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**PAPER PUBLICATIONS 2020-2021**

1. **Gayathri L**, Akbarsha M, Ruckmani K (2020), *In vitro* study on aspects of molecular mechanisms underlying invasive aspergillosis caused by gliotoxin and fumagillin, alone and in combination, Scientific Reports, 10, Article No:14473.
2. Suriyakalaa U, Ramachandran R, Doulothunnisa JA, **Aseervatham SB**, Sankarganesh D, Kamalakkannan S, Kadalmani B, Angayarkanni J, Akbarsha MA, Achiraman S (2020), Upregulation of Cyp19a1 and PPAR- $\gamma$  in ovarian steroidogenic pathway by *Ficus religiosa*: A potential cure for polycystic ovary syndrome, Journal of Ethnopharmacology, 267, Article No:113540.
3. Jeyakani M, **Rajalakshmi M** (2021), Antioxidant Activity, Total Phenolic Content of Essential Oils and Extract Determined from Natural Leaves, *In-Vitro* Leaves and Callus Sources of *Melaleuca Alternifolia* - A Comparative Study, Asian Journal of Pharmaceutical and Clinical Research, 14, 141-143.
4. Indu Sabapathy, **Manikkam Rajalakshmi** (2021), *In vitro* and *In silico* Approaches On The Antibacterial Activity of *Tinospora cordifolia* Methanolic Stem Extract, Asian Journal of Pharmaceutical and Clinical Research, 13(10), 126-131.
5. Vijayalakshmi P, Indu Sabapathy, **Manikkam Rajalakshmi** (2021), Identification of Potential Inhibitor Against Exfoliative Toxin A Associated with *Staphylococcus aureus* infection- A Molecular Docking Approach, International Journal of Pharmaceutical Science and Research, 19, 1515-1520.
6. Anita Roy A, Angel Mary, Indu Sabapathy, **Manikkam Rajalakshmi** (2020), *In-vitro* and *In-silico* Studies on Evaluating Eremanthin as Potential Therapeutic Drug Against Breast Cancer, Asian Journal of Pharmaceutical and Clinical Research, 13, 132-137.
7. **Manikkam Rajalakshmi**, Jayaraman Selvaraj (2020), Molecular docking analysis of alkaloid compounds with beta-catenin towards the treatment of colon cancer, Bioinformation, 16 (3), 283-287.
8. **Manikkam Rajalakshmi**, and Rajagopal Ponnulakshmi (2020), Molecular docking analysis of Bcl-2 with phyto-compounds, Bioinformation, 16 (6), 468-473.
9. **Manikkam Rajalakshmi**, and Rajagopal Ponnulakshmi (2020), Molecular docking data of piperine with Bax, Caspase3, Cox 2 and Caspase 9, Bioinformation, 16(6), 458-461.
10. **Manikkam Rajalakshmi**, Sugumaran Suveena, Periyasamy Vijayalakshmi, Sabapathy Indu, Anita Roy, Antony Ludas (2020), DaiCee: A database for anti- cancer compounds with targets and side effect profiles, Bioinformation, 16(11), 843-848.