**LIST OF PUBLICATIONS**

1. A K Shakya, R.R. Naik, I M. Almasri, A Kaur. Role and function of Adenosine and its receptors in inflammation, neuroinflammation, IBS, Autoimmune inflammatory disorders, Rheumatoid arthritis and psoriasis. *Current Pharmaceutical Design*, 2019, 25, 1-17.
2. A Kaur, D. P. Pathak, V Sharma, B Narasimhan, P Sharma, R Mathur, S Wakode. Synthesis, biological evaluation and docking study of N-(2-(3,4,5- trimethoxybenzyl) benzoxazole-5-yl) benzamide derivatives as selective COX-2 inhibitor and anti-inflammatory agents, *Bioorganic Chemistry*, 2018, 81, 191-202.
3. A Kaur, S Wakode, D. P. Pathak, V Sharma, A. K. Shakya. Synthesis, Cyclooxygenase-2 Inhibition, Anti-inflammatory Evaluation and Docking Study of Substituted-N-(3,4,5-trimethoxyphenyl)-benzo[d] oxazole derivatives, *Medicinal Chemistry*, 2018, 14, 660-673.
4. A Kaur, D P. Pathak, V Sharma, S Wakode Synthesis, molecular docking, and pharmacological evaluation of N-(2-(3,5-dimethoxyphenyl) benzoxazole-5-yl) benzamide derivatives as selective COX-2 inhibitors and anti-inflammatory agents, *Arch. Pharm. Chem. Life,*2018, 351, 1-14.
5. A Kaur, S Wakode, D. P. Pathak, V Sharma. Synthesis, biological evaluation and docking study of a new series of di-substituted benzoxazole derivatives as selective COX-2 inhibitors and anti-inflammatory agents, *Bioorganic and Medicinal Chemistry*, 2018, 26, 791-988.
6. H. Aminn, S Wakode, RK Tonk,A Kaur. Synthesis, Characterization and Antioxidant Activity of Morpholine Mannich Base Derivatives, *International Journal of Current Pharmaceutical Review and Research*, 2017, 8 (5), 354-360.
7. A Kaur, S Wakode, DP Pathak, P Sharma. Synthesis and Biological Evaluation of Some New 5-Acylamino-2-(3,4,5- trimethoxy phenyl) benzoxazoles as Potential Antibacterial and Anti-inflammatory Agents, *Indian Journal of Heterocyclic Chemistry*, 2017, 27, 347-354.
8. H Kumar, S Wakode, A Kaur. Synthesis, characterization and biological evaluation of 3-acetylindole derivatives as anti-microbial and antioxidant agents. *The Pharma Innovation Journal*, 2017, 6(5): 65-69.
9. S Gulati, S Wakode, A Kaur, K Anand. Synthesis, biological activity and recent advancement of benzothiazoles: a classical review. *World Journal of Pharmacy and Pharmaceutical Sciences,* 6(6), 1842-1869.
10. N Aggarwal, A Kaur, K Anand, H Kumar, S R Wakode. Biologically active Benzoxazole: A comprehensive review. *International Journal of Pharmaceutical Science and Research*, 2017, 2, 1-5.
11. P Manocha, SR Wakode, A Kaur, K Anand, H Kumar. Imidazole synthesis and its biological activities: A review *International Journal of Pharmaceutical Science and Research*, 2016, 1, 12-16.
12. AK Shakya, A Kaur, BO Al-Najjar, RR Naik*.* Molecular modeling, synthesis, characterization and pharmacological evaluation of benzo[d]oxazole derivatives as non-steroidal anti-inflammatory agents. *Saudi Pharmaceutical Journal*, 2016, 24 (5), 616-624.
13. A Kaur, S Wakode, DP Pathak, Benzoxazole: The molecule of diverse pharmacological importance: *International Journal of Pharmacy and Pharmaceutical Sciences*, 2014,7, 1-4.
14. D A Joshi, PK Barpete, AK Akhtar, A Kaur, S Kumar. Anthelmintic activity of root bark of Balanites aegyptiaca (L.) Del, *Ethnobotanical Leaflets*, 2009, 13, 564-567.

**Poster presentation**

1. Kaur A, Pathak DP, Wakode SR. Synthesis, biological evaluation and docking study of N-(2-(3,4,5-trimethoxybenzyl)benzoxazole-5-yl) benzamide derivatives as selective COX-2 inhibitor and anti-inflammatory agents at 70th IPC, 21-23rd December, 2018, Amity University, Noida.
2. Kaur A, Pathak DP, Sharma V, Wakode SR. Synthesis, biological evaluation and docking study of a new series of di-substituted benzoxazole derivatives as COX-2 inhibitors and anti-inflammatory agents at Cardiovascular research convergence, 12th August, 2017 organized by THSTI, Faridabad.
3. Kaur A, Pathak DP, Wakode SR. Synthesis, *in vitro, in vivo and in silico* bio evaluation of some substituted benzoxazole as COX-2 inhibitors at International conference on drug design, 7-9th April, 2017, JNU, New Delhi.
4. Kaur A, Pathak DP, Sharma V, Wakode SR. Synthesis, biological evaluation and docking study of N-(2-(3,5-dimethoxyphenyl)benzoxazole-5-yl)benzamide derivatives as COX-2 inhibitors and anti-inflammatory agents at National conference on Pharmacists: Caring for you, 25th September, 2016 organized by Goel Institute of Pharmacy and Sciences, Lucknow.