



**ASM Molecular Ecology of Biodegradation Short Course**  
**Institute of Microbial Technology (CSIR), Chandigarh, India**



6–17 December 2004

The American Society for Microbiology, the Institute of Microbial Technology, Chandigarh, and the Soil and Water Science Department, University of Florida, USA, will conduct a laboratory-based workshop on classical and molecular approaches to characterize and monitor biodegradative strains in the environment. This workshop is intended for faculty/students currently working in an area of biodegradation of environmental pollutants, but with limited practical experience in molecular approaches to analysis of biodegradative strains.

Topics to be covered include:

- Isolation and Characterization of Biodegradative Bacteria
- DNA Extraction, PCR and Molecular Cloning of Biodegradative Genes
- DNA Fingerprinting: T-RFLP/DGGE/ARDRA
- DNA Phylogenetic Analysis

Registration fee will be Rs 7500 for participants from universities/research institutions and Rs 15,000 for participants from industries, which includes boarding and lodging for the participants. Space is limited to 15 students who will be selected on the basis of potential impact.

To apply, send a current curriculum vitae and letter of interest (including how the information learned in the workshop will enhance your research projects and training, and/or your relationship with research projects that will be enhanced by your participation), and names and addresses of three referees to Dr. Andrew Ogram via email (biodegradation@ifas.ufl.edu) or fax (+001-352-392-3902) by **15 September 2004**. Participants will be notified of acceptance by **15 October 2004**.

For more information, visit the course website at:  
<http://molecol.ifas.ufl.edu/Workshop.htm> or email: [biodegradation@ifas.ufl.edu](mailto:biodegradation@ifas.ufl.edu)



**Centre for Advanced Studies in Botany**  
**University of Madras, Guindy Campus, Chennai 600 025**

**WORKSHOP ON FUNGAL BIOTECHNOLOGY**

**CERTIFICATE: Under UICIC mode**

**Batch I** : 23–29 August 2004; **Batch II** : 20–26 October 2004

**Lecture** : 9.00 am–10.00 am    **Lab** : 10.00 am to 6.00 pm

**Content of the program:** Isolation & Identification of fungi – Microscopy – DNA isolation – RAPD – Gene Transfer Technique – Protoplast fusion techniques – Bio control – Bioprocess Technology Fermentor, SSF, Fungal metabolites, Industrial enzymes, Antibiotic production, Taxol, Immuno suppressors Allergens/Healthcare Environmental Biotechnology Mycorrhizal biotechnology – Food technology – Mushroom cultivation – WTO – IPR and Biosafety.

**Course fee** : Rs 2400 only.

**Last date** : 15th August for Batch I. 10th October for Batch II.

The DD for Rs 2400 has to be drawn in favour of **The Registrar, University of Madras A/c Dean, Industrial Consultancy**, payable at Chennai.

**All Correspondence:** Prof. P. T. Kalaichelvan  
CAS in Botany  
University of Madras  
Chennai 600 025  
e-mail: [ptkalai2003@yahoo.com](mailto:ptkalai2003@yahoo.com)  
Cell: 044-31033198

**Faculty:**  
Prof. N. Raman, Course co-ordinator  
Prof. R. Rengasamy, Prof. J. Muthumary  
Prof. P. T. Kalaichelvan, Prof. K. Murugesan  
Dr. N. Mohan, Dr. Ebenezer  
Dr. V. Kaviyaran, Dr. K. Periasamy. Dr. Mathivanan