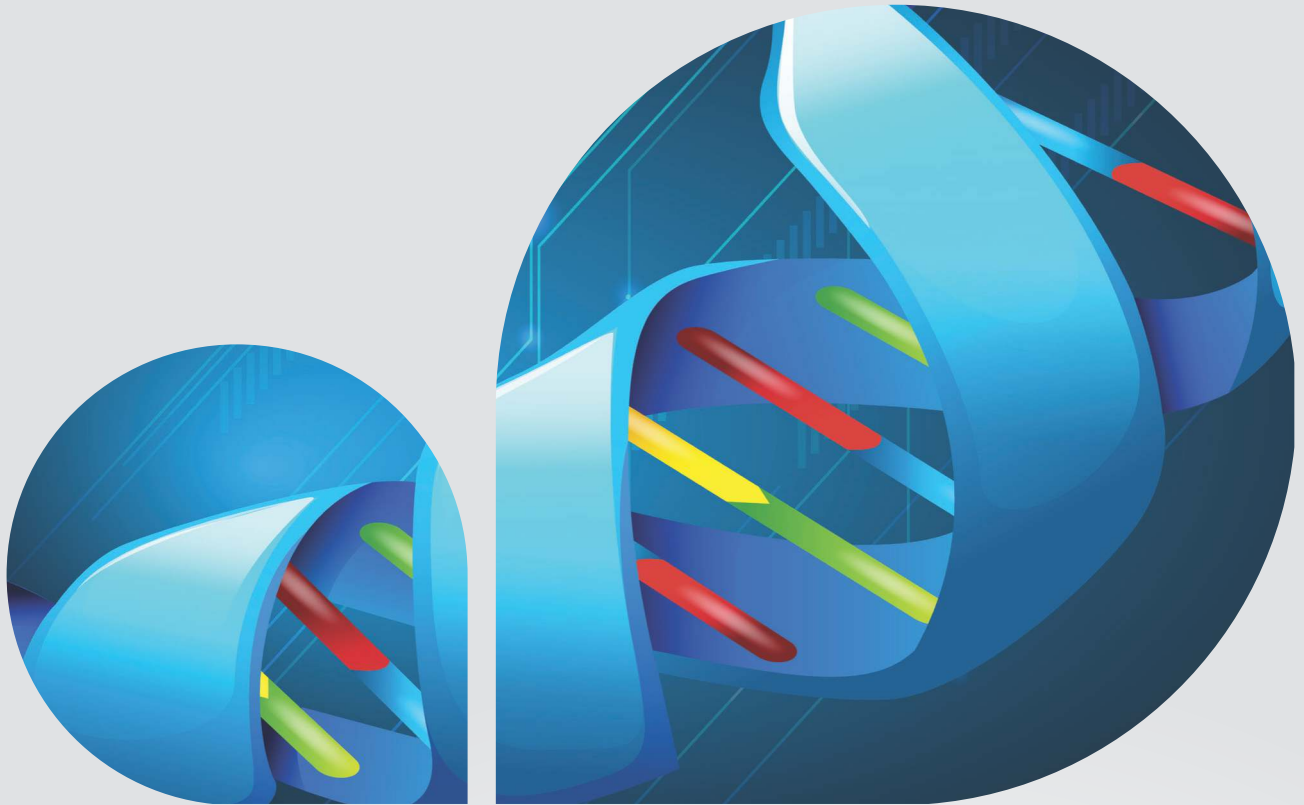


Genomics
India 2019



January 24-25, 2019
ITC Gardenia
Bengaluru, India.

Genomics India 2019 Conference

Transforming lives with Genomics

www.genomicsindia.co.in

Powered by



Co-Host



Knowledge Partner



Co-Organisers



Start-up Partner



Conference Manager



About Genomics India 2019

The two day genomics conference will be a melting pot of Research and Innovation, Industry-Academia collaboration and Translation of Research into products and services. With a focus on sharing path breaking Research findings to indigenous products that address local needs, the conference will provide insights into the advances in Genomic technologies and their novel applications in various fields. This will include talks by Key Opinion Leaders from industry and academia, panel discussions and parallel sessions on 3rd Generation Sequencing, Modern Genomics, Genomics for Agrigenomics, Diagnostics, Start-ups, Biotech education and more. The conference will provide unlimited opportunities for interactions with experts from academia, industry, venture capitalists, government, profit and non-profit organizations of the Biotech sector.

