

Dr B S Lakshmi

1. VM Vidhya, BS Lakshmi, K Ponnuraj., In silico prediction of a new lead compound targeting enolase of trypanosomatids through structure-based virtual screening and molecular dynamic studies. *Journal of Molecular Modeling* 26 (2), 23, 2020.
2. B SarathKumar, B S Lakshmi., In silico investigations on the binding efficacy and allosteric mechanism of six different natural product compounds towards PTP1B inhibition through docking and molecular dynamics simulations. *Journal of molecular modeling* 25 (9), 272. 2019.
3. K Shilpa, B S Lakshmi., Influence of exogenous cinnamic acid on the production of chlorogenic acid in *Cichorium intybus* L cell culture. *South African Journal of Botany* 125, 527-532. 2019.
4. Y Geetharani, B S Lakshmi., Structural insight into the antagonistic action of diarylheptanoid on human estrogen receptor Alpha., *Journal of Biomolecular Structure and Dynamics* 37 (5), 1189-1203. 2019 .
5. Padmanaban Muthukumaran, Gopal Thiagarajan, Rajendran Arun Babu , Baddireddi Subhadra Lakshmi., Raffinose from *Costus speciosus* attenuates lipid synthesis through modulation of PPARs/SREBP1c and improves insulin sensitivity through PI3K/AKT., *Chemico-Biological Interactions*, Volume 284, 25 March 2018, Pages 80-89 (Impact Factor : 3.2)
6. Geetha Rani Yuvaraj and Baddireddi Subhadra Lakshmi., Structural insight into the antagonistic action of diarylheptanoid on human estrogen receptor Alpha., *Journal of Biomolecular Structure and Dynamics*, <https://doi.org/10.1080/07391102.2018.1453378> (Impact Factor : 3.1)
7. S Sudhagar, S Sathya, R Anuradha, G Gokulapriya, Y Geetharani, B S Lakshmi., Inhibition of epidermal growth factor receptor by ferulic acid and 4-vinylguaiacol in human breast cancer cells, *Biotechnology letters*, 1-6, 2017. doi: 10.1007/s10529-017-2475-2. (Impact Factor: 1.730)
8. Koteppa Pari, S Sudhagar, B S Lakshmi., Presence of biogenic and intrinsically derived organic solvents in Ginger rhizome oil: A specific reference to supercritical fluid extract of ginger, *Journal of Medicinal Plants Studies* 5 (3), 182-184, 2017.
9. S Sudhagar, S Sathya, G Gokulapriya, B S Lakshmi., AKT-p53 axis protect cancer cells from autophagic cell death during nutrition deprivation, *Biochemical and Biophysical Research Communications* 471 (4), 396-401, 2016. (Impact Factor: 2.297)
10. G Thiagarajan, P Muthukumaran, B Sarath Kumar, VS Muthusamy, B S Lakshmi., Selective Inhibition of PTP1B by Vitalboside A from *Syzygium cumini* Enhances Insulin Sensitivity and Attenuates Lipid Accumulation Via Partial Agonism to PPAR?: In Vitro and In Silico Investigation, *Chemical Biology and Drug Design*, DOI: 10.1111/cbdd.12757, 2016. (Impact Factor: 2.485)
11. N Poornima Devi, K N Sangeetha, B S Lakshmi., Role of STAT3 phosphorylation in ethanol mediated proliferation of breast cancer cells, *Journal Breast Cancer*, 19(2), 2016. (Impact Factor: 1.576)