Saudi Journal of Medicinal and Pharmaceutical Sciences*, 2018, DOI:10.21276/sjmpps.2017.3.12.17.

## Conference presentations

- Pharmacophore search of the ZINC database and molecular docking: In quest for anti-tubercular lead molecules. *21<sup>st</sup> ISCB International Conference on Current Trends in Drug Discovery and Developments*, CDRI, Lucknow, February 25-28, 2015.
- Targeting NADH dehydrogenase-An alternative target to address bedaquiline resistance. *2<sup>nd</sup> International Conference on Regulatory Network Architecture in Bacteria*, SASTRA University, Thanjavur, India December 16-18, 2016.