



REFRESHER COURSE IN MOLECULAR AND DEVELOPMENTAL GENETICS

sponsored by

**Indian Academy of Sciences, Bangalore
2–14 July 2003**

at

**Cytogenetics Laboratory, Department of Zoology
Banaras Hindu University, Varanasi 221 005**

A Refresher Course in Molecular and Developmental Genetics for college/university teachers will be held at Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi from 2 to 14 July 2003.

The course will deal with techniques in basic genetic analysis using various model systems. It also aims at acquainting participants with recent advances in molecular and developmental genetics. Besides informative lectures of 2–3 hrs, there will be intensive practical sessions of 8–9 hrs duration on each day.

The lectures and laboratory exercises at the refresher course will include the following topics :

The power of genetics, use of various model systems in genetic analyses, modern techniques in genetics and molecular biology, the genetic material and gene expression, body pattern formation, chromosome analysis and prenatal diagnosis, sex-determining mechanisms, and use of bioinformatics in genetics.

Teachers wishing to participate in this course may send in their brief curriculum vitae, that includes name, date of birth, postal address, residential address, e-mail address, telephone number, qualifications, teaching experience, courses taught, positions held, etc. They are also requested to indicate their level of familiarity with the topics to be covered in the course.

Teachers applying for participation are also requested to indicate that, if selected, necessary permission and leave would be readily available for participation in the course from their parent institution.

The application should be sent to:

Course Co-ordinator
Refresher Course in Molecular and Developmental Genetics
Cytogenetics Laboratory, Department of Zoology
Banaras Hindu University, Varanasi 221 005
Telephone: 0542-2368145 (Lab), Fax: 0542-2368457; e-mail: jkroy@bhu.ac.in

Selected participants will be provided local hospitality and travel from the place of duty to Varanasi and back (AC three tier) by the shortest route.

Last date for receipt of applications: 10 April 2003