





ISHG 2025

49th Annual Meeting of Indian Society of Human Genetics and International Conclave on Neurogenetics

www.ishg2025.org

JANUARY 20-22, 2025

NIMHANS Convention Centre, NIMHANS, Bengaluru



Announcement Brochure

Welcome Message

Dear all,

Greeting from ISHG 2025, Bengaluru!

We are happy and deeply honoured to host the 49th Annual Meeting of the Indian Society of Human Genetics (ISHG 2025) and International Conclave on Neurogenetics at the Convention Centre, NIMHANS, Bengaluru, from January 20 - 22, 2025. NIMHANS, an Institute of National Importance, embodies the vision and mission 'To be a world leader in the area of Mental Health and Neurosciences and evolve state-of-the-art approaches to patient care through translational research'. With its foundation built on the three pillars of patient care, teaching/training, and research, NIMHANS stands out as a beacon of excellence.

The three days conference will cover a wide range of topics, including new technologies and their applications and other research breakthroughs, highlighting the latest and most thrilling advancements in genetics and genomics for the current year. It will provide an ideal platform for sharing pioneering research findings, acquiring fresh insights, and staying abreast of the progress in the field.

We are delighted to extend a warm invitation to this premier academic event dedicated to expanding our knowledge and understanding of health and disease, fostering collaboration, and inspiring innovation in Human Genetics. ISHG 2025 features stalwarts in the field as keynote speakers and a diverse array of didactic lectures by national and international experts, in addition to a compelling panel discussion on 'Genetic Research in India: quo vadis?', young scientist presentations, oral and interactive poster presentations by budding researchers. ISHG 2025 promises to be one of the biggest academic feasts highly relevant to fledgling scholars and experienced academicians seeking to delve deeper into the latest advancements and collaborations in Human Genetics.

Bengaluru, often referred to as the Silicon Valley of India, is the hub for scientific and technological advancements and is home to a multitude of prestigious organisations fostering a culture of innovation. But beyond the academic realm, the city with its rich cultural heritage and natural beauty showcased in lush green parks and serene gardens, museums, historical monuments, and religious getaways, complemented by the theatre and entertainment industry, silk weaving and wood craftsmanship, multicuisine eateries, and cosmopolitan populace, notwithstanding the extreme and intense traffic, is a treasure trove waiting to be explored. As the capital of Karnataka, Bengaluru exudes energy, seamlessly blending tradition with modernity. Its warm hospitality and vibrant atmosphere make it an appealing destination that leaves visitors spellbound.

We heartily welcome distinguished researchers, clinicians, scholars, Life Science/Biotechnology companies, diagnostic as well as pharmaceutical firms, and genome artists to join us at the largest scientific gatherings on Human Genetics in India. Let us together explore the current advances in genomic science, expand the frontiers of research in human disease and celebrate the exchange of knowledge as well as the spirit of academic excellence at NIMHANS, Bengaluru.



Prof. Monojit Debnath Organising Chairperson - ISHG 2025 Department of Human Genetics, NIMHANS, Bengaluru



Dr. Mathivanan Jothi Organising Secretary & Treasurer - ISHG 2025 Department of Human Genetics, NIMHANS, Bengaluru

Organising Committee

Patron



Prof. Pratima Murthy Director, NIMHANS

Organizing Chairperson Organizing Secretary & Treasurer



Prof. Monojit Debnath Department of Human Genetics, Department of Human Genetics, **NIMHANS**



Dr. Mathivanan Jothi **NIMHANS**

Co-chairpersons



Prof. Ravi Yadav Department of Neurology, NIMHANS



Prof. G.K. Chetan Department of Human Genetics, NIMHANS

Dr. Biju Viswanath Department of Psychiatry, NIMHANS

Joint Secretaries



Dr. Gautham Arunachal Udupi Department of Human Genetics, Department of Human Genetics, NIMHANS



Dr. Gurudattta B.V. NIMHANS

Local Organising Committee



Prof. Srinivas Bharath M.M. NIMHANS



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Prof. K. Satyamoorthy



Dr. Moinak Banerjee



Prof. Arun Kumar



Dr. Subhabrata Chakrabarti

Conference Highlights

Scientific talks by a galaxy of national and international speakers.

Plenary talks by top-ranked international speakers.

