CURRICULAM VITAE

1.	Name	:	Dr.S.Balavivekananthan
2.	Designation	:	Assistant Professor, Department of Botany
3.	Qualification	:	M.Sc., M.Phil., PhD
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8.	Teaching Experience	:	4 Years

Publications

Research papers	:	15
Citations / h – index / i 10 - index	:	24 / 03 / 01
Book (s) Published	:	Nil
Book Chapter	:	1
Book Editor	:	1

Experience

S.no	Designation	Institution	Period
1	Assistant Professor in Botany, Department of Biochemistry	Rev. Jacob Memorial Christian College, Dindigul	Sept 2022 – Feb 2025
2	Assistant Professor, Department of Botany	J.J College of Arts and Science, Pudukkottai	Jun 2025 - Present

Publications Details :

- D. Sathish Kumar, Dr. T. Francis Xavier, S. Balavivekananthan, and R, Sabitha (2018).Evaluation of the Antibacterial screening of Andrographis echioides(L.) Nees against selected human pathogenic bacteria. International Journal of Innovative Research in Technology,4(11):1804 - 1809.
- Dhanasekaran G, Sathish Kumar D, Balavivekananthan S and Sabitha R (2018). Antibacterial Activity of Pedalium Murex (Linn) Root. Leaf Extract on Selected Pathogenic Bacteria. Journal of Emerging Technologies and Innovative Research 5(12): 99 - 107.
- Arokiadass Arunbastin, Thangaraj Francis Xavier, Senthil Kumar Balavivekananthan, Rajendren Sabitha (2019). Antibacterial activity of Blepahris madraspatensis Using various solvents. International Journal of Research and Analytical Reviews,6(2): 457 - 459.
- S. Balavivekananthan, R. Sabitha, A. Hariharasudhan and Dr. T. Francis Xavier, 2019. aAntibacterial Efficacy of Vitex leucoxylon Linn. Against Human Pathogenic bacteria. International Journal of Research and Analytical Reviews 6(2): 527 - 530.
- 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
- 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.

- S. Balavivekananthan, T. Francis Xavier, S.R. Senthilkumar, and R. Sabitha (2021) Antibacterial activity of Solanumela eagnifolium Cav. stem and leaf extracts against human pathogenic bacteria by disc diffusion method. Research Journal of Pharmacy and Technology 14 [3]. Indexed in Scopus.
- R Sabitha, T Francis Xavier, S Balavivekananthan, A Freeda Rose (2021). An influence of coco peat and vermin compost 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.
- 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 pathogenicbacteria. International Journal of Botany Studies,6(5):1527-1530. Indexed in ISI Master Journal List.
- 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.
- 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.
- 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.
- T Francis Xavier, R Sabitha, S Balavivekananthan, (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 Factor – 3.1).
- Francis Xavier T.,Sabitha R., Freeda Rose A. K., Balavivekananthan S., Kariyat R., Ayyanar M., Vijayakumar S., Prabhu S., Amalraj S., Shine K.,Thiruvengadam M.,(2024). Phytochemical composition, anti-microbial, anti-oxidant and anti-diabetic effects of Solanum elaeagnifolium Cav. leaves: in vitro and in silico assessments. Journal of

Biomolecular Structure and Dynamics, 1–27. https://doi.org/10.1080/07391102.2023.2300124 (Impact Factor - 4.4).

- S. Balavivekananthan, T. Francis Xavier, R. Sabitha, D. Sathish Kumar, D. Vijayraja and K. Surendirakumar. (2025). Phytosynthesis of silver nanoparticles using Solanum elaeagnifolium Cav. and its antibacterial activity. JZU Natural Science. 56(12): 254–262.
- D. Sathish Kumar, S. Balavivekananthan, P. Nithiya, J. Gowri, G. Subashini and P. Anitha. (2025). Plant Diversity and Traditional Knowledge: An Ethnobotanical Documentation from Thanthai Hans Roever College (A), Perambalur, Tamil Nadu. *International Journal of Innovative Research in Technology* (IJIRT). 12(8): 298–313.