About Genotypic

Genotypic has been at the forefront of introducing and shaping genomics across industry and academia in India since its inception in 1998 as the first Genomics company in India. With a global reach and hundreds of publications citing their Services, Genotypic also has many firsts to its repertoire and has partnered with global Technology providers like Agilent Technologies, Illumina, Thermofisher and Oxford Nanopore. Genotypic's expertise in genomics research is designed to drive the next big wave for genomics in India and abroad. Genomics India 2019, the commencement of an annual event organized by Genotypic, will facilitate in enabling the fortification of the already booming field of Genomics.

Who Should Attend

Faculty, Post Docs and Students

Industrial R&D (Biopharma, FMCG, Vaccine development & manufacturing, Herbals and nutraceuticals)

Hospitals and Diagnostics (infectious diseases, gene testing/ molecular diagnostics)

Agriculture industry (seed companies, Agribiotech companies)

Biotech start-ups & SMEs

Biotech incubators

Conference Committee

Chief Patron:

Prof. Samir K. Brahmachari

Founder Director CSIR-IGIB and former DG CSIR.

Chairman:

Dr. Raja Mugasimangalam

Founder and CEO, Genotypic Technology & QTLomics, Bangalore

Chief Advisor:

Dr. Sudha Rao

*Co Founder and Executive Director Genotypic Technology
Founder & Director Dhiti Omics Technologies, Bangalore*

Convenor:

Dr. Venkatesh Krishnamurthy

Director - Nanopore Business, Genotypic Technology, Bangalore

Awards and Certifications

Best Start-up award

Best Poster award

Best Exhibitor award

Lifetime Achievement (Academic)

Lifetime Achievement Award (Corporate)

Speakers



Prof. K. VijayRaghavan,
*Principal Scientific Adviser,
Government of India
Former Director National Centre for
Biological Sciences.*



Prof. Samir K. Brahmachari
*Founder Director CSIR-IGIB and former DG
CSIR.*



Dr. Rajeev K Varshney
*Research Program Director for Genetic
Gains, at ICRISAT, Hyderabad.*



Dr. Anurag Agrawal
*Director, Institute of Genomics & Integrative
Biology (IGIB),
Delhi*



Dr. Rakesh Kumar Mishra
*Director, Centre for Cellular and Molecular
Biology (CCMB).*



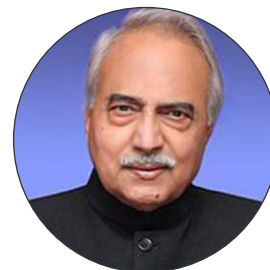
Prof. Sanjeev Jain,
*Associated professor,
Psychiatry Unit,
NIMHANS, Bangalore.*



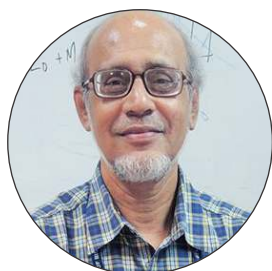
Dr. Niyaz Ahmed
*Senior Director,
International Centre for Diarrhoeal Disease
Research,
Bangladesh.*



Dr. M. Udayakumar
*Professor, Department of Crop Physiology,
GKVK,
Bangalore.*



Dr. Gundu H.R.Rao
*Emeritus Professor,
University of Minnesota Twin Cities
Chief Technology Officer,
Stellixir Biotechnologies, Bangalore.*



Dr. Partha P Majumder
*Head of Human Genetics Department,
Indian Statistical Institute, Kolkata.
Chief Program Officer,
National Institute of Biomedical
Genomics.*



