

PediGen2015

Date: Friday February 13 to Sunday February 15th 2015

Venue: Deenanath Mangeshkar Hospital & Research Center, Pune

Dear Fellow Pediatricians

IAP, Pune chapter and Deenanath Mangeshkar Hospital, Pune are pleased to announce PediGen2015 after an outstanding success of PediGen2012. Three years is indeed a long time given the pace of discoveries and advances in Genetic Medicine. Here is your chance to get an update, by world experts, all under one roof!

PediGen2015 will showcase medical geneticists from all across the country along with renowned international faculty. It is a perfect combination of exciting science and academics mixed with fun and frolic! The scientific program begins with the inaugural talk and ends with appreciation of all those contributing to the conference proceedings.

PediGen2015 will cater to practicing consultants and budding pediatricians alike with didactic sessions, case discussions, debates along with quiz & essay competition to tickle your gray cells and challenge your imagination.

Team PediGen2015 invites you to the future of medicine. Your passport to this exciting journey is only a click away! Come one, come all—let's make PediGen2015 a grand success!

Dr. Koumudi Godbole
Organizing Secretary

Dr Rajan Joshi
Organizing Chairperson

Dr. Anand Deshpande
Organizing Co-chairperson

PediGen2015: Conference Highlights

- Perfect mix of clinical and academic genetics
- Small group focused symposia
- Opportunity to present your interesting cases to the world experts
- Genetics quiz (for PG students) and Essay competitions
- E-poster competition with certificates to all participants and prizes for winners

Contact:

Please write to pedigen2015@gmail.com or visit www.dmhospital.org/pedigen2015

For online payment: www.dmhospital.org/onlinepayers

Secretariat Contact: Dr. Shilpa: 8983271911 Mrs. Anannya: 020-40151368 Ms. Manjusha: 020-40151395
(10 AM – 5 PM on working days)

PediGen2015

Scientific Program at a glance

Day 1: Feb 13th 2015

PG Quiz: Written Preliminary Round, Deenanath Mangeshkar Hospital, Pune

Concurrent symposia (small group)/ Deenanath Mangeshkar Hospital, Pune

- A. Inborn Errors of Metabolism
- B. Genetic Diagnostics
- C. Clinical Genetics; dysmorphology & counseling

Inauguration followed by banquet

- At the hands of Dr. Wayne Grody, former president, American College of Medical Geneticists followed by his Inaugural talk

Day 2: Saturday, Feb 14th 2015

Session 1: Organelles in health & disease (with case presentation)

Session 2: Differential diagnosis and approach

Session 3: What's new in genetics?

Session 4: Debates: IEMs in India

Day 3: Sunday Feb 15th 2015

PG Quiz: Final Platform Round

Session 5: Diagnostic challenges

Session 6: Mixed bag

Prize distribution & Valedictory

PediGen2015

Our Faculty

International:

Prof Arndt Rolf, University of Rostock, Germany
Prof Boris Kramer, Maastricht University, Netherlands
Prof David Chitayat, University of Toronto, Canada
Prof Dhavendra Kumar, Cardiff, UK
Dr Himanshu Goel, Hunter Diagnostics, NSW, Australia
Prof Nagesh Rao, UCLA, USA
Dr. Peter Turnpenny, Exeter, UK
Prof Steven Steinberg, Kennedy Krieger Institute, Baltimore, USA
Prof Wayne Grody, UCLA, USA

National:

Anil Jalan, Mumbai	Aparna Kulkarni, Pune	Ashwin Dalal, Hyderabad
Chaitanya Datar, Pune	Giriraj Chandak, Hyderabad	Jayesh Sheth, Ahmedabad
Kausik Mandal, Lucknow	Koumudi Godbole, Pune	Madhulika Kabra, New Delhi
Mamta Muranjan, Mumbai	Manjit Kaur, New Delhi	Meenakshi Bhat, Bengaluru
Neerja Gupta, New Delhi	Parag Tamhankar, Mumbai	Prakash Gambhir, Pune
Rashid Merchant, Mumbai	Ratna Puri, New Delhi	Ravindra Makkar, Gurgaon
Renu Saxena, New Delhi	Rohit Cariaapa, Bengaluru	Seema Kapoor, New Delhi
Shagun Aggarwal, Hyderabad	Sheela Nampoothi, Kochi	Shubha Krishna, Bengaluru
Sujatha Jagadeesh, Chennai	Vishnu Biradar, Pune	V L Ramprasad , Bengaluru

& others

PediGen2015: Scientific Program

Day 1, Friday, February 13, 2015

1pm-1.45 pm PG Quiz: Round 1: Multiple choice questions/ written.

