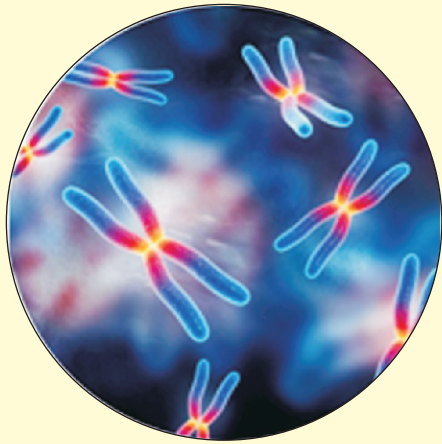


# CRACKING THE CODE OF GENETICS



**International Faculty** : Dr. Chitra Prasad

**Local Faculty** : Dr. Mamta Muranjan

Dr. Neelu Desai

Dr. Parag Tamhankar

Dr. Ramprasad V L

Dr. Ruchi Nanavati

Dr. Shruti Bajaj

**Organizing Committee :**

Patron : Dr. Avinash Supe, Dean

Organizing Chairperson : Dr. Mukesh Agrawal

Organizing Secretary : Dr. Mamta Muranjan

Treasurer : Dr. Shruti Bajaj


Members : Dr. Chandrahans Deshmukh

Dr. Sunil Karande

Dr. Rajwanti Vaswani

Dr. Milind Tullu

Dr. Chhaya Divecha



# CRACKING THE CODE OF GENETICS

[Case-based Workshop on Genetic & Metabolic Diseases]

**Venue:**

CVTC Auditorium, 3rd Floor,  
Cardiovascular Thoracic Center  
Seth GS Medical College & KEM Hospital, Mumbai



90th Year Commemoration  
of  
Seth GS Medical College & KEM Hospital, Mumbai



**Date :**

16, October 2015

## CRACKING THE CODE OF GENETICS

### Scientific Program

Time	Topic	Speaker
08:30-09:00	<b>Registration &amp; Tea</b>	
09:00 - 09:10	Introduction	Mukesh Agrawal
09:10 - 09:30	'Start codon': When do I suspect a genetic disorder?	Mamta Muranjan
09:30 - 10.05	<b>No head lags for this one: Floppy infant</b> • Case presentation • Approach to diagnosis	Neelu Desai
10.05 - 10.40	<b>Developing one more milestone : Demystifying neuroregression</b> • Case presentation • Approach to diagnosis	Neelu Desai
10.40 - 10.50	<b>Tea break</b>	
10.50 - 11:30	<b>No sweat! Hypoglycemia simplified</b> • Case presentation • Approach to diagnosis	Chitra Prasad
11:30 - 12:05	<b>Infant with acute metabolic encephalopathy: Do it right the first time!</b> • Case presentation • Approach to diagnosis	Shruti Bajaj
12:05 - 12.40	<b>Neonate with cholestasis : Clearing the grey zones</b> • Case presentation • Approach to diagnosis	Chitra Prasad
12.40 - 13:15	<b>A lot 'in store': Diagnosis of hepatosplenomegaly</b> • Case presentation • Approach to diagnosis	Parag Tamhankar
13:15 - 14.00	<b>Lunch</b>	
14.00 - 14.30	Know your tools: New molecular and cytogenetic methods	Ramprasad V L
14.30- 15:00	Infusing life & pride: Enzyme replacement therapy	Mamta Muranjan
15.00 - 15:10	<b>Tea break</b>	
15:10 - 16.30	Learning through cases (Panel discussion) Moderator : Shruti Bajaj • Cytogenetics : Karyotype & beyond (FISH, microarrays) • The conundrum of new molecular diagnostic tools (NGS/WES) • Making sense out of spectrometry (GC/MS, TMS) • Call from the newborn screening lab: What next	Chitra Prasad Mamta Muranjan Parag Tamhankar Ramprasad V L Ruchi Nanavati

Genetics is galloping into the forefront of clinical practice in several medical specialties. Pediatrics is one such specialty where role of Genetics has been firmly established in understanding the mechanism of a majority of fetal, neonatal and childhood diseases. Diagnostic tools have also been revolutionized. Additionally, rapid advances in drug development and biotechnology have offered hopes of treatment for several previously untreatable genetic diseases. Pediatricians and Neonatologists in India are already confronted with the diagnosis and management of Genetic diseases in their office practice. The onus thus lies on them for realizing the potential of these exciting developments and to deliver them to the patients and their families. In anticipation of an explosive rise in burden of Genetic diseases, Pediatricians and Neonatologists need to acquire skills in the clinical diagnosis of these diseases and attain competence in logical selection of genetic tests and their correct interpretation. This interactive workshop provides an opportunity to acquire a rational and practical approach with real-life case scenarios from experts in the field.

### REGISTRATION FORM

Name \_\_\_\_\_  
(First name) (Middle name) (Surname)

Institution : \_\_\_\_\_

Address : \_\_\_\_\_

City : \_\_\_\_\_ Pincode : \_\_\_\_\_

Email : \_\_\_\_\_

Telephone No. \_\_\_\_\_  
(STD code) (Landline)

Mobile : \_\_\_\_\_

### REGISTRATION FEE

- Practicing Pediatrician : Rs. 1000.00
- Postgraduate Student : Rs. 500.00

### Contact for Registration:

**Dr. Shruti Bajaj : +91 9820517545 • Dr. Ami Shah : +91 9820782699**  
Pediatric Research Laboratory, 2nd Floor, Above Ward 17/18, KEM Hospital, Parel, Mumbai 400012. • Email: geneticist@kem.edu

### Acknowledgement :

Received Rs. \_\_\_\_\_ from Dr. \_\_\_\_\_  
by Cash / Cheque (Cheque No. \_\_\_\_\_ dated \_\_\_\_\_  
drawn on Bank \_\_\_\_\_

as registration fees for **“CRACKING THE CODE OF GENETICS”**  
Please present this acknowledgement slip at the Registration Counter to collect the final receipt.

Delegates are requested to report to the venue at 08.30 am on the day of the CME.