

CABI Training

Course Title: Molecular identification of microbes

Date: 19-20 April 2012

Presented by CABI scientists, this course will provide expert tuition in the selection, generation and interpretation of DNA sequence data for the identification of bacteria, yeasts and fungi.

It will be of particular value to those working in the pharmaceutical, food, agriculture and biotechnology industries, laboratory personnel working in environmental monitoring, and scientists involved in identifying environmental biodiversity.

We have over 80 years' experience in microbial identification and our scientists are world experts in identifying, preserving and maintaining microorganisms. We also have a long and established history of training scientists from around the world.

Programme

The two-day programme provides lectures and demonstrations covering the procedures involved in arriving at an identification from DNA sequence data obtained from a microbial culture. The course will provide participants with opportunities to discuss aspects of their work with tutors and to update their skills and knowledge of:

- DNA extraction and handling
- selection of appropriate gene regions for microbial identification
- DNA amplification and sequencing
- sequence comparison and reaching an identification
- the relevance of reliable data sources and validated sequences

Training resources will be provided for each participant, including electronic copies of course presentations and supporting material.

Venue: CABI, Bakeham Lane, Egham, Surrey TW20 9TY.

CABI houses the UK's National Collection of Fungus Cultures. The CABI Genetic Resource Collection is recognised as one of the world's most important collections of fungi and bacteria and consists of over 28,000 living specimens.

Course cost and registration

The course costs £1,450 (excl. VAT) including lunch and refreshments.

To apply or receive further details, please send your application form to:

Ms Allison Dorsett
Tel: 01491 829032
Fax: 01491 829100
Email: a.dorsett@cabi.org