

## List of Publications

- 1 Deepa murugesan, Renuka Devi Ponnuswamy and Dhanalakshmi Karur Gopalan. Molecular docking study of active phytochemicals from the methanolic leaf extract of *Vitex Negundo* against cyclooxygenase-2. 2014. A Journal of Bangladesh pharmacological society. Vol.9: 146-153. (impact: 0.356).
- 2 Deepa Murugesan and Renuka Devi Ponnuswamy. Potential anti-inflammatory medicinal plants- A review. International 2014. Journal of Pharmacy and Pharmaceutical sciences. Vol.6, no. 4, issue 4.pp. 43-49. (impact: 1.56).
- 3 Murugesan Deepa, Ponnuswamy Renuka Devi and Gopalan Dhanalakshmi Karur. In vivo evaluation of ethanol leaf extract of *Vitex Negundo* Linn.2014. Research Journal of Biotechnology. Vol.9(6). impact: 0.456.
- 4 S. Senthilrani and P. Renuka Devi. 2014. Biological Activities and Chemical Composition of *Cassia auriculat*. Asian Journal of Biochemistry, 9: 195-202
- 5 Hemananthan Eswaran, Renuka Devi Ponnuswamy and Vignesh Kumar Suresh Kumar. Formulation and Optimization of Ferrous phosphate nanoparticle drug loaded PLGA microspheres using response surface methodology. 2014. J. Pharm. Pharm.Sci.vol 17(6).
- 6 M.Deepa, P Renuka Devi and Md. Afroz Alam. *In silico* antimicrobial activity of phytochemicals from the leaf extract of *Vitex negundo* Linn. against glucosamine 6 phosphate synthase. World journal of Pharmacy and Pharmaceutical Science.Vol.5, Issue 1, 1144-56, 2015. (SJIF IF.5.210). impact: 6.041.
- 7 Vignesh Kumar, Suresh Kumar, Renuka Devi Ponnuswamy, Harish Saru and Hemananthan Eswaran. "Synthesis and characterisation of PEG modified chitosan nanocapsules loaded with thymoquinone." IET nanobiotechnology 11, no. 1 (2016): 104-112. (Impact factor – 1.5)
- 8 Dharmalingam Raja, Marappan Sarvana Kumar, Ponnuswamy Renuka Devi, Sankaran Loganathan, Kamalasekharan Ramy, Nallathambi Kannan and Vaidyanathan Subramanian. (2017). Identification of molecular markers associated with genic male sterility in tetraploid cotton (*Gossypium hirsutum* L.) through bulk segregant analysis using a cotton SNP 63K array. Czech Journal of Genetics and Plant Breeding. 10.17221/25. (Impact factor : 0.631)
- 9 Vignesh kumar S, Renuka Devi P and Hemananthan E. (2018). In vitro studies to analyze the stability and bioavailability of thymoquinone encapsulated in the developed nanocarrier. Journal of dispersion science and technology.
- 10 Dharmalingam Raja, Marappan Sarvana Kumar, Ponnuswamy Renuka Devi, Sankaran Loganathan, Kamalasekharan Ramy, Nallathambi Kannan and Vaidyanathan Subramanian. (2017). Identification of molecular markers associated with genic male sterility in tetraploid cotton (*Gossypium hirsutum* L.) through bulk segregant analysis using a cotton SNP 63K array. Czech Journal of Genetics and Plant Breeding. 10.17221/25. (Impact factor: 0.631)

- 11 Duraikumar Palanisamy & Saravanakumar Marappan & Renuka Devi Ponnuswamy & Prabhu Sellappan Mahalingam & Rajaguru Bohar & Subramanian Vaidyanathan. Accelerating hybrid rice breeding through the adoption of doubled haploid technology for R-line development. Springer Publication "Biologia". June 2019 (Impact factor: 0.63)
- 12 Susaimanickam Anto, Rathinasamy karpagam, Ponnuswamy Renuka devi, Kalimuthu Jawaharraj and Perumal Varalakshmi. (2019). "Biomass enhancement and bioconversion of brown marine microalgal lipid using heterogeneous catalysts mediated transesterification from biowaste derived biochar and bionanoparticle". Journal of fuel. 255, 115789. (Impact factor : 5.22)
- 13 K.A.Manoj Kumar, E.Hemananthan, P.Renuka Devi, S.Vignesh Kumar and R.Hariharan. Aug 2019. Biogenic synthesis, characterization and biological activity of lanthanum nanoparticles. Materials today.
- 14 S.Malini, S.Vignesh Kumar, R.Hariharan, A.Pon Bharathi, P.Renuka Devi, and E.Hemananthan. Aug 2019. Antibacterial, photocatalytic and biosorption activity of chitosan nanocapsules embedded with Prosopis juliflora leaf extract synthesized silver nanoparticles. Materials today.
- 15 Venil CK, Dufosse L, Renuka Devi P, 2020. Bacterial pigments: sustainable compounds with market potential for pharma and food industry. Frontiers in Sustainable Food Systems (In Press)
- 16 Venil CK, Velmurugan P, Dufosse L, Renuka Devi P, Ravi AV, 2020. Fungal pigments: Potential coloring compounds for wide ranging applications in textile dyeing. Journal of Fungi 6(2): 68.