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39th ANNUAL MEETING
ISHG 2014

International Conference on Human Genetics & 39th Annual Meeting of Indian Society of Human Genetics

Healthy Genes - Healthy Life

22nd - 25th January, 2014 | Ahmedabad

Organized by:

Foundation for Research in Genetics & Endocrinology [FRIGE] - IHG & Institute of Life Sciences [ILS] - Ahmedabad University, Ahmedabad

Conference Co-Sponsor

GSBTM
Dept. of Science & Technology
Government of Gujarat

Department of Science & Technology
(Government of Gujarat)

Final Announcement

ISHG2014 conference is accredited for CME credit point by the Gujarat Medical Council

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Foundation for Research in Genetics & Endocrinology [FRIGE] - IHG
FRIGE House, Jodhpur Gam Road, Satellite, Ahmedabad - 380015, Gujarat, India
Email: secretariat@ishg2014.org
Mr Jigar Parikh +91-9898097482 **Mr Nrupesh Oza** +91-9427047879
Landline: +91-79-26921414 / +91-79-26302414 **Fax:** +91-79-26921415 / +91-79-26302419

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Mr Kalpesh Sheth

Welcome Message

Dear Colleagues,

We are delighted to circulate final round of updates for the **International Conference on Human Genetics and 39th Annual Meeting of the Indian Society of Human Genetics.** The conference will be held at Ahmedabad Management Association, Ahmedabad, India, from 22nd - 25th January, 2014. The conference will be inaugurated by Hon'ble Dr A P J Abdul Kalam, Former President of India on 22nd January, 2014 and Keynote Lectures will be delivered by Dr Vishwa Mohan Katoch (Director General, ICMR) and Professor Samir K Brahmchari (Director General, CSIR) on 23rd and 24th January, 2014 respectively.

The conference program consists of outstanding lectures including keynote talks, plenary sessions and workshops that will be delivered by 25 international and 50 national scientists in 20 sessions across 3 days. Simultaneously, budding scientists in the field of human and clinical genetics will discuss their findings in oral and poster presentations. Conference registration is now open and abstract submission will take place between 1st June - 30th November, 2013.

This conference provides a platform to bring together internationally recognized scientists to discuss trends, technologies and clinical applications in the areas including genome analysis, cancer diagnosis and prevention, early detection of prenatal disorders, diagnosis and therapeutic approach to lysosomal storage disorders, epigenomics, stem cell biology, genetics of neurobiology, applications of next generation sequencing and advent of nanotechnology in biomedical research etc. Four hands on workshops will be conducted by eminent scientists on topics such as FISH, aCGH, flow cytometry, UCSC and Ensembl genome browser and PCR for early carrier researchers.

In addition to the exciting scientific program, rich social and cultural programs are planned for the evenings and after the conference. We assure you a memorable experience being here in Vibrant Gujarat with an excellent opportunity to enjoy scientific content and explore the heritage city simultaneously.

Looking forward to welcoming you to Ahmedabad.

Dr Jayesh Sheth
Conference Chairman

Professor Alok Dhawan
Conference Chairman

Dr Frenny Sheth
Organising Secretary

Hon'ble Dr APJ Abdul Kalam,
Former President of India
will inaugurate Conference on
22nd January, 2014

Keynote Speakers

Dr Vishwa Mohan Katoch
Director General - Indian Council of Medical Research [ICMR]
Secretary - Department of Health Research (Ministry of Health & Family Welfare),
Government of India, New Delhi
(Keynote lecture on 23rd January, 2014)

Professor Samir K Brahmachari
Director General - Council of Scientific and Industrial Research [CSIR]
Secretary - Department of Scientific and Industrial Research [DSIR],
Government of India, New Delhi
(Keynote lecture on 24th January, 2014)

International

Dr Richard COTTON	Australia
Professor Sukhinder Kaur CHEEMA	Canada
Dr Boris KEREN	France
Dr Kenneth McELREAVEY	France
Dr Anu BASHAMBOO	France
Professor Rolf BECKER	Germany
Professor Rolf WEGNER	Germany
Dr Thomas LIEHR	Germany
Professor Hanna ROSENBAUM	Israel
Professor Anita RAUCH	Switzerland
Dr Radhakrishna UPPALA	Switzerland
Dr Jean-Louis BLOUIN	Switzerland
Professor Diana ANDERSON	United Kingdom
Mr Harsh SHETH	United Kingdom
Mr Jonathan O'HALLORAN	United Kingdom
Professor Peter HAMMOND	United Kingdom
Professor Sir John BURN	United Kingdom
Dr Dhvanit SHAH	USA
Professor Syed A HASHSHAM	USA
Dr Jheem MEDH	USA
Dr Priyabrata MUKHERJEE	USA
Dr Rheem MEDH	USA
Professor Virginia KIMONIS	USA
Dr Danny N. DHANASEKARAN	USA

