



**Department of Microbiology and Cell Biology
Diamond Jubilee Year (2001)**

Indian Institute of Science
Bangalore 560 012



MCB-INCYTE GENOMICS workshop on

DNA Microarray Technology

As a part of diamond jubilee celebrations (1941–2001) of the Department of Microbiology and Cell Biology, we are organizing a workshop from 19 to 20 February 2001 on DNA Microarray Technology. This workshop provides a unique opportunity to obtain hands-on experience and in-depth technical knowledge about DNA Microarray technology. The workshop is suitable for graduate students, post-docs as well as investigators. The workshop will consist of a series of lectures by experts in the field followed by experimental laboratory sessions on DNA microarray.

Scientific Sessions

Lectures

Future of Genomics and the Knowledge Platform

Dean Didier, Incyte Genomics

DNA Microarrays

Akbar Khan, Incyte Genomics

Custom mini and maxi DNA arrays

Mugasimangalam Raja, Genotypic Technology

Proteomic approaches to understand diseases

M.R.S. Rao, Indian Institute of Science

Antibody Microarrays

Heather Pancio, Incyte Genomics

Title to be announced

S. K. Brahmachari, Center for Biochemical Technology

Experimental Sessions

DNA Microarray: Probe preparation, array hybridization, reading and analysis

Jenny Fichmann, Sam Raha and Laure Turner, Incyte Genomics

Discussion

Key issues: Microarray – Specific applications, Cost Instrumentation and bioinformatics in (for) the Indian context

Pravin Kini/Mugasimangalam Raja, Cytogenomics

Registration Fee

Academic Institutions	:	Rs 1,000
Industry	:	Rs 2,000

The number of participants will be restricted to 50. Interested persons should apply with their name, sex, status, full address for correspondence and a short summary of their recent research work (not more than 300 words) explaining the relevance to the subject of the workshop to Dr Kumar Somasundaram before 12 January 2001. Selected candidates will be intimated by 20 January 2001. Registration fee should be paid by the selected participants immediately as a demand draft or banker's cheque drawn in favour of 'microarray workshop' payable at Bangalore. Registration fee covers boarding, lodging and workshop materials.

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