

UNESCO REGIONAL TRAINING WORKSHOP ON MOLECULAR GENETICS OF SOME BLINDING DISEASES

at Hyderabad & Bangalore, India

14–22 December 1998

The study of genetics of eye diseases at the molecular, cellular, organismic and population levels is an important need in Indian subcontinental region. Attempts to understand, analyse and manage certain eye diseases from the genetic angle would be helpful to the clinician, geneticist, pharmacologist, rehabilitation worker, sociologist and health planner in managing patients suffering from these diseases.

Sponsored mainly by UNESCO & also by DBT, ICMR, JNCASR and HERF, the 8-day workshop is being organized by the Hyderabad Eye Research Foundation (HERF), a non-profit scientific organization housed at L.V. Prasad Eye Institute, Hyderabad, the Centre for Human Genetics (CHG) & the Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), both at Bangalore.

COURSE HIGHLIGHTS

PART I: Clinical study and theoretical bases – Lectures

14–16 December

L.V. Prasad Eye Institute
Hyderabad

- General & Molecular Genetics – Introduction
- Linkage mapping and marker genes
- Pedigree analysis of a family with a specific eye disease
- Clinical & biological examination and study of disease management

PART II: Molecular analysis of patient samples – Laboratory experiments

18–22 December

Indian Institute of Science
Bangalore

- Prior serum sample collection from patients
- Isolation of DNA from the samples
- PCR-based diagnosis of mutations in patients and kin

MAJOR FACULTY

Dr Shomi Bhattacharya, University College, London, UK

Dr Suresh Jhanwar, Memorial Sloan Kettering Centre, New York, USA

Dr H. Sharat Chandra, Indian Institute of Science & JNCASR, Bangalore, India

Since the number is restricted, interested participants should immediately contact:

Prof. D. BALASUBRAMANIAN

Director of Research, Hyderabad Eye Research Foundation

L.V. Prasad Eye Institute, Road No. 2, Banjara Hills, Hyderabad 500 034, India

Phone (91) (40) 248098; Fax (91) (40) 248271; E-mail: dbala@lvpeye.stph.net