National

Dr C ADITHAN
Dr Anurag AGRAWAL
Dr Sarita AGARWAL
Dr Praveer ASTHANA
Dr Avinash BAJAJ
Professor Rasheedunnisa BEGUM
Dr Dwaipayan BHARADWAJ
Dr Sunita BIJARNIA
Dr Rohit CARIAPPA
Dr Shantanu CHOWDHURY
Dr Roshan COLAH
Dr Ashwin DALAL
Dr Chaitanya DATAR
Professor Alok DHAWAN
Dr Ashish FAUZDAR
Dr Prakash GAMBHIR
Dr Sharad GOGATE
Dr Koumudi GODBOLE
Dr Sarita GUPTA
Dr Anil JALAN
Dr Madhulika KABRA
Dr Mahesh KAMATE
Dr Seema KAPOOR
Dr Satish KHADILKAR
Dr Prochi MADON
Dr Roli MATHUR
Professor Partha MAJUMDAR
Dr Rakesh K MISHRA
Dr Deepika MOHANTY
Dr Mamta MURANJAN
Dr Arijit MUKHOPADHYAY
Professor Harish PADH
Dr Shubha PHADKE
Dr Bhavana PRASHER
Dr Hema PURANDARE
Dr S RAMCHANDRAN
Dr V BABU RAO
Professor V R RAO
Dr Susanta ROYCHOUDHURY
Dr Debjani SAHA
Dr K SATYAMOORTHY
Dr Renu SAXENA
Dr Vinod SCARIA
Dr Chirag SHAH
Dr Frenny SHETH
Dr Jayesh SHETH
Dr Shrimati SHETTY
Dr Sridhar SIVASUBBU
Dr S SURESH
Dr Parag TAMHANKAR
Dr K THANGARAJ
Dr Ashok VAIDYA
Dr Rama VAIDYA
Dr Vidita VAIDYA
Dr Radha VENKATESAN
Dr Amar VERMA
Professor I C VERMA

Themes for Scientific Sessions

- Genetics of Complex Diseases: Diabetes and Cardiovascular Disorders
- Prenatal Diagnosis of Genetic Disorders: Indian Scenario
- Genetic Basis of Reproductive Diseases
- Human Chromosomal Disorders
- Single Gene Disorders
- Inherited Blood Disorders: Hemoglobinopathies
- Diagnosis and Therapeutic Approach of Lysosomal Storage Disorders
- Next Generation Sequencing
- Molecular Cytogenetics in Disease Diagnosis
- Array-CGH
- Epigenomics
- Inborn Errors of Metabolic Disorders
- Current Trends in Prenatal Screening of Genetic Disorders
- Cancer Genetics
- Stem Cell and ERT Therapeutics
- Genetics of Neurobiology
- Human Genome/Variome Project
- Significance of Pharmacogenomics in Clinical Research
- Gene Discovery: From Lab to Bedside
- Nanotechnology in Biomedical Research

Awards

- Young Scientist Awards By ISHG
- Best Poster Awards
- Young Scientist Travel Awards

