



2nd Hands-On Training Program

“Medical Genomics”

Jointly organized by

Sapthagiri Institute of Medical Sciences and Research Centre

And

Bengaluru Genomics Centre (BGC)

August 28 – August 31, 2019



reach@bgc-genomics.com

BGC: +91-7259674261

“Bringing the Experts from Medicine, Genomics and Computer Science” “Special Counselling on Career & Research in medical Genomics”

simsrccgenetics@gmail.com

SIMSRC: +91-9980485707

Chief Patrons:

- Shri. G Dayanand, Chairman, SIMS&RC
- Shri. GD Manoj, Director, SIMS&RC

Patron:

- Dr. Jayanthi V, Dean, SIMS&RC

Chief Mentor & Tutor of the Programme:

- Dr. Malali Gowda, Director, Bengaluru Genomics Center & Professor, The University of Trans Disciplinary Health Sciences and Technology

Program Directors:

- Dr. Pruthvi Chakravarthi T, CEO, Bengaluru Genomics Center
- Dr. Leelavathy N, Professor, SIMS&RC

Theme:

The recent advancements in genomics and bioinformatics has revolutionized the field of medical sciences. this has led to the development of various applications to dissect genome, metagenome, transcriptome and epigenome of humans, animals, fungi, bacteria and viruses. Today’s scenario in Medical science is that any organism can be sequenced, either cultivable or non-culturable organisms. There is an urgent need in the industry and the academia for trained, skilled and committed Doctors and medical staff; to take up research or diagnostics related to human diseases and genomics. BGC and SIMSRC are jointly aimed to train all medical staff and students in the area of genomics, and bioinformatics.

Objectives:

- 1.To train skilled human resources towards rapidly evolving Industry in the area of genomics and bioinformatics
2. To ignite medical genomics research, education and handle big data analysis

Target Audience:

All stream of Medical sciences, Ayurveda/AYUSH, Life sciences, Pharmacy, Nursing and Computer science.

Day	Schedule
28.08.2019 (Wednesday)	<ul style="list-style-type: none"> • Plenary Lecture on Human Genome Sequencing and Applications • Human Sample Collection and storage • Demo on Karyotyping for diagnosis of aneuploidies and mosaicism • Hands on: DNA isolation • Next Generation Sequencing library preparation
29.08.2019 (Thursday)	<ul style="list-style-type: none"> • Demo: : DNA Sequencing using Next Generation Sequencing platforms • Hands on: Basics of Bioinformatics • Next Generation Sequencing Data formats
30.08.2019 (Friday)	<ul style="list-style-type: none"> • Hands on: Whole Genome assembly, Analysis and Annotation • Gene Panel for human diseases
31.08.2019 (Saturday)	<ul style="list-style-type: none"> • Human Genome Browser and Databases (NCBI, UCSC & GenBank) • Discussion on Genomics Applications in Biomedical Sciences

Registration Fee	(INR)
UG Students	6000
PG Students	8000
Faculty	10000
Industry	20000

Registration Link:

www.bgc-genomics.com

Please send a copy of the transaction ID and your details to simsrccgenetics@gmail.com

Last Date for Registration: 28.08.2019 (Limited seats)
No refund for cancellation of registration.

Payment Mode NEFT (Online):

Principal Sapthagiri Institute of Medical Sciences
Account Number: 20076752136
IFS Code: SBIN0010499
State Bank of India
Hesaragatta Road Branch

Venue:

Sapthagiri Institute of Medical Sciences and Research Centre, 15, Hesaraghatta Main Road, Chikkasandra, Bengaluru, Karnataka -560 090

Computer Support:

We will be providing computers/server with required programs and software for the participants

Accommodation:

For accomodation contact SIMSRC: 9980485707
E mail : simsrccgenetics@gmail.com

Guest house : Limited and only sharing basis (First come first serve). Sharing- Rs. 400/day
Hostel- Free; Food- Lunch will be provided.

Organizing Secretaries:

Dr. Shubha Nivargi, SIMSRC
Ms. Sathyavathi, BGC

Website:

<http://www.bgc-genomics.com>
<https://www.simsrcc.edu.in>

