



## SOCIETY FOR INDIAN ACADEMY OF MEDICAL GENETICS

Building at Healthier Tomorrow with Genetic Insights and Research

• Academic Partner •



• Co-Host •



**Deenanath Mangeshkar  
Hospital & Research Center**

10<sup>th</sup> Annual Conference of the Society for Indian Academy of Medical Genetics

# IAMG2025

*Theme : From rare disorders to common diseases*

### PRE-CONFERENCE WORKSHOPS

4<sup>th</sup> December, 2025

### CONFERENCE

5<sup>th</sup> - 7<sup>th</sup> December, 2025

• Venue •

**Symbiosis International University,**  
Lavale Campus, Mulshi, Pune.

## 5th December 2025 - Conference Day 1

<u>Time</u>	<u>Session details</u>	<u>Faculty/ Moderator</u>	<u>Chairpersons</u>
9:00- 9:10 am	Welcome to SIAMG 2025	Chaitanya Datar (Pune)	-
Session 1: Insights into disease origin			
9:10- 9:40 am	Renal development and disease	Abhijit Dixit (UK)	Prakash Gambhir (Pune) Sujatha Jagadeesh (Chennai)
9:40-10:15 am	Rare Begets Common- Bench to bedside	Bruno Reversade (Saudi Arabia)	
10:15- 10:45 am	Inauguration Ceremony  Chief Guest- Dr. Rajeev Yeravdekar , Provost, Symbiosis International University  Message from Dr. Mrudula Phadke (Patron)  Ratna Dua Puri (President, SIAMG), Neerja Gupta (Secretary, SIAMG), Koumudi Godbole (Chairperson, SIAMG 2025), Chaitanya Datar (Secretary, SIAMG 2025)  MOC- Aradhana Dwivedi, Veronica Arora		
10:45- 11:15 am	Refreshment break- Poster viewing and judging (P1)		
Session 2: Panel discussion- Kal Aaj aur Kal			
11:15 am – 12:00 pm	Moderator- Ratna Dua Puri (New Delhi)  Panelists- Shubha Phadke (Pune), Madhulika Kabra (New Delhi), Sujatha Jagadeesh (Chennai), Seema Kapoor (New Delhi)		
Session 3- Going Genomic			
12:00- 12:30 pm	Newborn genome sequencing at birth	Madhuri Hegde (USA)	Ashwin Dalal (Hyderabad) Brig VV Tewari (Pune)
12:30 – 1:00 pm	Personalized genomes in populations-	Vinod Scaria (New Delhi)	
1:00- 2:00 pm	Lunch Break – Poster viewing and judging (P2)		
2:00- 2:25 pm	RNA transcripts in cancer	Sharmila Bapat (Pune)	Inusha Panigrahi (Chandigarh) Sheela Nampoothiri (Kochi)
2:25- 2:50 pm	Practical Pharmacogenomics	Tester Ashavaid (Mumbai)	

Session 4- Atypical presentations- Novel solutions			
2:50- 3:10 pm	Atypical Hemolytic Uremic syndrome: Challenges in diagnosis and approach to management-	Lt Col Puneet Singh (New Delhi)	Mamta Muranjan (Mumbai) Suchi Acharya
3:10- 3:30 pm	Demystifying Gaucher disease: Let evidence speak	Radha Rama Devi (Hyderabad)	(Pune) Bharati Deokar
3:30- 3:50 pm	Revolutionizing MPS 2 treatment Paradigms	Sankar VH (Trivandrum)	Sharma (Pune)
3:50- 4:20 pm	Refreshment break- Poster viewing and judging (P3)		
Session 6- Group Debate			
4:20- 5:00 pm	Future of Genomics: Natural or Artificial Intelligence ? Moderator- Neerja Gupta (New Delhi) Team A (For AI) - Prajnaya Ranganath (Hyderabad), Sameer Bhatia (New Delhi), Veronica Arora (New Delhi) Team B (For NI) - Sankar VH (Trivandrum), Somya Srivastava (Mumbai), Mounika V (New Delhi)		
Session 7- Prof SS Agarwal Oration 2025			
5:00- 5:50 pm	Insights from the last decade of research in genetic skeletal disorders	Carlos Ferreira (USA)	Shubha Phadke (Pune) Ratna Dua Puri (New Delhi)
5:50- 6:00 pm	Genomics EMR- The next frontier in healthcare	Shubha Phadke (Pune)	-
6:00- 7:00 pm	Platform presentation of selected abstracts		
7:00- 7:30 pm	Annual General Body Meeting (GBM)		
7:30- 9:00 pm	Conference dinner		