***Conference organizer will appreciate more nomination for various awards at the time of abstract submission.**

Conference Program

Day 1 - 22nd January 2014	
12:00 am	**Conference Registration**
4:30 - 6:00 pm	Conference Inauguration: **Hon'ble Dr APJ Abdul Kalam,** Former President of India
6:30 pm Onwards	Dinner at AMA
Day 2 - 23rd January 2014	
	SYMPOSIUM HALL A
7.00 - 8.00 am	Registration & Breakfast
8:30 - 10:10 am	**Session I: Human Genome/Variom Project CHAIRPERSONS:- Dr Lalji Singh & Professor I C Verma**
8:30 - 8:55 am	Human Variome Project - Current Overview **- Dr Richard Cotton, Australia**
8:55 - 9:20 am	3D Facial Phenotyping - **Professor Peter Hammond, United Kingdom**
9:20 - 9:45 am	Identification of Novel Genes for Human Disease **- Dr Radhakrishna Uppala, Switzerland**
9:45 - 10:10 am	Deciphering the Basis of Genomic Variability through phenotype - phenotype links: A novel Ayurgenomics Approach **- Dr Bhavana Prasher**
10:15 - 10:45 am	**Keynote lecture - Dr Vishwa Mohan Katoch, Director General, ICMR**
	CHAIRPERSONS:- Dr Richard Cotton & Dr Partha Majumdar
10:45 - 11:00 am	**Tea**
11:00 - 1:05 pm	**Session III: Cancer Genetics CHAIRPERSONS:- Dr Shilin Shukla & Professor Sanjeev Misra**
11:00 - 11:25 am	Affordable Diagnosis and Prevention of Genetic Disease **- Professor Sir John Burn, United Kingdom**
11:25 - 11:50 am	An Empirical Assay for Assessing Genomic Sensitivity: Implications for Improving Cancer Diagnostics - **Professor Diana Anderson, United Kingdom**
11:50 - 12:15 pm	Mutational Landscape of Gingivo-Buccal Oral Cancer: New Cancer Genes and Molecular Subgroups Identified **- Professor Partha Majumdar**
12:15 - 12:40 pm	Functional Genomics of Lung Cancer Progression Reveals Mechanism of Metastasis Suppressor Function **- Dr Shantanu Chowdhury**
12:40 - 1:05 pm	Non-Coding RNA Regulation of Blood Vessel Development in Zebra Fish and Relevance to Humans **- Dr Sridhar Sivasubbu**
1.00 - 2.00 pm	**Lunch**
2.00 - 3.00 pm	**Free Paper Session Free Paper Session (HALL A) / Poster Presentation (HALL C) CHAIRPERSON:- Dr Shalmi Mehta & Dr Prakash Gambhir**
2:00 - 2:15 pm	A Poisson Regression Model For Association Mapping Of Count Phenotypes **- Saurabh Ghosh, India**
2:15 - 2:30 pm	Therapeutic potential of Histone Deacetylase Inhibitor for treatment of Niemann-Pick type C1 Disease **- Nina H. Pipalia, USA**
2:30 - 2:45 pm	Genetics of Autism Spectrum Disorder & BDNF Gene **- Dr Usha P. Dave, India**
2:45 - 3:00 pm	Identification and Clinical Evaluation of Segments of Homozygosity, Uniparental Disomy and Complex Chromosomal Abnormalities Revealed by Copy-Number SNP Arrays **- Trilochan Sahoo, USA**
3.00 - 4.45 pm	**Session V: Current Trends in Prenatal Screening of Genetic Disorders CHAIRPERSONS:- Dr Jigish Trivedi & Dr Mayank Chowdhury**
3:00 - 3:30 pm	Non-invasive Prenatal Diagnosis using Massively Parallel Sequencing - First Experience in Germany **- Professor Rolf-Dieter Wegner, Germany**
3:30 - 3:50 pm	Basic Principles of Prenatal Screening for Aneuploidies **- Dr Prakash Gambhir**
3:50 - 4:10 pm	Fetal Medicine: Multispeciality approach **- Dr Sharad Gogate**
4:10 - 4:30 pm	Prenatal Screening for Mendelian Disorders in Antenatal Care **- Dr Amar Verma**
4:30 - 4:45 pm	Non-invasive prenatal testing, a better option for patients **- Dr Ashish Fauzdar**
4:45 - 5:00 pm	**Tea**
5:00 - 6:15 pm	**Session VII: Genetic Basis of Reproductive Disorders CHAIRPERSONS:- Dr Manish Banker & Dr Prashant Acharya**
5:00 - 5:25 pm	Exome Sequencing Reveals Novel Genetic Causes of Human Infertility **- Dr Anu Bashamboo, France**
5:25 - 5:50 pm	Micro-deletion of Y Chromosome: Indian Scenario **- Dr K Thangaraj**
5:50 - 6:15 pm	Fertility Options for Women with Cytogenetic Infertility **- Dr Rama Vaidya**
7.00 pm Onwrds	**Conference Dinner at AMA**
	SYMPOSIUM HALL B
8:00 - 10:05 am	**Session II: Complex Diseases: Diabetes and Cardiovascular Disorders CHAIRPERSONS:- Dr Premal Thakore & Professor Rolf-Dieter Wegner**
8:00 - 8:25 am	Genetic of Type 2 Diabetes **- Dr Dwaipayan Bharadwaj**
8:25 - 8:50 am	Is it time to take Genomics to the Diabetic Clinics? **- Dr Radha Venkatesan**
8:50 - 9:15 am	Prakruti Genomics and Prameha-Proclivity: Relevance to Metabolic Syndrome **- Dr Ashok Vaidya**
9:15 - 9:40 am	Next Generation Diagnostics on Cardiomyopathy **- Dr Jean-Louis Blouin, Switzerland**
9:40 - 10:05 am	Genetics of cardiovascular disorders: Influence of maternal nutrition **- Professor Sukhinder Kaur Cheema, Canada**
10.45 - 11.00 am	**Tea**
11.00 - 12.45 pm	**Session IV: Molecular Cytogenetics in Disease Diagnosis CHAIRPERSONS:- Dr Sheela Nampoothiri & Dr Ken McElreavey**
11:00 - 11:30 am	Small Supernumerary Marker Chromosomes – An Update **- Dr Thomas Liehr, Germany**
11:30 - 11:55 am	Molecular Cytogenetics in Intellectual Disabilities **- Dr Madhulika Kabra**
11:55 - 12:20 pm	Molecular Cytogenetic Characterization of Chromosomal Rearrangements - Utility in Genetic Counseling and Research **- Dr Ashwin Dalal**
12:20 - 12:45 pm	Micro-deletion Syndromes **- Dr Chaitanya Datar**
1.00 - 2.00 pm	**Lunch**