Prof. Ashish Kumar Das
*Department of Biological Sciences,
BITS Pilani.*



Dr. K Thangaraj
*Chief Scientist,
Basic Sciences- Genetics, CCMB*

Speakers



Dr. Sheshshayee M.S
Chief Scientist,
Professor, Department of Crop Physiology,
UAS, GKVK,
Bangalore



Dr. Rajan Dewar
Associate Professor, Director,
Hematology Laboratory,
Department of Pathology,
University of Michigan



Dr Jagadish Mittur
Biotechnology Facilitation Cell at KBITS,
Department of IT BT and S&T,
Government of Karnataka,
Bangalore.



Dr. Mitali Mukerji
Senior Principal Scientist
Genomics and Molecular Medicine,
Ayurgenomics,
IGIB, New Delhi.



Dr. Kar Muthumani
Director, Laboratory of Emerging Infectious
Diseases,
Assistant Professor, Vaccine &
Immunotherapy Center
The Wistar Institute, USA.



Dr. S. Ramachandran
Senior Principal Scientist
Informatics and Big Data,
IGIB, New Delhi.



Dr. R Yasodha
Scientist, Division of Plant Biotechnology,
Institute of Forest Genetics and Tree
Breeding,
Coimbatore.



Dr. B.S. Ajaikumar
Chairman and Chief Executive Officer,
HealthCare Global Enterprises Ltd,
Bangalore.



Dr. Michael Sagner
Head of Department Preventive and
Lifestyle Medicine,
University Hamburg Medical Center,
USA.



Dr. Ramanathan Vairamani
Chief Technology Officer,
Metahelix Life Sciences Ltd,
Bangalore



Prof. Kumar Somasundaram
Professor, Department of Microbiology and
Cell Biology
IISc,
Bangalore.



Dr. P.M. Murali
Chairman & Managing Director,
Jananom Private Limited.



Dr. Amit Dutt
Principal Investigator, Scientist
Wellcome Trust/DBT India Alliance Int
Fellow
ACTREC, Mumbai.

Registration Details

Delegate – National (Indian)	Early Bird [Ends on 15 Jan]	Late	Spot
Corporate Delegates [Registration includes entry to conference, conference material, refreshments and lunch as mentioned in the program]	INR 8,000	INR 9,000	INR 10,000
Start – ups, Academic & Government [Registration includes entry to conference, conference material, refreshments and lunch as mentioned in the program]	INR 6,000	INR 7,000	INR 8,000
Students [Registration includes entry to conference, conference material, refreshments and lunch as mentioned in the program]	INR 4,000	INR 5,000	INR 6,000
Clinicians [Registration includes entry to conference, conference material, refreshments and lunch as mentioned in the program]	INR 5,000	INR 6,000	INR 7,000
Accompanying Person [Entry to conference, lunch and refreshment. No conference material and no entry to presentations.]	INR 5,000		

Delegate – International (Foreign)	Early Bird [Ends on 15 Jan]	Late	Spot
Corporate [Registration includes entry to conference, conference material, refreshments and lunch as mentioned in the program]	USD 400	USD 500	USD 600
Academic & Government [Registration includes entry to conference, conference material, refreshments and lunch as mentioned in the program]	USD 300	USD 400	USD 500
Students [Registration includes entry to conference, conference material, refreshments and lunch as mentioned in the program]	USD 200	USD 300	USD 400
Accompanying Person [Entry to conference, lunch and refreshment. No conference material and no entry to presentations.]	USD 200		

Hurry! Early bird ends on 15 January, 2019

Pre-conference workshop on NGS Data Analysis on 23rd January		
Academicians	INR 2000	USD 50
Industrialists	INR 3000	USD 100