Scientific Talks on Several Sessions on

Treatment Chromosome Avenues for **Biology** Rare Genetic Disorders Gene Therapy Genetics and Genome to and Precision **Epigenetics** Phenome Medicine Complex Genome Genetic **Editing** Disorders Genome ELSI in Population architecture and Genetic Genetics regulation Services Models of Advanced Genetic **Human Genetic Technologies** Disorders and Big Data

10 minutes "Oral Communication" session by young researchers (PhD/ Postdoc/ Young faculty) and opportunity to win best oral presentation award by the young researchers (below 35 years). Restricted only to five participants.

The short-listed participants will also receive travel grants.

ISHG Young Scientists talk by selected young researchers

Poster presentations for three days and opportunities to win best poster awards

Panel discussion on "Genetic Research in India: Quo Vadis?" By top-ranked basic and clinical geneticists.

The exhibition by vendors will provide an opportunity to learn about products, technologies and services in the areas of genomics and genetic diagnosis.

Our Renowned Speakers

Plenary Speakers

Prof. Eric Green

Director, National Human Genome Research Institute (NHGRI), National Institutes of Health (NIH), USA

Prof. Jianjun Liu

Executive Director, Genome Institute of Singapore, Singapore

Prof. Aravinda Chakravarti

Director, Centre for Human Genetics and Genomics, New York University, USA

Prof. Henry Houlden

University College of London (UCL), UCL Queen Square Institute of Neurology, UK

International Speakers

Prof. Udai Bhan Pandey

Pittsburgh School of Medicine, USA

Dr. Alexis Battle

Johns Hopkins University, USA

Dr. Manu Sharma

University of Tubingen, Germany

Prof. Niranjan Natarajan

Genome Institute of Singapore, Singapore

Prof. Santosh Girirajan

Pennsylvania State University, USA

Dr. Arslan Zaidi

University of Minnesota, USA

Prof. Divya Mehta

The University of Queensland, Australia

Prof. Santasree Banerjee

Jilin University, China

Prof. Uppala Radhakrishna

The University of Pittsburgh School of Medicine, USA

National Speakers

Prof. Amit Dutt

University of Delhi South Campus, New Delhi

Prof. Anju Shukla

Manipal University, Manipal, Karnataka

Dr. Ashwin Dalal

CDFD, Hyderabad

Dr. Bratati Kahali

Indian Institute of Science, Bengaluru

Prof. Chittaranjan Yajnik

Director, KEM Hospital, Pune

Dr. Dimple Notani

NCBS, Bengaluru

Dr. Hemachander Subramanian

NIT, Durgapur

Dr. Mohammed Faruq

IGIB, New Delhi

Dr. Padavattan Sivaraman

NIMHANS, Bengaluru

Prof. Ramchander Shaji

CMC, Vellore

Prof. Sagar Sengupta

Director, NIBMG, Kalyani

Prof. Sathees Raghavan

Indian Institute of Science, Bengaluru

Prof. Analabha Basu

NIBMG, Kalyani

Prof. Arindam Maitra

Associate Director, NIBMG, Kalyani

Prof. Binay R. Panda

JNU, New Delhi

Prof. Chandrima Das

SINP, Kolkata

Dr. Debojyoti Chakraborty

IGIB, New Delhi

Dr. Ganesh Chauhan

RIMS, Ranchi

Dr. Manisha Madkaikar

Director, National Institute of Immunohematology (NIIH), Mumbai

Prof. Nachimuthu Senthil Kumar

Mizoram University, Mizoram

Prof. Raghunath Chatterjee

ISI, Kolkata

Prof. Rima Dada

AIIMS, New Delhi

Prof. Sanjeev Shukla

IISER, Bhopal

and many move

Call for Abstract



We cordially invite ISHG members and non-members, scientists, research scholars, students and clinicians as well as other health care practitioners to join us for the ISHG-2025 conference at NIMHANS, Bengaluru. In this prestigious conference, you will have an opportunity to showcase your research findings to national and international audience and have the chance to converse and obtain immediate feedback on your research findings from experts. You will also have collaborative opportunities across various institutions. Exciting new findings that may advance current understanding will be selected for oral presentation. Submitting an abstract may also make you eligible for the ISHG-Young Scientist Award and Travel Grants!