3.00 - 4.40 pm	**Session VI - Single Gene Disorders CHAIRPERSONS:- Dr Harshuti Shah & Dr Raju C Shah**
3:00 - 3:25 pm	Single Gene Disorders: Indian Scenario - **Professor I C Verma**
3:25 - 3:50 pm	DMD - Diagnosis and Management Challenges - **Dr Satish Khadilkar**
3:50 - 4:15 pm	Mutation Spectrum of Cystic Fibrosis in India - **Dr Renu Saxena**
4:15 - 4:40 pm	Molecular Diagnosis for Genodermatosis - **Dr Parag Tamhankar**
4:45 - 5.00 pm	**Tea**
5.00 - 6.40 pm	**Session VIII: Epigenomics CHAIRPERSONS:- Dr G R Chandak & Dr Mitali Mukherji**
5:00 - 5:20 pm	Uniparental Disomy - Clinical Consequences due to Imprinting and Activation of Recessive Genes **- Dr Thomas Liehr, Germany**
5:20 - 5:40 pm	Epigenetic Alterations during Cervical Cancer Progression **- Dr K Satyamoorthy**
5:40 - 6:00 pm	In search of Epi-driver Genes in Head and Neck Cancer **- Dr Susanta Roychoudhury**
6:00 - 6:20 pm	Birth Defects: Etiology to Prevention **- Dr Koumudi Godbole**
6:20 - 6:40 pm	Genomic packaging and epigenetic regulation of genes **- Dr Rakesh Mishra**
7.00 pm Onwards	**Conference Dinner at AMA**
	HALL C / HALL D
2.00 - 3.00 pm	**Poster presentations HALL C**
5.00 - 6.30 pm	**WORKSHOP -** PCR Based Strategies for Genetic Testing. **(Hall D)** **Workshop Faculty: Dr Jean-Louis Blouin (Switzerland) & Dr Parag Tamhankar (India)** **Coordinator : Mehul Mistry, Harsh Sheth, Avisek Mazumdar & Chitra Ankleswaria**

Day 3 - 24th January 2014

	SYMPOSIUM HALL A
7.00 - 8.00 am	Registration & Breakfast
8:00 - 9:50 am	**Session IX: Next Generation Sequencing CHAIRPERSONS:- Dr Shubha Phadke & Professor Virginia Kimonis**
8:00 - 8:30 am	Non Syndromic Sporadic Intellectual Disability: An Exome Sequencing Study Our experience **- Professor Anita Rauch, Switzerland**
8:30 - 9:00 am	New Paradigms in Whole Genome Sequencing: from Lab Bench to Cell Phone **- Jonathan O'Halloran, United Kingdom**
9:00 - 9:25 am	From Personal Genomes to Precision Medicine **- Dr Vinod Scaria**
9:25 - 9:50 am	Exome Sequencing Applied to Disorders of Sex Development (DSDh) **- Professor Kenneth McElreavey, France**
9:55 -10:15 am	**Tea**
10.15 - 12.15 pm	**Session XI: Array-CGH CHAIRPERSONS:- Dr Anaita Hegde & Dr Suresh Amin**
10:15 - 10:40 am	The Advantages of SNP Arrays over CGH Arrays **- Dr Boris Keren, France**
10:45 - 11:05 am	Cytogenetic Microarray in Prenatal and Postnatal Diagnosis **- Dr Shubha Phadke**
11:05 - 11:25 am	Genomic Copy Number Variations in Glaucomatous Neurodegeneration **- Dr Arijit Mukhopadhyay**
11:25 - 11:55 am	Clinical Utility and Dilemmas of SNP Microarray Testing **- Professor Virginia Kimonis, USA**
11:55 - 12:15 pm	Detection and Inheritance Pattern of CNVs in MCA **- Dr Frenny Sheth**
12:15 - 1:00 pm	**Keynote lecture -System Biology Platform for Genome Sequence to Novel Drug Target Identification -** **Prof Samir Brahmachari, Director General, CSIR CHAIRPERSONS:- Prof Sir John Burn & Dr Ashok Vaidya**
1.00 - 2.00 pm	**Lunch**
2.00 - 3.00 pm	**Free Paper Session(HALL A)/ Poster Presentation (Hall C) CHAIRPERSON:- Dr Bipin Shah & Darshna Naik**
2:00 - 2:15 pm	Utility of CD-138 Negative Fraction for Chromosome Analysis in Plasma Cell Dyscrasias (PCD): A Novel Approach **- Dr Gopalrao Velagaleti**
2:15 - 2:30 pm	Prenatal Screening above aneuploidies : Pre-Eclampsia **- Dr Gurjit Kaur**
2:30 - 2:45 pm	Suspected Microdeletion Syndromes and Molecular Cytogenetic Techniques: An Experience with 330 Cases **- Dr Asutosh Halder**
2:45 - 3:00 pm	Molecular Characterization of Mutations in Galactosemia Genes: Structural and Functional Implications **- Rejendra Prasad**
3:00 - 4:50 pm	**Session XIII: Inborn Errors of Metabolic Disorders CHAIRPERSONS:- Dr Parag Dagli & Dr Radha Rama Devi**
3:00 - 3:30 pm	Dysmorphology of Inborn Errors of Metabolism **- Professor Virginia Kimonis, USA**
3:30 - 3:50 pm	New Born Screening Program in India: ICMR Multicentric Experience **- Dr Roli Mathur**
3:50 - 4:10 pm	Application of Tandem Mass Screening in IEM **- Dr Rohit Cariappa**
4:10 - 4:30 pm	National Newborn Screening the Road Map **- Dr Seema Kapoor**
4:30 - 4:50 pm	Treatment of Inborn Error of Metabolism **- Dr Anil Jalan**
5:00 - 5:15 pm	**Tea**
5:15 - 6:30 pm	**Session XV: Human Chromosomal Disorders CHAIRPERSONS:- Dr Balraj Mittal & Dr Thomas Liehr**
5:15 - 5:40 pm	Chromosomal Instability and Molecular Mutations in Multi Spectrum Disease of Fanconi Anemia **- Dr V Babu Rao**
5:40 - 6:05 pm	Delivery of Genetic services in Rural India**- Dr Hema Purandare**
6:05 - 6:30 pm	Illumina : Integrating Technologies to Provide Clinically Meaningful Solutions **- Dr Debjani Saha**
6:30 pm Onwards	**Conference Dinner / Entertainment Program at VISHALLA**

