

List of publications:

1. Preethi, V., Rajeswari, M., **Kalaiselvi S.**, Santhi, N. 2018. *Identification of differentially expressed genes in omental adipose tissues of obesity and type 2 diabetes: A meta analysis of microarray datasets*. Int. Journal of Pharma Bio Sci. 9(4), 135-144.
2. Parameshwari, M and **Kalaiselvi S.** 2017. *Influence of auxin on biomass production and withanolide accumulation in adventitious root culture of Indian rennet: Withania coagulans*, Asian journal of Pharmaceutical and Clinical research.
3. Parameshwari, M., Estri, L., Joni, K., Valizadeh, M and **Kalaiselvi, S.** 2017. *A study on the influence of plant growth regulators on shoot multiplication and evaluation of major withanolides in Withania somnifera*. Pharmacy and pharmaceutical sciences, 6(8), 842-853.
4. PM Purushotham, JM Kim, EK Jo, **Kalaiselvi, S.**, 2016, *Withanolides against TLR4- Activated Innate Inflammatory Signalling Pathways: A Comparative Computational and Experimental Study*, Phytotherapy Research 31 (1), 152-163
5. Balusamy, S.R.D., Rahimi, S., Cho YG, **Kalaiselvi, S.**, and Yang, D.C 2016. *Overexpression of geraniol 10-hydroxylase from Panax ginseng conferred enhanced resistance to Pseudomonas syringae in Arabidopsis*, Plant Growth Regulator 81:2, 305–316
6. Deepalakshmi, P.D., Odgerel, K., Pankajavalli, T., Yungeree, O., Khorolrgchaa, A. and **Kalaiselvi, S.** 2016, *Metabolite Profiling of In Vitro Cultured and FieldGrown Rhizomes of Acorus calamus from Mongolia Using GC–MS, Chromatographia*, 79 (19-20), 1359-1371
7. Pankajavalli, T. and **Kalaiselvi, S.**, 2016. *In vitro and omics technologies opens a new avenue for deciphering withanolide metabolism in Withania somnifera*, International Journal of Pharmacy and Pharmaceutical Sciences, 8(7): 1-10.
8. Thirugnanasambantham P, **Kalaiselvi, S.**, T.J.Oh, and H.K. Choi. 2015, “*Comparative Chemometric Profile Between Leaf Tissues of Withania Somnifera Cultured In vitro and Field*”, International Journal of Pharmacy and Pharmaceutical Sciences, 7, 66 – 71.
9. Ponmozhi.T. and **Kalaiselvi, S.** 2011. Morphological, histo-anatomical and biochemical studies in Alpinia spp.

Biochemistry An Indian journal, 5(2), 109-114.

10. Vairavasundaram,P.R. and **Kalaiselvi,S.** 2010. Antidermatophytic activity of *Caesalpenia pulcherrima*. Biochemistry An Indian journal 4(2), 122-125.
11. Geetha, A., Wasnik,N.G. and **Kalaiselvi, S.** 2010. HPLC analysis of different parts of *Withania somnifera*. Natural Products An Indian journal 6(3), 125-127.
12. Santhi, N., **Kalaiselvi, S** and Parvatham, R. 2009. Catechol-O-methyl transferase (COMT) inhibitor activity of withanolide from *Withani somnifera* (L.) as reveled by molecular docking. J. Adv. Biotec. 9 (06), 2009, 25-27.
13. Nithya,K., Santhi,N. and **Kalaiselvi, S.**2009. Molecular docking of withanolides against the transcription factor Nuclear Factor- kappa B (NF-kB) using Glide. J. Adv. Biotec. IX(5), 23-27.
14. Krishna, P.R., Chari, M.A., Kim, M.K., **Kalaiselvi,S.** and Yang, D,C. 2007. Isolation of a novel sulfite oxidase gene from *Codonopsis lanceolata* and analysis of the response related to abiotic stresses. Biotechnology : An Indian Journal1(3), 105- 111.
15. Krishna, P.R., Chari, M.A., Kim, M.K., **Kalaiselvi,S.** and Yang, D,C. 2007. Induction of adventitious roots and extraction of codonoposide from *Codonopsis lanceolata*. Natural products An Indian Journal 3(3), 129-131.
16. Senthil, N., **Kalaiselvi, S.**, Manickam, A. And Palanisamy, S. 1994. Seed proteins in diverse cyosteriles of sorghum. J. Maharastra Agric. Univ, 20(1), 65-67