



2010 Meetings and Courses

International Centre for Genetic Engineering and Biotechnology

8
19 November

Theoretical and Practical Course “Biopesticides: Application and Mechanism of Action” New Delhi, India

Organiser Raj Bhatnagar (ICGEB, New Delhi, India)

Faculty Raj Bhatnagar (ICGEB, New Delhi, India)
Nirupama Banerjee (ICGEB, New Delhi, India)

Lecture Topics Application of insecticidal proteins of *Bacillus thuringiensis*
Mode of action of Bt insecticidal proteins
Transformation of bt genes into plants
Soil microbes and their products for insect control
Biology of entomopathogenic bacteria *Photorhabdus* and *Xenorhabdus*: new insecticidal agents
Neem as pest control agent
Insect gut metagenomics
RNAi in insects

Laboratory Topics Evaluation of action of Bt proteins by insect cell culture
Isolation and analysis of cry genes from strains of *Bacillus thuringiensis*
Isolation and characterization of bacteria, *Photorhabdus* and *Xenorhabdus* and setting up of bioassays
Formulation of biopesticides, evaluation of stability and efficacy
Specificity of Bt protein action by knock down of target receptor by RNAi technology

Contact Requests for information and applications directly to:
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