SYMPOSIUM HALL B	
8:00 - 9:45 am	**Session X: Diagnosis & Therapeutic Approach of Lysosomal Storage Disorders CHAIRPERSONS:- Dr Ratna Puri & Dr Inusha Panigrahi**
8:00 - 8:30 am	Diagnosis and Management of Lysosomal Storage Disorders: Gaucher Experience in Israel - **Professor Hanna Rosenbaum, Israel**
8:30 - 8:55 am	ERT for Lysosomal storage disorders: Our Experience in India - **Dr Mamta Muranjan**
8:55 - 9:20 am	Mucopolysaccharidosis: Diagnosis to Therapeutics - **Dr Sunita Bijarnia**
9:20 - 9:45 am	Molecular Study of GM2 Gangliosidosis and Gaucher Disease in India - **Dr Jayesh Sheth**
9.55 - 10.15 am	**Tea**
10:15 - 11:35 am	**Session XII: Genetics of Neurobiology CHAIRPERSONS:- Dr Rashid Merchant & Dr Sudhir Shah**
10:15 - 10:45 am	Neuroferritinopathy: Iron in the Brain - **Professor Sir John Burn, United Kingdom**
10:45 - 11:10 am	Clinical Aspects of Neuroregression: Our Experience on Batten disease - **Dr Mahesh Kamate**
11:10 - 11:35 am	Early Life History the Programming of Adult Behavior - **Dr Vidita Vaidya**
1.00 - 2.00 pm	**Lunch**
3:00 - 4:50 pm	**Session XIV: Inherited Blood Disorders: Hemoglobinopathies CHAIRPERSONS:- Dr K Ghosh & Dr Nidhish Nanavaty**
3:00 - 3:30 pm	New Genes and Mechanism Regulating Blood Formation - **Dr Dhvanit Shah, USA**
3:30 - 3:50 pm	Thalassemia-Can We Reduce the National Burden? - **Dr Roshan Colah**
3:50 - 4:10 pm	Hemophilia - Diagnosis and Management Challenges - **Dr Shrimati Shetty**
4:10 - 4:30 pm	Current Status of Sickle Cell Disease in India - How Can You Attenuate? - **Dr Dipika Mohanthy**
4:30 - 4:50 pm	Community Genetic Approaches in the Prevention of β-Thalassemia - **Dr V R Rao**
5:00 - 5.15 pm	**Tea**
5:15 - 6:30 pm	**Session XVI: Nanotechnology in Biomedical Research CHAIRPERSONS:- Professor Alok Dhawan & Professor Diana Anderson**
5:15 -5:40 pm	Self-Therapeutic Nanoparticle - **Dr Priyabrata Mukherjee, USA**
5:40 - 6:05 pm	Nano Mission Programmes - **Dr Praveer Asthana**
6:05 - 6:30 pm	Unlocking the Chemistry of Bile Acids for Cancer Therapeutics - **Dr Avinash Bajaj**
	HALL C / Hall D
2.00 - 3.00 pm	Poster presentation
3.00 - 4.00 pm	General Body Meeting
5.00 - 6.30 pm	**WORKSHOP -** NASI Student - Teacher interaction program **(HALL D)**
	Workshop Coordinator - Dr G R Chandak, Dr Mitali Mukerji & Professor Alok Dhawan
	Workshop Faculty - Professor Sir John Burn, Dr Thomas Liehr, Dr Sheela Nampoothiri, Professor Harish Padh, Dr Kenneth McElreavey, Mr Jonathan O'Halloran, Dr Dhvanit Shah & Professor I C Verma
6:30 Onwards	Conference Dinner / Entertainment Program at VISHALLA

