

Dr. S. BALAVIVEKANANTHAN



Research ID : JCM-3287-2023 (Clarivate)

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Educational qualification:

Ph.D in Botany, January 2022, St. Joseph's College (Autonomous), Bharathidasan University, Tiruchirappalli, Degree awarded in with Commended

M.Phil Botany, 2017, St. Joseph's College (Autonomous), Trichy, Bharathidasan University, 77%

M.Sc., Botany, 2016, Jamal Mohamed college (Autonomous), Bharathidasan University, Tiruchirappalli, 72%

B.Sc., Botany, 2013, Jamal Mohamed college (Autonomous), Bharathidasan University), Tiruchirappalli, 62%

Teaching areas :

1. Plant Physiology
2. Plant Biochemistry
3. Microbiology

Research interests:

1. Ethnopharmacology
2. Plant Tissue Culture
3. Pharmacognostical studies

Experience

1. Rev.Jacob Memorial Christian College, Ambilikkai, Department of Biochemistry, Assistant Professor, October 2022 to till date

Total number of publications:

13

1. T Francis Xavier, R Sabitha, **S Balavivekanathan**, (2022). *In vitro* pharmacological investigations of *Oxystelma esculentum* R.Br. and in silico molecular docking analysis of its leaf

- constituents on diabetic related target. *South African Journal of Botany* 149 pp. 320-338, Elsevier (Impact – 3.1).
2. K. Usha, T. Francis Xavier, R. Sabitha and **S. Balavivekananthan** (2022). Studies on In vitro antibacterial efficacy of *Curculigo orchioides* Gaertn. *International Journal of Botany Studies*. 7(1):131-134. Indexed in ISI Master Journal List.
 3. Francis X.T., Sabitha R., **Balavivekanandhan S.** and Sathishkumar D, (2021). “In Vitro Sensitivity Pattern of Bacterial Pathogen on the Medicinal Plant *Oxystelma esculentum* R. Br., on Selected Human Pathogenic Bacteria.” *Annals of pharma research* 9(9): 551-557.
 4. Kumar, S.D., Xavier, F.T., **Balavivekananthan, S.** and Sabitha, R. “Antimicrobial Screening of *Andrographis Echioides* (L.) Nees against Human Pathogenic Bacteria and Fungi.” *Annals of pharma research* 9, 6(2021). Pp 504-519
 5. R Sabitha, T Francis Xavier, **S Balavivekananthan**, A Freeda Rose (2021). Evaluation of antibacterial activity of leaf and stem extracts of *Oxystelma esculentum* R. Br., against selected pathogenic bacteria. *International Journal of Botany Studies*, 6(5):1527-1530. Indexed in ISI Master Journal List.
 6. R Sabitha, T Francis Xavier, **S Balavivekananthan**, A Freeda Rose (2021). An influence of coco peat and vermicompost on successful Ex vitro rooting of micro-propagated plantlets of *Oxystelma esculentum* R. Br. *International Journal of Botany Studies*, Volume 6(5) 1520-1526. Indexed in ISI Master Journal List.
 7. **S. Balavivekananthan**, T. Francis Xavier, S.R. Senthilkumar, and R. Sabitha (2021) Antibacterial activity of *Solanum elaeagnifolium* Cav. stem and leaf extracts against human pathogenic bacteria by disc diffusion method. *Research Journal of Pharmacy and Technology* 14 [3]. Indexed in Scopus.
 8. **S. Balavivekananthan**, T. Francis Xavier, S.R. Senthilkumar, and R. Sabitha (2020) Direct Organogenesis from nodal explants of *Solanum elaeagnifolium* Cav. *Bulletin of Environment, Pharmacology and Life Sciences Volume* 9 [7] 2020. Indexed in ISI Master Journal List.
 9. **S. Balavivekananthan**, T. Francis Xavier, S.R. Senthilkumar, and R. Sabitha (2020). Antifungal Activity of *Solanum elaeagnifolium* Cav. Stem and Leaf Extract Against Human Pathogenic Fungi By Disc Diffusion Method. *Studies in Indian Place Names* 40(70): 2331 – 2336. UGC Care List
 10. **S. Balavivekananthan**, R. Sabitha, A. Hariharasudhan and Dr. T. Francis Xavier, 2019. Antibacterial Efficacy of *Vitex leucoxylo* Linn. Against Human Pathogenic bacteria. *International Journal of Research and Analytical Reviews* 6(2): 527 - 530.