



Indian Institute of Technology - Madras in collaboration with  
SciGenom Research Foundation invites you to a



# Symposium on Genetic Diseases: From Mendelian to Malignancies

We are living through a genomic revolution; a revolution that has brought genomic sequencing that cost over 3 billion USD in early 1998, to within the reach of every person, all within a span of 15 years. Today hundreds of academic institutions and hospitals are sequencing millions of genomes to find the clinical cause of genetic diseases. Over 1 million volunteers have been DNA sequenced, making genomics based personalized/precision medicine a reality. All this knowledge is being applied for prevention, diagnosis and management of common, rare known and unknown disorders. This and more are possible when genomics data is obtained in the context of strong familial genetic link and long-standing endogamy as practiced in Indian subcontinent.

From conventional chromosomal analysis, several decades ago to current cutting-edge next gen sequencing, genetics has revolutionized medical genetics practice and simplified genomic diagnostics. These modern protocols have assisted in clinical practice and management significantly. Improving clinical adoption of genomic diagnostics and awareness to the medical fraternity is mandatory and hence IIT-M and SGRF have ventured into conducting CMEs and seminars for medical, paramedical and laboratory personnel.

## Meeting Objectives

The goal of this symposia is to interface practicing physicians, clinical and research geneticist working on various aspects of familial diseases to provide an overview of the disease profiles in the Indian subcontinent and to discuss the potential for genomics to contribute to better diagnostic and management approaches.

## About Organizers

The Department of Biotechnology at IIT Madras is reputed for a strong interdisciplinary research and academic standing in biological sciences, engineering and is in active collaboration with industries and health-care institutions. The focus of the department includes basic research in modern biotechnology and molecular basis of health and disease.

SciGenom Research Foundation (SGRF) is a not-for-profit organization, working to promote Science in India through research and education. SGRF is currently engaged in an effort to identify the genetic cause of rare and complex genetic disorders in collaboration with various academic institutions and hospitals.

## Event Details:

**Symposium on Genetic Diseases: From Mendelian to Malignancies - An Update**

**When:** 17-August-2015, Monday, 9am -5 pm

**Where:** Department of Biotechnology Auditorium, IIT Madras, Chennai.

**Key Speakers:** Dr. Sekar Seshagiri from Genentech, USA, Dr. Stephan Schuster from NTU, Singapore and leading Physicians/Scientists from India.

## Contact us

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