Day 4 - 25th January 2014

SYMPOSIUM HALL A	
7:00 - 8:30 am	Registration & Breakfast
8:30 - 10:30 am	ISHG Young Scientist Awards & Lecture **CHAIRPERSONS:- Dr K Thangaraj & Dr Q Annie Hasan**
	Invited Guest : Mr Pankaj Patel (Chairman and Managing Director - Zydus Cadila & Patron – ISHG2014 Conference)
11:00 - 11:15 am	**Tea**
11:15 - 12:55 pm	**Session XVII: Pre-implantation and Prenatal Diagnosis of Genetic Disorders: Indian Scenario CHAIRPERSONS:- Dr Atul Munshi & Dr Bindu Shah**
11:15 - 11:40 am	Pre-implantation Diagnosis in Cases of Parental Chromosomal Translocations Applying Array-CGH - **Professor Rolf-Dieter Wegner, Germany**
11:40 - 12:05 pm	Challenges of Prenatal and Pre-implantation Genetic Diagnosis Studies - **Dr Prochi Madon**
12:05 -12:30 pm	Role of USG in the Prenatal Diagnosis of Genetic Disorders - **Dr S Suresh**
12:30 - 12:55 pm	Consanguinity and Perinatal Medicine - The Berlin Perspective - **Professor Rolf Becker, Germany**
1:00 - 2:00 pm	**Lunch**

2:00 - 3:20 pm	**Session XIX: Gene Discovery - Translational Research from Bench to Bedside**
	CHAIRPERSONS:- Dr Amit Chakravarty & Dr Madhulika Kabra
2:00 - 2:25 pm	Digital Health, Micro Fluidics and Genetic Testing **- Professor Syed Hashsham, USA**
2:25 - 2:50 pm	G protein Signaling in Tumor Cell growth and Metastasis **- Dr Danny N. Dhanasekaran, USA**
2:50 - 3:10 pm	Vitiligo: A complex Disease and a Complex Approach **- Professor Rasheedunnisa Begum**
3.10 - 3.30 pm	STR Markers in Clinics : A Rapid Prenatal Diagnosis by QF-PCR for Aneuploidies **- Dr Sarita Agarwal**
3.30 - 4.30 pm	**Valedictory Function (Hall A)**
4:30 pm Onwards	**Tea**
	SYMPOSIUM HALL B
11:15 - 12:30 pm	**Session XVIII: Significance of Pharmacogenomics in Clinical Research CHAIRPERSONS:- Professor R K Goyal & Dr Navneet Shah**
11:15 - 11:40 am	Newer Vistas of Pharmacogenomics **- Professor Harish Padh**
11:40 - 12:05 am	Pharmacogenomics of Cardiovascular Drugs **- Dr C Adithan**
12:05 - 12:30 am	Point of Care Testing for Improving Risk-Benefit Ratio of Aspirin and Warfarin **- Harsh Sheth, United Kingdom**
1.00 - 2.00 pm	**Lunch**
2:00 - 3:15 pm	**Session XX: Stem Cell and ERT Therapeutics CHAIRPERSONS:- Dr Hanna Rosenbaum & Dr Vineet Mishra**
2:00 - 2:25 pm	Mitochondrial Donation by Stem Cells: Potential for Novel Therapeutics **- Dr Anurag Agrawal**
2:25 - 2:50 pm	Stem Cell Transplantation: Our Experience at Apollo Group of hospitals **- Dr Chirag Shah**
2:50 - 3:15 pm	Perspective of Stem Cell Research and Therapy in Diabetes **- Dr Sarita Gupta**
4:30 pm Onwards	**Tea**

Workshop

Hands on workshops

Indo-German Workshop on Molecular Cytogenetics / Fluorescence *In Situ* Hybridization (FISH): Utility in clinical setting.
Dr Thomas Liehr (Germany) and Dr Frenny Sheth (FRIGE-IHG)
Date: 21st-22nd January, 2014 [10.00am-4.00pm]
Venue: FRIGE's Institute of Human Genetics, FRIGE House,
Satellite, Ahmedabad-380015.

Flow Cytometry
Professor Alok Dhawan & Dr Asutosh Kumar (ILS-Ahmedabad University)
Date: 21st-22nd January, 2014 [10.00am-4.00pm]
Venue: Institute of Life Sciences, Ahmedabad University,
University Road, Ahmedabad-380009.

