Old Airport Road - Bengaluru

HOD & Consultant - Medical Genetics

Qualification

MBBS -University of Mumbai | MSc (Medical Genetics) - University Of Glasgow, UK | PhD (Medical Genetics) - MAHE, Manipal

Fellowship & Membership

- Short term Fellowship-Medical Genetics, York Hill Hospital, Glasgow, U.K.
- Indian Society of Human Genetics (ISHG).
- Indian Academy of Paediatrics-Genetics Specialty Chapter.
- Bangalore Society of Obstetrics & Gynaecology.
- Indian Society of Inborn Errors of Metabolism.
- Indian Society of Prenatal Diagnosis & Therapy.

Field of Expertise

- Over 16 years of extensive experience in the field of Medical Genetics Prenatal diagnosis & Genetic counseling
- Genetic diagnosis of Down syndrome, Autism, β-Thalassemia, Haemophilia, Duchenne muscular dystrophy (DMD) & Spinal muscular atrophy (SMA) etc.
- Genetic counseling in consanguinity, recurrent abortions, Infertility, Pre- implantation Genetic Screening Test (PGT), Non-Invasive Prenatal Screening (NIPT/NIPS)
- Expertise in Karyotyping, FISH study, Double/Quadruple study, Chromosomal Microarray & Next Generation Sequencing (NGS)
- Risk assessment in hereditary cancer disorders like Breast & Ovarian cancer

Languages Spoken

- English
- Hindi
- Kannada
- Tulu

Awards & Achievements

- Faculty for a Certificate course in Genetic Counselling (MAHE).
- Recognized Guide for PhD in Manipal Academy of Higher Education (MAHE).
- Guided PhD, M.Phil & MSc students & trained students for Genetic counselling.
- Received IBM Sponsorship of CAS Project expenses towards clinical research.
- Conducted a public awareness program on World Thalassemia Day (May 18) & World Down syndrome day (Mar 19).
- Organized CME on “Integrating Genomics into Clinical Practice” (Jul 18) & “Autism awareness day” (Apr 19).

- Published papers in National & International journal & CHAPTER IN BOOK-“Genetics in Congenital Heart Disease” In “A Comprehensive Approach to Congenital Heart Disease (A Lifelong Odyssey)” Jaypee brothers, ISBN 978-93-5090-267-7

Talks & Publications

- Hereditary Cancer Syndrome” 6th National Level Conference of Association of Medical Biochemists Karnataka Chapter in AMBKCCON-2019, Mysore, Sep 19
- Genetic Counseling with Interesting Case scenarios” in 4th Annual conference of 3MGM2019, Chennai, Sep 19
- Lessons learned from Exome Sequencing & Cell-Free DNA” in Essential of Genetics in Obstetric Practice organized by Society of Maternal Fetal Medicine, Bangalore, Dec 18.
- Prenatal genetic diagnosis: medical facts about the diagnosis, the probable course of the disorder, and available management” in the Genetics Workshop organized by NIMHANS, Apr 18.
- Genetic Counseling Training with special emphasis on Prenatal, Postnatal Diagnosis & Reproductive Genetics” conducted at Ramaiah Medical College, Feb 18.
- Indications & counselling for PGD & PGS” in the PGS workshop at IAEHC, Dr. Sulochana Gunasheela Memorial Conference, Oct 17.
- Genetics of Recurrent Implantation Failures & Recurrent Pregnancy loss” Organized by Milann IVF centre Jun 17.
- GENES AS TARGET IN CANCER” in Pharmacogenomics, SDUMC, Kolar, Aug 16.
- Biochemical Screening in Pregnancy” in CME on ‘‘Laboratories’ Perspective on Women’s Health” organized by St. John’s Medical College & RGUHS, Nov 15.
- Shetty, M., Balakrishna, S. & Hegde, S. Inadequate Pre-conception Counseling is a Major Challenge for Antenatal Management of β-Thalassemia: Experience from a Referral Centre in India. Indian J Hematol Blood Transfus (2019) doi:10.1007/s12288-019-01206-6- Click Here
- A novel de novo heterozygous deletion at 13q14.2-q21.1 in two siblings with mild intellectual disability Click Here
- A Homozygous Missense Variant in INPP5E Associated with Joubert Syndrome and Related Disorders Click Here
- Pre- and Postnatal Diagnosis of 10p14 Deletion and 22q11.2 Deletion Syndrome and Significance of Non-Cardiac Markers. Click Here
- Pre- and Postnatal Diagnosis of 5q35.1 and 8p23.1 Deletion in Congenital Heart Disease. Click Here
- Freeman- Sheldon syndrome-Prenatal & Postnatal diagnosis Click Here
- Novel Glioblastoma Markers with Diagnostic and Prognostic Value Identified through Transcriptome Analysis. Click Here
- Upregulation of ASCL1 and inhibition of Notch signaling Pathway characterize Progressive Astrocytoma Click Here
- CHAPTER IN BOOK-Genetics in Congenital Heart Disease In A Comprehensive Approach to Congenital Heart Disease (A Lifelong Odyssey) Click Here
- Hereditary Cancer Syndrome” 6th National Level Conference of Association of Medical Biochemists Karnataka Chapter in AMBKCCON-2019, Mysore, Sep 19
- Genetic Counseling with Interesting Case scenarios” in 4th Annual conference of 3MGM2019, Chennai, Sep 19
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