Kindly scan the above
QR Code to register online

Pre-conference Workshop on 23rd January, 2019

Preconference Workshop on NGS Data Analysis on 23rd January 2019 Short read, Long read and hybrid Analysis		
Time	Session	Topics
9:00 – 9:30 AM	Introduction to Sequencing Technology	<ul style="list-style-type: none"> • Sequencing technologies • Whole Genome Assembly • Metagenome Analysis
9:30 – 10:30 AM	Long read and short read Data Analysis and Applications	<ul style="list-style-type: none"> • Basecalling – Albacore, Guppy • Quality – FastQC, Poretools and Q-Scorey • File format and type conversion – Fastq, Fasta, Fast5 • Removing adapters/barcodes – Porechop, Qcat, Cutadapt • Read Stats – insights from data
10:30 – 11:00AM	Tea Break	
Parallel Sessions		
11:00 – 1:00 PM	Whole Genome Assembly De novo Assembly – Canu and MaSuRCA <ul style="list-style-type: none"> • Error Correction – Canu, Lordec and Lorma • Scaffolding – Pyscaf • Polishing – Nanopolish, Pilon 	Metagenome Analysis <ul style="list-style-type: none"> • Short reads 16s – QIIME • Long reads 16s – EPI2ME 16S Analysis
1:00 – 2:00PM	Lunch	
2:00 – 3:30 PM	Genome Annotation <ul style="list-style-type: none"> • Comparative Analysis • Circos plots – Brig • Synteny plots – Mauve 	Whole genome metagenome analysis -EPI2ME WIMP, Megan Antimicrobial Resistance Analysis

Program Details

Day - 1 | 24/01/2019

Time	Event code	Event
8.30 AM		Registration
9:30 AM	1.1	Inauguration – Lighting of lamp by dignitaries
9.35AM	-	Welcome address
9.40 AM	-	Inaugural address
9:55 AM	-	Remarks
10:10 AM	-	Key note address
10:25 AM	-	Vote of thanks
10.30 – 11:00 AM	1.2	Poster session
		Session 1- Genomics Research and Translation
12:30 -1:30 PM	1.3	Poster session with Lunch
		Session 1.3A – Genomics in Crop Research
		Session 1.3B – Genome Sequence to Genomic medicine
3:00 – 3:30 PM		Poster session
	1.4	Session 1.4A – Genomics in Plant Protection
		Session 1.4B- Genomics and Microbial world
	1.4	Session 1.4A – Genomics in Plant Protection
		Session 1.4B- Genomics and Microbial world
		Plenary Session
5:00 – 6:30 PM	1.5 – Plenary Session 1	Prof.Partha P Majumder
	Plenary session 2	Prof. Samir K.Brahmachari
6:30 – 7:00 PM	1.6	Award nights – Poster award

Day - 2 | 25/01/2019

Time	Event code	Event
9:30 – 11:00 AM	2.1	Session 2.1A – Big data, AI and P4 Medicine
		Session 2.1B – New Products for the Genomics World
11.00 – 11:30AM	2.2	Poster session
		Session 2.2A – Genomics in Biopharma
		Session 2.2B -Challenges in Genome Informatics
1:00 – 2:00 PM		Lunch
2.00 – 3:00AM	2.3	Poster session
		Session 2.3A – Genomics for Start-ups & Incubators
		Session 2.3B – Genomics Biomarker and Vaccine
4:30 – 5:00 PM		Poster session
5:00 – 6:00 PM	2.4	Panel discussion – Genome Science communication, Education and Employability
6:00 – 6:15 PM		Concluding session
5:00 – 6:30 PM	1.5 – Plenary Session 1	Plenary Session
	Plenary session 2	Prof.Partha P Majumder
6:30 – 7:00 PM	1.6	Prof. Samir K.Brahmachari
		Award nights – Poster award

Pre-conference Workshop on NGS Data Analysis 23rd January, 2019



Convener
Dr. Venkatesh Krishnamurthy
venkatesh.k@genotypic.co.in
+91 9591266447

Conference Co-ordinator
Ms. Yamuna J
conference@genotypic.co.in
+91 90082 77242

Conference Manager



#2, NG Complex, 2nd Floor, 30th Cross, Jayanagar,
4th T Block, Bangalore -560041.
T: +91 80 26080700
E: secretariat@genomicsindia.co.in