

PUBLICATIONS

1. Rangra, S., Chakraborty, R., Hasija, Y., & Aggarwal, K. K. (2023). A cystatin C similar protein from *Musa acuminata* that inhibits cathepsin B involved in rheumatoid arthritis using in silico approach and in vitro cathepsin B inhibition by protein extract. *Journal of Biomolecular Structure and Dynamics*, 41(20), 10985-10998.
2. Jindal, S., & Aggarwal, K.K. (2023) Assessment of Phenanthrene-Degrading Potential of *Klebsiella pneumoniae* SJK1 Isolated from an Oil-Contaminated Site. *Microbiology*, 92(4) 572-586.
3. Sawetaji, & Aggarwal, K. K. (2023). A non-competitive serpin-like thrombin inhibitor isolated from *moringa oleifera* exhibit a high affinity for thrombin. *The Protein Journal*, 42(4), 305-315
4. Sawetaji, Jindal, S., Kant, R., Saluja, D., & Aggarwal, K. K. (2023). Identification of thrombin inhibiting antithrombin-III like protein from *Punica granatum* using in silico approach and in vitro validation of thrombin inhibition activity in crude protein. *Natural Product Research*, 37(24), 4131-4143.
5. Sawetaji & Aggarwal, K. K. (2022). Plant products as an alternative phytotherapeutics to regulate thrombosis—A review. *Indian Journal of Natural Products and Resources (IJNPR)*, 13(4), 460-467.
6. Sehrawat J., Sawetaji., Aggarwal K.K (2020). A protease inhibitor from *Momordica Charantia* differentially inhibits trypsin, elastase and cathepsin G (serine proteases) having regulatory role in inflammation. *International Journal of Phytopharmacology*, 11(2), 57-63.

BOOK CHAPTER

1. Jindal, S., Chaudhary, Y., and Aggarwal, K.K. (2023) Toxicity of polyaromatic hydrocarbons and their biodegradation in the environment In: Garg VK Yadav A Mohan C Yadav S Kumari N (ed) *Green chemistry approaches to environmental sustainability* 1st edn Elsevier United Kingdom pp 43-66.