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### RESEARCH AREAS:

- Anticancer drug production from Microbes

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### PUBLICATIONS:

1. **V. Gangadevi**, S. Kumudha and J. Muthumary, 2001. The effect of Copper and Zinc on the biomass of two species of *Pestalotiopsis* with a note on the uptake of the metals by the fungi. *Journal of Indian Botanical Society*, Vol. 80: 201-204S.
2. V. Bhuvaneshwari, G. Kathiravan, **V. Gangadevi** and J. Muthumary, 2006. Extraction and estimation of Indo, E-3-Acetic acid (IAA) from some endophytic and pathogenic coelomycetes. *Asian J. of Microbiol. Biotech. Env. Sc.* Vol. 8(2): 243-248.
3. **V. Gangadevi** and J. Muthumary, 2006. Endophytic fungal colonization of medicinal plants and their potential for taxol production in artificial culture media. *Kavaka* Vol.34: 71-98.
4. **V. Gangadevi** and J. Muthumary, 2007. Preliminary studies on cytotoxic effect of fungal taxol on cancer cell lines. *African Journal of Biotechnology*. Vol.6: 1382-1386.
5. **V. Gangadevi** and J. Muthumary, 2007. Taxol, an anticancer drug produced by an endophytic fungus *Bartalinia robillardoides* Tassi, isolated from a medicinal plant, *Aegle marmelos* Correa ex Roxb. *World Journal of Microbiology and Biotechnology*. Published online. DOI 10.100/s11274-007-9530-4.
6. **V. Gangadevi** and J. Muthumary. 2007. Endophytic fungal diversity from young, mature and senescent leaves of *Ocimum basilicum* L. with special reference to Taxol production. *Indian Journal of Science and Technology*. Vol. 1(1): 1-15.
7. M. Murugan, **V. Gangadevi** and J. Muthumary. 2007. Light and transmission electron microscopic studies on conidiomata developmental morphology in *Pestalotiopsis rhododendri*. *Indian Journal of Science and Technology* . Vol. 1(2): 1-6.

8. **V. Gangadevi** and J. Muthumary, 2008. A simple and rapid high performance thin layer chromatographic determination of Taxol from fungal endophytes of medicinal plants. *Chinese Journal of Chromatography*. Vol. 26(1): 50-55.
9. **V. Gangadevi** and J. Muthumary, 2008. Isolation of a novel endophytic Taxol-producing fungus from the leaves of a medicinal plant, *Justicia gendarussa* Burm.f. *Mycologica balcanica*. Vol. 5: 1-4.
10. **V. Gangadevi** and J. Muthumary, 2008. Taxol production by *Pestalotiopsis terminaliae*, an endophytic fungus of *Terminalia arjuna*. *Biotechnology and Applied Biochemistry*. doi:10.1042/BA20070243.
11. **V. Gangadevi**, M. Murugan and J. Muthumary, 2008. Taxol determination from *Pestalotiopsis pauciseta*, a fungal endophyte of a medicinal plant. *Chinese Journal of Biotechnology*. Vol. 24(8): 1433-1438.
12. S. Kamalraj, S. Sridevi, V. Gangadevi, A. Venkatesan and J. Muthumary. 2008. Effect of NaCl on biochemical changes and endophytic fungal assemblages in the leaves of a mangrove, *Ceriops roxburghiana* Arn. *Indian Journal of Science and Technology*. Vol.1(4): 1-7.
13. **V. Gangadevi**, S. Sethumeenal, S. Yogeswari, and G. Rani. 2008. Screening endophytic fungi isolated from a medicinal plant, *Acalypha indica* L. for antibacterial activity. *Indian Journal of Science and Technology*. Vol.1(5): 1-6.
14. **V. Gangadevi**, S. Yogeswari, S. Kamalraj, G. Rani and J. Muthumary. 2008. The antibacterial activity of *Acalypha indica* L. *Indian Journal of Science and Technology*. Vol.1(6): 1-4.
15. **V. Gangadevi**, and J. Muthumary, 2009. A Novel Endophytic Taxol-Producing Fungus *Chaetomella raphigera* Isolated From a Medicinal Plant, *Terminalia arjuna*. *Appl Biochem Biotechnol*. DOI: 10.1007/s12010-009-8532-0.