The first four teams will be selected for the 2nd and final round (platform) to be held on Sunday Feb 14 2015, between 8.00-9.00 am.

Prize distribution for the winner and runner up teams at the valedictory function of PediGen 2015

2.00- 6.00 Half Day Symposia

Delegates choose and attend only one symposium by prior registration

A	Inborn Errors of Metabolism	B	Genetic Diagnostics	C	Dysmorphology & counselling
2.00-2.10	Intro-overview	2.00-2.10	Intro-overview	2.00-2.10	Intro-overview
2.10-2.30	Spot Diagnosis in IEM	2.10-2.40 N. Rao USA	Understanding Microarrays	2.10-2.40 P. Turnpenny UK	Approach to a child with Multiple congenital anomalies
2.30-3.00 V. Biradar Pune					
3.00-3.30	Suspected storage disorder: diagnostic approach	2.40-3.10 S Steinberg USA	Disorders of Imprinting (Prader-Willi/ Angelman)	2.40-3.30 D. Chitayat Canada	Essentials of genetic counselling
J sheth Ahmedabad					
3.30-4.00	Cyclical vomiting	3.10-3.40 GR Chandak Hyderabad	Whole genome sequencing	3.30-3.50 K Mandal Lucknow	Dysmorphism & teratogens
S Kapoor New Delhi				3.50-4.10	Tea break
4.00-4.20	Tea Break			4.10-4.40	Prenatal Pointers to Pediatric Disorders
4.20-4.50	IEM with dysmorphism	4.00-4.25 A. Kulkarni Pune	Maternal serum screen for Down syndrome: How accurate	M. Bhat Bengaluru	
P. Tamhankar Mumbai					
4.50-5.20	Speciality Nursing in Genetics	4.25-4.50 VL Ramprasad Bengaluru	Fetal DNA in maternal blood	4.40- 5.10 H. Goel Australia	Web-based Genetic Tools for Pediatricians
S. Jagadeesh Chennai					
5.20- 5.50	Supportive therapy in IEM	4.50-5.20 A Dalal Hyderabad	Multiple congenital anomalies: which test to order?	5.10- 6.00 D. Chitayat P. Turnpenny M. Bhat K. Mandal	Panel discussion with interesting cases
Anil Jalan New Mumbai					

7.30-8.30 Inaugural Lecture by Prof Wayne Grody: White Coat Meets Silver Screen

Day 2, Saturday February 14, 2015

8.00-9.30 Registration and Breakfast

9.30-10.50 / Session 1:

Organelles in Health & Disease (35 mins for first two talks)

Lysosomes (Gaucher/ Hurler disease)

Peroxisomes (Adrenoleukodystrophy/ Zellweger syndrome)

Diagnosis of LSD using dried blood spot

Sujatha Jagadeesh, Chennai

Steven Steinberg, USA

Ravinder Makkar, Gurgaon

10.50-11.20 Tea

11.20-13.00 Session 2:

Differential diagnosis and Approach (30 mins each)

Joint hypermobility (Marfan syndrome/ Larsen syndrome)

Cardiomyopathies in infancy (Pompe disease and Barth syndrome)

Disorders of sexual development in a newborn

Peter Turnpenny, UK

Dhavendra Kumar, UK

David Chitayat, Canada

13.00- 14.00 Lunch

14.00-16.00/ Session 3:

What's new in Genetics (30 mins each)

Regenerative therapies in neonatology: HIE & HMD

The epigenetics of birth defects

Next generation sequencing

Personalized medicine

Kramer Boris, Netherlands

Koumudi Godbole, Pune

Shuba Krishna, New Delhi

Wayne Grody, USA

16.00-16.30 Tea

16.30-18.30: Session 4:

Debates: IEMs in India (30 mins per debate)

Enzyme replacement therapy: reality or dream for India

IEM diagnosis: GC-MS or TMS

Newborn screening: common treatable or all possible

Newborn screening: Universal to all or targeted for high risk

Mamta Muranjan, Mumbai &

Shagun Aggarwal, Hyderabad

Manjit Kaur, New Delhi &

Neerja Gupta, New Delhi

Sheila Mathai, Pune &

Rohit Cariappa, Bengaluru

Prakash Gambhir, Pune &

Chaitanya Datar, Pune

PediGen2015

Day 3, Sunday February 15 2015

8.00-9.00 Genzyme PG Quiz: Final round

9.00-10.30: Session 5

Diagnostic challenges in clinical genetics (30 mins each)

