

VINSTROM ANNUAL REPORT - 2014

Lectures delivered by T. S. Suryanarayanan:

- Talk on “**Endophytes may not produce their plant host metabolites**”. 40th annual Meeting at Mycological Society of India, Annamalai University, 27-28th February, 2014.
- Invited to organise a symposium on Diversity and Ecology of endophytes at the International Mycological Congress meeting in Bangkok (IMC10) along with Prof. Kari Saikkonin of Sweden.
- Delivered a lecture on ‘**Some unaddressed issues of the horizontally transmitted endophytes**’ at the International Mycological Congress meeting in Bangkok (IMC10), August 2014.

Papers published:

Venkatachalam A, Thirunavukkarasu N and Suryanarayanan TS, 2015. Distribution and diversity of endophytes in seagrasses. *Fungal Ecology* **13**: 60-65.

Kaushik NK, Murali TS, Sahal D, and Suryanarayanan TS, 2014. A search for antiplasmodial metabolites among fungal endophytes of terrestrial and marine plants of southern India. *Acta Parasitologica* **59**: 745-757.

Govinda Rajulu MB, Lai LB, Murali TS, Gopalan V, Suryanarayanan TS, 2014. Several fungi from fire-prone forests of southern India can utilize furaldehydes. *Mycological Progress* **13**: 1049-1056.

Nagarajan, A., Thirunavukkarasu, N., Suryanarayanan, T.S. and Gummadi, S.N. 2014. Screening and isolation of novel glutaminase free L-asparaginase from fungal endophytes. *Research Journal of Microbiology*, **9**:163-176.

Suryanarayanan, T.S. and Gopalan V. 2014. Crowdsourcing to create national repositories of microbial genetic resources: fungi as a model. *Current Science*, **9**: 1196-1200.

Suryanarayanan, T.S. and Johnson, J.A. 2014. Fungal Endosymbionts of Macroalgae: Need for Enquiries into Diversity and Technological Potential. *Oceanography*, **2**: 119. doi:10.4172/2332-2632.1000119

Posters presented:

- Rajamani, T., Govinda Rajulu, M.B., Thirunavukkarasu, N. and Suryanarayanan, T.S., 2014. Studies on endophytic fungi of some medicinal plants. 40th annual Meeting at Mycological Society of India, Annamalai University, 27-28th February, 2014.

- Venkatachalam, A., Govinda Rajulu, M.B., Thirunavukkarasu, N. and Suryanarayanan, T.S., 2014. A study on Fungal endophytes of some plants of Arunachal Pradesh. 40th annual Meeting at Mycological Society of India, Annamalai University, 27-28th February, 2014.

Completed projects

| Title | Funded by | Amount |
|--|--|------------------------|
| The potential of fungal endophytes as biocontrol organisms | Department of Biotechnology (Feb'2011-Feb'2014) | Rs. 36.59 lakhs |