Interactive workshops

Array-Comparative Genomic Hybridization (aCGH): Quantitative methods in biological data analysis
Professor Syed A Hashsham (USA)
Date: 22nd January, 2014 [10.00am-3.00pm]
Venue: Institute of Life Sciences, Ahmedabad University, University Road, Ahmedabad-380009.

PCR based strategies for genetic testing
Workshop Faculty: Dr Jean-Louis Blouin (Switzerland) & Dr Parag Tamhankar (India)
Coordinator: Mehul Mistry, Harsh Sheth, Avisek Mazumdar & Chitra Ankleswaria
Date: 23rd January, 2014 [5.00 - 6.30pm]
Venue: AMA, Vikram Sarabhai Marg, ATIRA Campus, Ahmedabad-380009ad-380009.

NASI Student - Teacher interaction program
Coordinator: Dr G R Chandak (CSIR- CCMB, Hyderabad) and Dr Mitali Mukerji (CSIR- IGIB, New Delhi)
Panelist: Dr Thomas Liehr (Germany), Dr Kenneth McElreavey (France), Dr Dhvanit Shah (USA),Dr Sheela Nampoothiri, Professor Harish Padh, Professor I C Verma (India) & Professor Sir John Burn (UK)
Date: 24th January, 2014 [6.30 - 8.00pm]
Venue: AMA, Vikram Sarabhai Marg, ATIRA Campus, Ahmedabad-380009.

International Conference on Human Genetics & 39th Annual Meeting of Indian Society of Human Genetics

22nd - 25th January, 2014 | Ahmedabad

Organized by:
Foundation for Research In Genetics & Endocrinology [FRIGE] - IHG &
Institute of Life Sciences [ILS] - Ahmedabad University, Ahmedabad

Registration Form

Personal Details :

Membership No. _____

Name : _____

Address : _____

_____

Phone : (O) _____ Mobile : _____

Email : _____ Qualification/Degree : _____

If student: - Name of Institution & Address : _____

_____

Department : _____

Name of HOD : _____

Contact of HOD : (O) _____ Mobile : _____

Presenting Papers ☐ Yes ☐ No

Registration Fees:

ISHG2014 conference is accredited for CME credit point by the Gujarat Medical Council

Status	Early Bird Registration (Up to 15th Oct 2013)	Late Registration (16th Oct 2013 to 15th Jan 2014)	Spot Registration
ISHG Members	☐ ₹ 4,000	☐ ₹ 4,500	☐ ₹ 5,000
Non-ISHG Members	☐ ₹ 4,500	☐ ₹ 5,000	☐ ₹ 5,500
Ph.D. Students* (Ph.D. & M.D.)	☐ ₹ 3,000	☐ ₹ 3,500	☐ ₹ 4,000
Science Students* (B.Sc. & M.Sc.)	☐ ₹ 2,000	☐ ₹ 2,500	☐ ₹ 3,000
International Delegates	☐ $ 125	☐ $ 150	☐ $ 175
Hands on workshop on FISH	₹ 8,000 (USD 200) **(No Seat Available)**		
Worskshop on Flow Cytometry	☐ ₹ 5,000 (USD 125)	☐ ₹ 5,000 (USD 125)	☐ ₹ 5,000 (USD 125)
Array-Comparative Genomic Hybridization (aCGH): Quantitative methods in biological data analysis	☐ ₹ 1000 (USD 30)	☐ ₹ 1000 (USD 30)	☐ ₹ 1000 (USD 30)
Workshop on PCR-based strategies for Genetic Testing	₹ 250 **(No Seat Available)**		
Workshop on NASI Student-Teacher Interaction Program**	Free Registration **(No Seat Available)**		
Single day registration ☐ 23rd Jan ☐ 24th Jan ☐ 25th Jan	₹ 2000		

***In case of students, authentication letter from Head of Department is required.**
****Student-Teacher Interaction Program subject to Conference Registration & Separate registration required.**

Mode of Payment :

Total Amount _____
In Words _____
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1. Bank Transfer:

Bank Name : **Bank of India**
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Account Number : **203610110004188**
IFSC Code : **BKID0002036**
MICR Code : **380013011**
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2. DD should be in favor of "**ISHG2014**" payable at Ahmedabad and send at the following address: **Foundation for Research in Genetics & Endocrinology [FRIGE] - IHG**
FRIGE House, Jodhpur Gam Road, Satellite, Ahmedabad 380015, Gujarat.

