"Genomics transforming Clinical Practice"
Green Park Hotel, Begumpet, Hyderabad, India
July 5th & 6th, 2019

The Human Genome Project was one of the major scientific breakthroughs seen in the last 50 years. The knowledge of genes, their variants and their role in diseases has led to a new approach for the diagnosis, management and treatment of a disease. The Genomic Medicine has strengthened the hands of our clinicians for the benefit of patients.

Genomics is rapidly transforming clinical practice, and its implementation has made a significant difference in current day healthcare. Until a few years back, genomic sequencing was restricted to the research environment. Now, it is increasingly used in diagnostics, and over the next 5 years, genomic data from over 60 million patients is expected to be generated within the healthcare setting.

Genomic sequencing plays a major role in the diagnosis and management of diseases in various disciplines such as prenatal, pediatrics, neurology, orthopedics, nephrology, gynaecology, general medicine, cardiology etc. Genomics also plays a significant role in oncology wherein it is routinely used for the stratification of cancer, identification of suitable chemotherapeutic drugs for treatment and presence of hereditary cancer syndromes in the family. Genomic medicine also forms the basis of Precision Medicine and allows the clinicians to make informed medical decisions about treatment of their patients.

"Genomics transforming Clinical Practice" Conference aims to bring experts of different areas of clinical genetics under one roof. The participants will have a first hand experience of interacting with experts in the different areas of genetics. Each session will include lectures by pioneers in the field, translational Researchers Clinicians, Geneticists and Genetic Counselors, as well as, panel discussions to generate interaction.

The Conference is limited to 150 participants, hence you are encouraged to indicate your interest immediately by email to reserve your spot at bgcseminar2019@gmail.com

The Conference Registration Fee is Rs 5000/- per person
BGC members will get a 50% Discount when they apply with their membership Number.
"Genomics transforming Clinical Practice"

5th -6th July, 2019, Hotel Greenpark, Begumpet Hyderbad, India.

5th July 2019 - Day One

8.00-9.00 - Registration
9.00-9.30 - Inaugural

Lighting of the Lamp

Welcome & Brief Mission and Vision of the BGC - I
Dr Q Annie Hasan, President BGC - I

Vote of Thanks - Dr BR. Lakshmi, Vice President, BGC-I

9.30-10.30 - Chairperson - Dr. Lakshmi & Dr. Hema Purandarey

Keynote Address "Genome and Microbiome in Health and Disease"

Prof. (Dr.) Seyed Ehtesham Hasnain

Vice-Chancellor, Jamia Hamdard and Professor, Jamia Hamdard-Institute of Molecular Medicine. New Delhi

10.30 -11.00 - Personal genomes to precision medicine for rare genetic diseases in India

Dr. Sridhar Sivasubbu

Principal Scientist CSIR-Institute of Genomics and Integrative Biology (IGIB), Delhi
11-11.30 - Tea

Chairperson - Dr. Vasundhara Kamineni & Dr. Lakshmi Rao

11.30-12.15 - Stem cells in development and disease: myths realities and the path forward
Dr. Jyotsna Dhawan
Emeritus Scientist CCMB, Hyderab (Former Dean InStem, Bangalore)

12.15- 12.30 Stem cells in regenerative therapy
Dr. Krishna Subramayam Panna
Senior Consultant, Department of Orthopedics, Yashoda Hospitals, Hyderabad

12.30-12.45 – Community cord blood banking – A paradigm shift
Dr. V Deepak
Product Quality and Training, Lifecell International

12.45-13.15 Panel - All above 5
Moderator - Dr. Subhadra Poornima

13.15 - 14.15 Lunch

Chairperson - Dr BR Lakshmi & Dr. Parveen Jahan

14.15 -14.45 Psychosocial aspects of learning disabilities
Ms. Farida Raj
Special Educator & Counsellor,
Director, Centre of Special Special Education.
Professional Affiliations: RCI, IGNOU, NIMH, EFLU

14.45-15.15 Supervision Model for Practicing Genetic Counsellors
Niby J Elackatt
Manager- Counselling Operations & Education, Compass Genetics, Singapore.

15.15.-15.45 - Panel - Above 4

Moderator - Suraj Manikandan

15.45 - 16.00 Tea

16.00 - 17.00 Education and Training for Genetic Counselors - Way Forward

Co-ordinated by Level II Counselors
Moderator - Pooja Rayasam
6th July 2019 - Day Two
9.00-11.00 - Chairperson-Dr. Prakash Babu & Dr. Prashant Utage
9.00-9.45 - Neurodegenerative diseases - testing and counseling
Prof B K Thelma
Professor, Department of Genetics, Delhi University, New Delhi
9.45-10.15 Neurogenetics in the NGS era
Dr. Ashwin Dalal
Group Leader, Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad
10.15 - 10.45 Genetic counseling in prenatal diagnosis
Dr. Beena Suresh
Consultant Geneticist, MediScan Systems, Chennai
10.45-11.15 - Panel above 5
Moderator - Ms. Areeba Khan
11.15 - 11.45 - Tea
Chairpersons - Dr. M Srinivas & Dr. Prochi Madon
Dr. Nirmala D. Sirisena
Clinical Geneticist/Senior Lecturer, Human Genetics Unit, Faculty of Medicine, University of Colombo, Sri Lanka
12.15 - 12.45 Python programming: Precision medicine made easy for cancer
Dr. Siddharth Srivastava
Chief Scientist (Molecular Oncology, Neuberg Center for Genomic Medicine.
12.45-13.15 - Panel above 4
Moderator - Akhilesh Pujar
13.15 - 13.30 Valedictory - Summing up and way forward - Dr Deepali Kapoor
Certificates & Lunch
13.30 - 14.00 Annual General Body Meeting for Members
"Genomics transforming Clinical Practice"
Green Park Hotel, Begumpet, Hyderabad, India
July 5\textsuperscript{th} & 6\textsuperscript{th}, 2019
REGISTRATION FORM

Name - (with title) :

Date of Birth :

Country of Residence :

Designation / Position :

Institution :

Institution Address :

Phone Number :

Email Address :

Photo ID / BGCI Registration No. :

Payment Reference ID:

Accommodation at the venue will be provided at a discounted rate - in addition to the registration fee. Kindly contact bgcseminar2019@gmail.com

Bank account details for RTGS
Account Name: BOARD OF GENETIC COUNSELING(BGC)
AccountNo: 7511592314
Account Type: Savings Account
IFSC Code: KKBK0000555
Branch Name: Kotak Mahindra Bank, Himayath Nagar Branch, Hyderabad, India
Branch Code : 555