

PUBLICATIONS

A. Publications in peer-reviewed international journals from thesis work

- [1] **Choudhary, S.A.**, Bora, N., Banerjee, D., Arora, L., Das, A.S., Yadav, R., Klotz, K.N., Pal, D., Jha, A.N., Dasgupta, S. A novel small molecule A2A adenosine receptor agonist, indirubin-3' monoxime, alleviates lipid-induced inflammation and insulin resistance in 3T3-L1 adipocytes. *Biochemical Journal*, 476: 2371–2391, 2019.
- [2] **Choudhary, S.A.**, Patra, D., Roy, S., Sinha, A., Pant, R., Chouhan, R., Jha, A.N., Prusty, B., Manna, D., Das, S.K., Tikoo, K., Pal, D., Dasgupta, S. Vanillin acts as a potent IRAK4 inhibitor that impairs LPS-induced TLR4 signaling and inflammation. (Communicated).

B. Other publications in peer-reviewed international journals

- [1] Deka, K., Guleria, A., Kumar, D., Biswas, J., Lodha, S., Kaushik, S. D., **Choudhary, S.A.**, Dasgupta, S., & Deb, P. Janus nanoparticles for contrast enhancement of T₁-T₂ dual mode magnetic resonance imaging. *Dalton Transactions*, 48(3): 1075-1083, 2019

C. International and National conferences

- [1] **Choudhary, S.A.**, Patra, D., Roy, S., Kabeer, S.W., Chouhan, R., Das, S.K., Jha, A.N., Tikoo, K., Pal, D., Dasgupta, S. Vanillin acts as a potent IRAK4 inhibitor that impairs LPS-induced TLR4 signaling and inflammation (2022) at “**15th Annual Convention of ABAP & International Conference on Biotechnology for Environment and Health (ICBEH)**”, *organized by School of Bio Sciences and Technology, Vellore Institute of Technology along with Association of Biotechnology and Pharmacy, from November 25th – 27th, 2021* (Oral Presentation).
- [2] **Choudhary, S.A.**, Patra, D., Roy, S., Kabeer, S.W., Chouhan, R., Das, S.K., Jha, A.N., Tikoo, K., Pal, D., Dasgupta, S. Vanillin acts as a potent IRAK4 inhibitor that impairs LPS-induced TLR4 signaling and inflammation (2022) at **National Conference on “Recent discoveries in medicinal and aromatic plants research and its sustainable development in North East India (REDIMAP-2021)”**, *sponsored by National Medicinal Plants Board (Ministry of AYUSH), Government of India, from 20th-21st January, 2022* (Oral Presentation)