Non-syndromic mental retardation

Disproportionate short stature (Skeletal dysplasia)

Autism

Madhulika Kabra, New Delhi

Sheela Nampoothiri, Kochi

Peter Turnpenny, UK

10.30- 11.00 Tea

11.00-13.00: Session 6

Molecular Diagnostics (30 mins each)

Hereditary Spastic Paraplegia

DMD: Molecular diagnostics and therapy

Molecular Diagnostics in Infectious diseases

Thalassemia: why molecular diagnosis?

Arndt Rolfs, Germany

Renu Saxena, New Delhi

Rashid Merchant, Mumbai

Ratna Puri, New Delhi

13.00-13.15

Prize distribution & Valedictory

Poster/ PG Quiz/ Essay competition

13.15.14.0 Lunch

PediGen2015

ESSAY COMPETITION (English only)

Eligibility: All delegates registered for the conference including faculty members

: More than one entry for essays on different topics is allowed

Topics : The evolved Homo sapien: my vision

: Indian mythology and modern genetics

: Genetic medicine in the 22nd century

Word limit: 2000, original illustrations welcome

Style: Use of American English, double spaced, font Arial or Times New Roman, size 12

Last date of submission: January 5th 2015

Selection criteria: Scientific content and accuracy, Imagination and originality and Language in that order. Essays will be judged by a panel of experts from molecular biology and medical genetics and their decision will be considered final.

Submit your essay as an attachment to koumudig@gmail.com

Best Essay will be awarded during the valedictory function of PediGen2015 on Feb 15th 2015

PG Quiz

Eligibility: Registered post-graduate students in Pediatrics: DCH, MD, DNB, FCPS, Fellows in super specialties-- each team with two members certified by HOD of that department. More than one teams from one institute welcome!

Syllabus: Basic genetics and that covered in standard Pediatrics textbooks

Round 1: written/multiple choice questions, elimination round where average marks of the duo representing a team will be considered to qualify for the final round

Round 2: Platform, with 4 rounds with 4 questions in each round

1. MCQs: Basic Genetics: genes and chromosomes, inheritance patterns and recurrence risk estimation, common techniques
2. Visual round: Identify the syndrome
3. MCQs: common pediatric genetics conditions, investigations and management
4. MCQs: IEMs

In case of tie-up, round 5 with MCQs

Quiz master's decision will be considered final.

Winning team will be awarded along with certificate of participation to all teams in final round

Last date for application: December 31st 2014

E-POSTERS

Eligibility: All delegates registered for the conference (except faculty and organizing committee members). Student delegates should submit a permission letter from HOD along with the abstract

Topics: Clinical genetics, Cytogenetics, Molecular Biology, Inborn errors of metabolism, Genetic counseling, prenatal diagnosis

- Abstract: One page, American English, single spaced, font Arial or Times New Roman, size 12
- The participant submitting the poster will be solely responsible for all permissions related to use of patient/ hospital data and clinical photographs if any. Scanned copies of documents including letter of HOD and patient consent etc should be emailed along with the poster (PowerPoint presentation maximum 6 slides including name of organization/presenter) only if your abstract is selected for the poster competition

Last date of submission (abstract): December 31st 2014

Last date of submission (Power Point): January 20th 2015

Selection criteria: Scientific content and accuracy, knowledge of presenter during the poster session. Original research and case series will be given priority over individual case reports.

- Only those participants who receive a selection letter should send a complete PowerPoint presentation of their e-poster
- No changes will be permitted to the PPT presentation after submission
- All submitted abstracts will be uploaded on the conference website and will be available for a period of one month after the event for review.
- E-Posters will be judged by a panel of expert medical geneticists during the poster session and their decision will be considered final.

Submit your essay as an attachment to pedigen2015@gmail.com

Best poster will be awarded during the valedictory function of PediGen2015 on Feb 15th 2015

Genetics crossword

A genetics crossword, based on basic medical genetics and common genetic disorders, will be included in the delegate kits.