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Signature:_____

Congress Secretariat :

Foundation for Research in Genetics & Endocrinology [FRIGE] - IHG
FRIGE House, Jodhpur Gam Road, Satellite, Ahmedabad 380015, Gujarat.
Email: secretariat@ishg2014.org
Tel: +91-79-26921414 / +91-79-26302414
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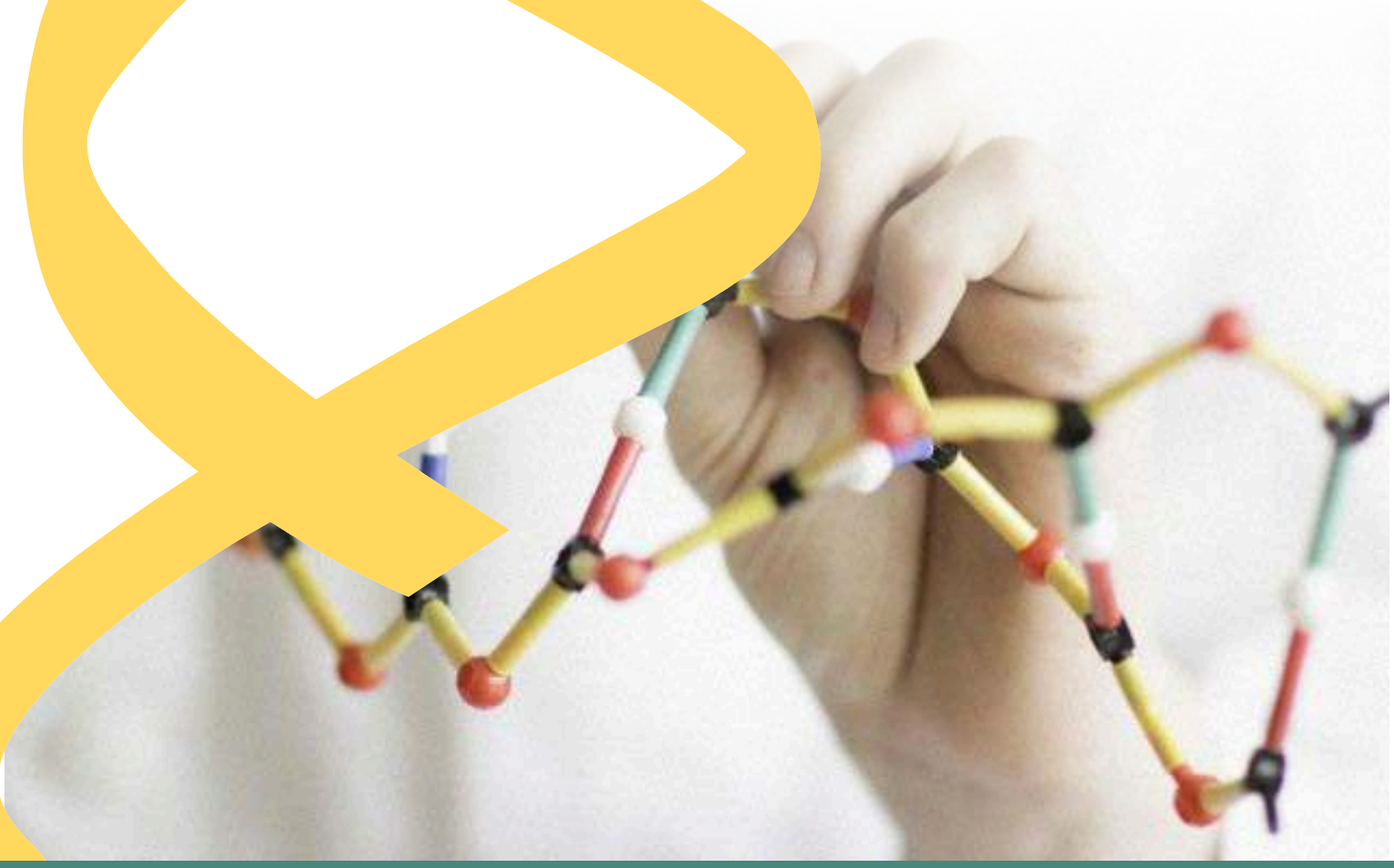
About Ahmedabad

Ahmedabad city in western India was founded in the 15th century. It is the former capital of Gujarat and is the seventh largest city of India. It is located on the banks of the River Sabarmati. It is a bustling metropolis with beautiful classical and colonial European styled buildings, lining the city's thoroughfares. The city established itself as the home of a booming textile industry, which earned it the nickname "Manchester of India". Ahmedabad is the hub of education and pharma industries. Ahmedabad remains the cultural and commercial heart of Gujarat and much of the western India. Moreover, the old and the new city of Ahmedabad offers different moods right from the hustle-bustle of C.G. Road in the heart of the city to a quiet retreat of the Sabarmati riverfront and Gandhi Ashram.

Venue

Ahmedabad Management Association (AMA)
ATIRA Campus, Dr. Vikram Sarabhai Marg,
Ahmedabad-380015, Gujarat, INDIA



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