

## **CURRICULUM VITAE**



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### **PERSONAL INFORMATION**

Date of birth: June 1, 1979  
Nationality: Indian

### **EDUCATIONAL QUALIFICATION**

<b><u>Degree</u></b>	<b><u>Subject</u></b>	<b><u>University</u></b>	<b><u>Year</u></b>	<b><u>Grade</u></b>
Ph.D.	Botany	University of Madras	2008	(Thesis Submitted)
M.Phil	Botany	University of Madras	2004	First
B.Ed.	Biology	University of Madras	2003	Second
M.Sc.	Botany	University of Madras	2002	Second
B.Sc.	Botany	University of Madras	2000	First

Title of Ph.D. thesis: **A study of ecology and biotechnological potential of endophytic fungi of an evergreen forest**

Title of M.Phil Dissertation: **Fungal communities of foliose and fruticose lichens**

## **TEACHING EXPERIENCE**

2008 January – till date: Department of Plant Biology & Plant Biotechnology, Ramakrishna Mission Vivekananda College, Chennai 600 004.

## **RESEARCH EXPERIENCE**

- One year experience as Senior Research Fellow (2007-2008) in the Department of Biotechnology, Government of India-funded Indo-German collaborative research project “Enzymes of pharmaceutical importance from tropical microfungi”
- Two years (2005-2007) experience as Junior Research Fellow in the Department of Biotechnology, Government of India- funded Indo-German collaborative research project “Screening of tropical endophytes for novel secondary metabolites”
- One year (2003-2004) experience in M.Phil degree programme
- Expertise in isolation and identification of fungal endophytes

## **PUBLICATIONS**

1. Suryanarayanan, T.S., Thirumalai, E., Prakash, C. P., Govinda Rajulu, M. B., **Thirunavukkarasu, N.** (2008) Fungi from two forests of southern India: a comparative study of endophytes, phellyphytes and leaf litter fungi. *Canadian Journal of Microbiology* (in press).
2. Suryanarayanan, T.S., **Thirunavukkarasu, N.**, Hariharan, G.N. and Balaji, P. (2005) Occurrence of non-obligate microfungi inside lichen thalli. *Sydowia* 57: 119-129.

## **PAPERS ABSTRACTED IN PROCEEDINGS OF SYMPOSIA/SEMINARS**

1. **Thirunavukkarasu, N.**, Govinda Rajalu, M.B., Sasse, F., Jansen, R. and Suryanarayanan, T.S. (2007). Bioactive compounds from endophytic fungi isolated from trees of Western Ghats. 2<sup>nd</sup> Asian congress of Mycology and Plant Pathology, Hyderabad, India.
2. Govindarajulu, M.B., **Thirunavukkarasu, N.**, Florenz Sasse, Rolf Jansen and Suryanarayanan, T.S. (2006). Chaetoglobosins with anti-actin activity from an endophytic *Chaetomium* sp. National conference on Recent Trends in Mycological Research, Pudukottai, India.

3. **Thirunavukkarasu, N.** and Suryanarayanan, T.S. (2006). A study of teak leaf litter fungi. National Seminar on Fungal Biodiversity, Biotechnology and Bioinformatics, Bangalore, India.

#### CITATIONS

Suryanarayanan, T.S., **Thirunavukkarasu, N.**, Hariharan, G.N. and Balaji, P. (2005) Occurrence of non-obligate microfungi inside lichen thalli. *Sydowia* **57**: 119-129.

Arnold, A.E. (2007) Understanding the diversity of foliar endophytic fungi: progress, challenges and frontiers. *Fungal Biology Reviews* **21**: 51-66.

Li, W.C., Zhou, J., Guo, S.Y. and Guo, L.D. (2007) Endophytic fungi associated with lichens in Baihua mountain of Beijing, China, *Fungal Diversity* **25**: 69-80.

Paranagama, P.A., Wijeratne, E.M.K., Bruns, A.M., Marron, M.T., Gunatilaka, M.K., Arnold, A.E. and Gunatilaka, A.A.L. (2007) Heptaketides from *Corynespora* sp. inhabiting the cavern beard lichen, *Usnea cavernosa*: first report of metabolites of an endolichenic fungus. *Journal of Natural Products* **70**: 1700-1705.