All delegates (except faculty and organizing committee members) are eligible to enter the competition provided that

- The completed crossword with name and conference registration number
- Is submitted in **the Crossword Bin** at the reception
- Before 18.00 hrs (6 pm) on Saturday, February 14th 2015

The key to the crossword will be made available at the reception on Sunday February 15th 2015 after 10.00 am.

Names of all participants who have cracked the crossword correctly will be announced at the valedictory function and they will be felicitated.

Accommodation

The following hotels near the venue have provided special rates for PediGen2015 delegates. You may please call or write to these hotels directly, present your conference registration number and book your accommodation.

Hotel Name &Address	Distance from venue	Room rate/day (+ taxes applicable)	Contact name and number	Email
The President Hotel Off Karve Road, Pune	2 Kms	2200 – 3500/-	Mr. Riyaz Tel. 020 – 30255555	sales@hotelpresident-pune.com
Hotel Royalty, Prabhat Road, Pune	3 Kms	2850-6000/-	Ms. Pooja Tel. 020 - 25466793	info@hotel-royalty.com
The Oakwood Hotel, Bhandarkar Rd, Deccan, Pune	3 Kms	2500 – 4000/-	Mr. Mahesh Tel. 020 – 25670011	oakwood.tg@gmail.com
Hotel Raviraj, Bhandarkar Rd., Pune	3 Kms	2500 – 3100/-	Mr. Sandeep M – 9822324110 Tel. 020 - 41047000	hotelraviraj@gmail.com
Hotel Kohinoor Executive, Apte Rd., Deccan, Pune	3.5 Kms	2000 – 3000/-	Mr. Ashok Bihari M – 9890188903 Tel. 020 - 25532000	kohinoor.pune@gmail.com
The Coronet Hotel, Apte Rd, Deccan, Pune	4 Kms	2500 – 3500/-	Mr. Amit Sen M – 9881307423 Tel. 020 - 255303000	sales@thecoronethotel.com
Hotel Deccan Rendezvous, Apte Rd., Deccan, Pune	4.5 Kms	3000 – 8000/- (24 hrs checkout)	Mr. Ganesh Bhandare M – 9922990573 Tel. 020 - 25612345	rdm@deccanrendezvous.com

PEDIGEN2015 Registration form

Registration Fees (Registrations limited to 300 delegates only)

Category	Upto December 31st, 2014	Upto January 31 st , 2015	February 1 st 2015 onwards
Conference (includes entrance for inaugural talk and banquet at PYC club, Pune)			
Regular delegates	Rs 3500	Rs 4000	Rs 4500
PG students	Rs 3000	Rs 3500	Rs 3500
Foreign delegates	Rs 7000	Rs 8000	Rs 9000
Pre-conference Concurrent symposia (includes entrance for inaugural talk and banquet at PYC Club, Pune): any one/ limited seats (first 30 each)			
Conference delegates	Rs 500	Rs 500	Rs 500
Non-medical for symposium B only	Rs 700	Rs 700	Rs 700

*Pre-conference symposium registration only for delegates registered for main conference, except for symposium B

Registration form

- **Name of the delegate:** ----- **Registration Number**-----
- **Educational Qualification** ----- **Designation** :-----
- **Work Address** -----

City -----	State -----	PIN -----
-------------------	--------------------	------------------
- **Residential address:**----- - **City**

State -----	PIN -----	City -----
--------------------	------------------	-------------------
- **Tel number (Hosp/clinic):** ----- **Mobile number:** -----
with STD code
- **Email:** -----
- Please let me know accommodation options closer to the venue: Y/N

Please accept my registration for PediGen2015 as a **Regular delegate / PG student* / foreign delegate**

For : **Pre-conference symposium (A/ B/ C) and Conference** / **Conference alone/**

For symposium B only (non-medical delegates only). Please tick the option chosen.

* I wish to participate in the PG Genetics Quiz to be conducted during PediGen2015: Y/N

* Letter from HOD, Pediatrics authorizing your application and participation in genetics quiz is necessary

I am enclosing a **multi-city cheque /DD addressed to Deenanath Mangeshkar Hospital, Pune** payable at Pune/
For online payment : www.dmhospital.org/onlinepayers

DD Number-----dated-----drawn on ----- worth Rs
-----payable at Pune.

Signature of the delegate:

Date:

Correspondence Address : Dr. Koumudi Godbole, Organizing Secretary-Pedigen2015,
Deenanath Mangeshkar Hospital, Erandwane, Pune- 411004