## 6th December 2025 - Conference Day 2

<u>Time</u>	<u>Session details</u>	<u>Faculty/ Moderator</u>	<u>Chairpersons</u>
<b>Session 8: Wading through Controversies</b>			
9:00- 9:30 am	Cardiogenetics: A conundrum of phenotypes and variants	Shrikant Mane (USA)	S J Patil (Bengaluru) Meenal Agarwal
9:30- 10:00 am	When a VOUS remains a VOUS: Art and Science of variant classification	Madhuri Hegde (USA)	(Pune) Anjali Kher (Pune)
10:00- 10:30 am	Dilemmas in Disorders of Sexual Development	Abhijit Dixit (UK)	
<b>Session 9: Interventional Genomics</b>			
10:00- 10:30 am	Interventional Genomics for rare neurological diseases	Udai Pandey (USA)	Prajnya Ranganath (Hyderabad)
10:30- 11:00 am	Generalized Arterial Calcifications of Infancy: Clinical presentation and therapeutic insights	Carlos Ferreira (USA)	Chaitanya Datar (Pune)
11:00- 11:30 am	Refreshment break- Poster viewing and judging (P4)		
<b>Session 10: Prof IC Verma Outstanding Researcher Award 2025</b>			
11:30am- 12:20 pm	Award announcement and presentation		Madhulika Kabra (New Delhi) Neerja Gupta (New Delhi)
<b>Session 11: Panel discussion: Dilemmas in Fetal Genomics</b>			
12:20- 1:00 pm	Moderator- Meenal Agarwal (Pune) Panelists- Shagun Agarwal (Hyderabad), Seema Thakur (New Delhi), Parag Tamhankar (Mumbai), Aparna Kulkarni (Pune), Meenakshi Lallar (Chandigarh)		
1:00- 2:00 pm	Lunchbreak- Poster viewing and judging (P5)		
<b>Session 12: Beyond DNA into Therapeutics</b>			
2:00- 2:25 pm	Model organisms/ mRNA in developing therapeutics	Aarti Sevilimedu (Hyderabad)	Giriraj Chandak (Hyderabad)
2:25- 2:50 pm	Epigenetic regulation of nervous system	Bhavana Murlidharan (Bengaluru)	Shagun Agarwal (Hyderabad)



2:50- 3:15 pm	Placental epigenetics: implications for DOHAD	Sadhana Joshi (Pune)	Col Hitendra Batra (Pune)
3:15- 3:40 pm	Selumetinib in NF1 management: From bench to bedside	Sumita Danda (Vellore)	
3:40- 4:00 pm	Understanding ASMD: The missing link among Lysosomal Storage Disorders	Veronica Arora (New Delhi), Lt Col Aradhana Dwivedi (Pune)	
4:00- 4:20 pm	Refreshment break- Poster viewing and judging (P6)		
Session 12: Panel discussion: Ethical Legal Social Issues in Screening for genetic disorders			
4:20- 5:00 pm	Moderator- Koumudi Godbole (Pune)  Panelists- Prakash Gambhir (Pune), Mamta Muranjan (Mumbai), Sheela Nampoothiri (Kochi), Ashwin Dalal (Hyderabad), Sheetal Sharada (Ahmedabad), Sanjay Gupte (Pune)		
Session 13:Prof SS Agarwal Young Scientist Award presentation 2025			
5:00- 5:25 pm	Award announcement and presentation		Sankar V.H. (Trivandrum)  Koumudi Godbole (Pune)
5:25 – 6:00 pm	Kaun Benga ‘Genome’pati - Aradhana Dwivedi (Pune), Sameer Bhatia (New Delhi)		
6:00- 7:00 pm	Platform presentation of selected abstracts		
7:30 pm onwards	Gala dinner with entertainment program		

## 7th December 2025 - Conference Day 3

<u>Time</u>	<u>Session details</u>	<u>Faculty/ Moderator</u>	<u>Chairpersons</u>
Session 14: Common diseases: Genomic undercurrents			
9:00- 9:20 am	Genetic risk stratification in common diseases: A tool to mitigate disease burden	V Ramprasad (Bengaluru)	Chittaranjan Yajnik (Pune) Archana Kher
9:20- 9:40 am	Mendelian Randomization: Determining Association or Causality	Giriraj Chandak (Hyderabad)	(Pune) Sarang Barbind
9:40- 10:05 am	Clinical Use of Polygenic risk scores in diabetes: Challenges and Possibilities	Rashmi Prasad (Sweden)	(Pune)
10:05- 10:45 am	Differential Diagnosis of Diabetes in the lean and young of South Asia	Nihal Thomas (Vellore)	
10:45- 11:25 am	Dialogue- Whose Mono-Poly (genic):Demystifying the Diabetesity & Dyslipidemia Moderator- Chaitanya Datar (Pune) Panelists- Nihal Thomas (Vellore), Rashmi Prasad (Sweden), Giriraj Chandak (Hyderabad), M.K. Sibin (Pune)		
11:25- 11:40 am	Refreshment break		
Session 15: Novel therapeutics			
11:40 am- 12:00 pm	Risdiplam: A proven therapy for transforming SMA patient outcomes	Alpana Kondekar (Mumbai)	Pramila Menon (Pune)
12:00- 12:20 pm	Molecular therapy of beta thalassemia	Shaji R Velayudhan (Vellore)	Anup Rawool (Pune)
12:20- 12:40 pm	AAV based gene therapy: where have we reached?	Arkasubhra Ghosh (Bengaluru)	
12:40- 1:00 pm	Awards /Valedictory		
1:00- 2:00 pm	Lunch & Farewell		