Important Dates Abstract Submission Opens: 15th June, 2024

Deadline Abstract Submission: 25th November, 2024

Notification of Selection: 15th October, 2024

SUBMIT NOW



- Only eight abstracts will be short-listed for ISHG Young Scientist Award. The abstract under this category will be reviewed by a committee constituted by the ISHG.
- Only five abstracts will be short-listed for "10 minutes Oral Communication" session. The short-listed participants will receive travel grant and opportunity to win best oral presentation award.



Registration Details

REGISTRATION FEE

| CATEGORY | EARLY BIRD (Till Oct 31, 2024) | REGULAR (till Nov 01 - Jan, 01 2025) | ON SPOT (Jan 20 - 22, 2025) |
|------------------------------------|-----------------------------------|---|--------------------------------|
| UG/PG STUDENTS (ISHG MEMBERS) | ₹ 4,000 | ₹ 5,000 | ₹ 6,000 |
| UG/PG STUDENTS (ISHG NON- MEMBERS) | ₹ 4,500 | ₹ 5,500 | ₹ 6,500 |
| ISHG MEMBERS | ₹ 5,000 | ₹6,000 | ₹7,000 |
| ISHG NON-MEMBERS | ₹ 6,000 | ₹7,000 | ₹8,000 |
| INDUSTRY DELEGATES | ₹ 10,000 | ₹ 12,000 | ₹ 14,000 |
| FOREIGN DELEGATES | ₹ 10,000 | ₹ 12,000 | ₹ 14,000 |
| ACCOMPANYING PERSONS | ₹ 4,000 | ₹ 5,000 | ₹ 6,000 |

IMPORTANT NOTE

- Registration is mandatory to attend the conference.
- The above mentioned fees includes GST @ 18%, as applicable.
- The registration fee includes conference kit, access to all the scientific sessions, exhibition halls, conference meals (lunches on conference days), snacks and gala dinner.
- The registration fee does not include any travel cost, insurance, accommodation, sightseeing tours or airport transfers.
- While your safety is of utmost importance, the committee/organisers will take no responsibility for loss of belongings/valuables or damage to your property.
- Accompanying Persons including spouses will not be allowed to attend/ enter scientific sessions at the venue.
- Accompanying Persons will be allowed for the conference meals and common area only if they have registered for the conference.
- A convenience fee of 4.5% will be charged as the bank convenience fee on all online payments.



Places to Visit in Bengaluru

Bengaluru- a place where various cultures crosses paths and splendid past mingles with modern pleasures, is fondly known as 'The Garden City of India'. This joyful city has earned quite a few names such as 'Silicon Valley of India', 'Air Conditioned City', 'Pub Capital of India', and 'Pensioners' Paradise' all for its lush green landscapes, healthy climate, and modern conveniences. Often termed as 'techie's paradise', Bengaluru has plenty of things that are of great tourist interest like gardens, natural landscapes, palaces, temples, and museums. All these things together represent a wonderful blend of past and present, and this is the reason a lot of people admire the city for its culture, natural beauty & vibrant.



Lalbagh Botanical Garden



ISKCON Temple



Cubbon Park



Vidhana Soudha



Bangalore Palace



Bannerghatta National Park



Visvesvaraya Industrial and Technological Museum



Innovative Film City



UB City Mall

Attractions Near Bengaluru



Nandi Hills ♀ ♀61 Km



Skandagiri **Q Q** 62 Km



Mysore ♀ ♀ 140 Km

and many more

About NIMHANS

The National Institute of Mental Health and Neuro Sciences (NIMHANS) is a multidisciplinary institute for patient care and academic pursuit in the field of mental health and neurosciences.

The National Institute of Mental Health and Neurosciences (NIMHANS) is situated in the heart of the Bengaluru city. It stands as a benchmark of excellence in the areas of mental health and neurosciences. NIMHANS is an internationally well-known and reputed institute for pioneering research, comprehensive patient care, and innovative teaching as well as training programs. NIMHANS has been instrumental in shaping mental as well as neurological healthcare and neuroscience research in India and beyond. With a multidisciplinary approach, it seamlessly integrates clinical services, research, and training to address the complex challenges of mental illnesses and neurological disorders. As a premier institution, NIMHANS continues to lead the way in advancing treatment, and advocacy for mental health, ensuring a brighter future for individuals and communities.

The Government of India recognized its eminent academic position, growth and contributions and conferred the status of an 'Institute of National Importance'.



Conference Secretariat:

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