

Paper Presented and Published

PUBLICATIONS:

- Transient expression of chitinase gene in *Bacillus subtilis*: An endophyte of *Hevea Brasiliensis*. Mohamed Sathik, M.B, Shaji Philip, **Mrudula P. Musthapha**, Rani Mary Jose, Kochutherasiamma Joseph, Kuruvilla Jacob and James Jacob. In *Journal of Plantation Crops* December 2008.36(3).239-242.
- Tapping Panel Dryness in *Hevea brasiliensis*: Investigations on the gene transcripts from latex by Suppression Subtractive Hybridization. Mohamed Sathik, M.B., Rani Mary Jose, Deena T. Kochunni, **Mrudula.P. Musthapha**, Molly Thomas, and James Jacob. In *Journal of Plantation Crops* August 2009.37(2). 166-170.

CONFERENCE PAPERS:

- Engineering transient expression of chitinase gene in *Bacillus subtilis*, an endosymbiont in *Hevea*: An approach to control *Corynespora* leaf fall in *Hevea brasiliensis*” -Mohamed Sathik, M.B., Shaji Philip, **Mrudula P. Musthapha**, Rani Mary Jose, Kochutherasiamma Joseph, Roshni Suzan, Kuruvilla Jacob and James Jacob. In *Proceedings of International Conference in New Horizons in Biotechnology (NHBT-2007)*.
- Identification Of Transcripts Specific To Bark Regions Predisposed To Tapping Panel Dryness Syndrome In Natural Rubber. Mohamed Sathik, M.B. Rani Mary Jose, **Mrudula.P. Musthapha**, Molly Thomas, and James Jacob. In *Proceedings of International Rubber Conference IRRDB, Malaysia, 2008*.
- Transcriptome analysis of TPD Syndrome in *Hevea brasiliensis* by Subtractive Hybridization. Mohamed Sathik, M.B. Rani Mary Jose, **Mrudula.P. Musthapha**, Molly Thomas, and James Jacob. In *Proceedings of Golden Jubilee Conference of The Indian Society for Plant Physiologists Nov-2008*.
- Bacterial Endosymbionts (*Bacillus Subtilis*): A Novel Agent For Foreign Gene Expression In *Hevea Brasiliensis*. **Mrudula. P. Musthapha**, Shaji Philip and Mohamed Sathik, M.B. In *Proceedings of Kerala Science Congress- 2009*.

- Synthesis of silvernanoparticles using *Hevea* leaf and latex. Jayasree Gopalakrishnan, Saumya, K. G, **Mrudula .P. Musthapha** and R. Krishnankumar. In ***Proceedings of IRRDB International Rubber Conference at Chiang Mai, Thailand, 15-16 December 2011.***
- Construction of a recombinant vector for constitutive expression of *hevea* chitinase in *bacillus subtilis*, an endosymbiont of *Hevea brasiliensis*. **Mrudula. P. Musthapha**, M.B. Mohamed Sathik, Shaji Philip. In ***Proceedings of Kerala Science Congress- 2012.***

PAPER PRESENTED:

- International Conference in New Horizons in Biotechnology (NHBT-2007), jointly organized by Biotech Research Society of India (BRSI) and NIIST, Trivandrum, Nov 26-29, 2007.
- National Symposium on Plantation Crops (PLACROSYM- XVIII) - Dec11-14, 2008 organized by Indian Society of Plantation Crops.
- Kerala Science Congress- 2009 organized by Kerala State Council of Science Technology and Environment, DST Govt of India, DBT at Kollam on Jan 28- 31,2009 (**contest paper for Young Scientist Award**).
- Kerala Science Congress- 2012 organized by Kerala State Council of Science Technology and Environment, DST Govt of India, DBT at Kottayam on Jan 29- 31, 2012 (**contest paper for Young Scientist Award**).

