



Physical Research Laboratory

Ahmedabad 380 009, India

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The Physical Research Laboratory is a premier research institute of India carrying out frontline research in Theoretical Physics, Aeronomy, Earth Sciences and Solar System Studies, Computational Physics, Nonlinear Dynamics and Statistical Mechanics, Astronomy and Astrophysics, Laser Physics and Quantum Optics and Solar Physics. The Laboratory has state-of-the-art experimental and computing facilities. The Laboratory invites applications for Faculty/PDF and visiting positions, appointments for which will be made commensurate with qualifications, research experience and age of the candidate. For more details see <http://www.prl.ernet.in> under "opportunities" or e-mail to Head, Academic Services on sharma@prl.ernet.in.

SHORT-TERM TRAINING COURSE ON "MOLECULAR AND CHROMOSOMAL TECHNIQUES IN CLINICAL AND HUMAN GENETICS"

The Cytogenetics Laboratory of the Department of Zoology, Banaras Hindu University will conduct the above training course from 15 March 1999 to 29 March 1999. The course is open to scientists and clinicians interested in pursuing a career in clinical/human genetics. Training will be offered in techniques for DNA extraction, bacterial transformation, Southern hybridization, polymerase chain reaction (PCR), rt-PCR, single strand conformational polymorphism (SSCP), DNA sequencing, Western blotting as well as short-term lymphocyte cultures, chromosome preparations, C-, G- and BrdU chromosomal banding, meiotic chromosomes and synaptonemal complex, fluorescence *in situ* hybridization (FISH) and chromosome painting using mostly human material. These will be supported by lectures on molecular genetic techniques and phenomena dealing with clinical and human genetics.

There will be a registration fee of Rs 5,000. Organizers will take care of the local hospitality. In exceptional cases registration fee may be waived, and a limited number of travel support may become available to the extent of return AC 3 tier fare. Those interested may send applications giving their bio-data and a write up (approx. 500 words) explaining their present line of work and the utility of taking up this training in their work. Applications should reach the Course Director, Dr Rajiva Raman, Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi 221 005 by 10 January 1998. Selected participants will be intimated by 31 January 1999 by e-mail, fax or telephone (please provide these, if you have).