



International Conference

on

Innovative Research in Cancer Biology, Biomedical Science, Stem Cells, Immunobiology and Biotechnology (CBSIB-2018)

Organized by

“Dr. Govind Chandra Mishra Educational Foundation”

on

8th July 2018

Venue:

**Jawaharlal Nehru University,
New Delhi**

CALL FOR PAPERS AND CONFERENCE THEMES:

The Organizer cordially invites abstracts and full length research papers for oral/poster presentation from all over the world to participate in the **International Conference on Innovative Research in Cancer Biology, Biomedical Science, Stem Cells, Immunobiology and Biotechnology (CBSIB-2018)** is the premier forum for the presentation of new advances and research results in the fields of theoretical, experimental, applied, genetics, cell sciences, cancer biology, stem cell research, Biomedical Science, Cancer Biology, Bioinformatics and Applied Biotechnology. The conference will bring together leading researchers, Entrepreneurs and Academicians in the domain of interest from around the world. Topics of interest for submission include various subthemes, but are not limited to the conference aims at providing an opportunity for exchange of ideas and dissemination of knowledge among Scholars for Sustainable Development. Contributions are invited from prospective authors from related areas. All contribution should be of high quality, Original and not published elsewhere or submitted for publication. During the review period, Papers will be reviewed by eminent scholars in the respective areas. All Selected papers will be published as chapters in edited book/conference proceeding having ISBN No. and few high-end papers will be published in international Journal having ISSN No. which will be issued to authors after publication.

Themes:

Stem Cell Research

Embryonic Stem Cells, Tissue-Specific Stem Cells, Stem Cell Differentiation, Stem Cell Genomics, Systems Biology, Cell Biology, Genome Reprogramming, Cancer Stem Cells, Stem Cell Niches, Stem-Cell-Based Disease Models, Nuclear Transfer Technology, Bioengineering, Drug Discovery, In Vivo Imaging of Stem Cells, Clinical and Translational Insights, Stem Cell Research Policies, Ethical Issues, and Technical or Resource-Based Innovations, Embryonic Stem Cells, Adult Stem Cells, Germ Cells, Genetic and Epigenetic Mechanisms, Stem Cells in Development, Disease Modeling and Drug Screening, Stem Cell Therapy, Clinical Studies in Regenerative Medicine, Therapeutic Applications, Regenerative Medicine, Cancer cell biology, Tumour biology, Cancer genomics, epigenetics and genomic instability, Signaling pathways, Carcinogenesis, Translational research, Experimental / molecular therapeutics, pharmacogenomics, Tumour immunology, Radiobiology / radiation oncology, Molecular and genetic epidemiology, Prevention and early detection, Impact of oncogenic signaling on metabolism, Metabolic wiring, Metabolic control of the epigenome, Targeting stroma metabolism, Metabolic heterogeneity and

tumour progression, Targeting metabolic liabilities, Cancer cell biology, Carcinogenesis, Translational research, Experimental / molecular therapeutics, pharmacogenomics, Tumor immunology, Radiobiology / radiation oncology.

Cellular Biology

Cell replacement therapies, Stem cell propagation techniques and novel reagents, Stem cell therapy: Malignancies and Neurological disorders, Cell Division and Cell Cycle, Cell Death, Autophagy, Cell Stress, Cell Signalling and Intracellular Trafficking, Cell Biology of Ageing, Cell Biomechanics and Regulations, Dynamic Control of Cell Shape and Polarity, Cell Organelles: Function and Dysfunction, Ageing, Stem cell biology, Tumors, etc.

Genetics and Proteomics

Genetics syndromes, Gene therapy, Recombinant DNA technology and cloning, Genome sequencing and next generation sequencing, Human genetic engineering and genome research, Human molecular cytogenetics, Genes and Development, Epigenetics, Gene expression, Molecular genetics, Microbial genetics, Protein expression, etc.

Biotechnology and Biomedical Engineering

Nanobiotechnology, Food Biotechnology, Medical biotechnology, Pharmaceutical Biotechnology, Industrial and Manufacturing, Drug discovery and Drug Delivery, Biomedical imaging, image processing & visualization, Bioelectrical and neural engineering, Biomechanics and bio-transport, Methods and biology effects of NMR/CT/ECG technology, Biomedical devices, sensors, and artificial organs, Biochemical, cellular, molecular and tissue engineering, Biomedical robotics and mechanics, Rehabilitation engineering and clinical engineering, Health monitoring systems and wearable system, Bio-signal processing and analysis, Biometric and bio-measurement, Other topics related to biomedical engineering, etc.

Immunobiology

Clinical and Cellular Immunology, Tumor and Cancer Immunology, Neuro Immunology, Neurodisorders, Infectious Diseases and Immune System, Autoimmunity and Therapy, Allergy, Asthma & Clinical Immunology, Drug Delivery, Antibodies and Bio Therapeutics, Infection Novel Therapies, HIV AIDS, STDs & STIs, AIDS stigma and discrimination, Vaccines and Vaccination, etc.

Biomedicine Engineering

Bioinformatics of Diseases, Biomedical Intelligence & Clinical Data Analysis, Comparative Genomics, Computational Systems

Biology, Protein Structure, function, and interactions, Sequence Analysis, Evolution and Phylogeny, Translational Genomics in Engineering, Bioenvironmental Engineering, Modeling and simulation, Molecular Medicine, Molecular Microbiology and its applications, Nonthermal processing for improving food safety, Plant Biotechnology, Produce disinfection and antimicrobials, Proteins and peptides: Bioinformatics, Structure and Function, Storage, processing and packaging, Toxicology and safety evaluation, Biomedical Computing, Personalized medicine, Collaborative medicine, Electrotherapy and radiotherapy.

Stem Cell Transplantation

Autonomic complications of multiple sclerosis, Chemotherapy with autologous stem cell transplantation, Transplantation immunology: Solid organ and bone marrow.

Tumour Science

Cancer Cell Biology, Diagnostic and Prognostic Cancer, Carcinogenesis & Mutagenesis and OMICS in cancer \research, Tumorigenesis and tumor growth

Diseases and Stem Cell Treatment

Diabetes and pancreatic cancer, Leukemia's: Antileukemic Drugs, Parkinson

Apoptosis and Disease

Apoptosis pathway in cancer stem cells, Epigenetic & Transcriptional Controls of Stem Cells, Future perspectives of apoptosis in medicine.

Cell Science & Development

Advances in Gene therapy, Cell Line Development for Novel Molecules, The role of genetic and epigenetic factors in development.

Stem Cell Medicine: Social and Political Challenges

Bioethics & IPR, Biosafety and rDNA Guidelines

Genome analysis:

Genome assembly, Genome and chromosome annotation

Sequence analysis:

Multiple sequence alignment

Phylogenetics:

Phylogeny estimation, Models of evolution, Comparative biological methods.

Analysis of high-throughput biological data:

EST, SAGE and MPSS, Linkage analysis, Association analysis, Marker discovery

Next generation sequencing and sequence analysis:

De novo sequencing, re-sequencing and assembly, Expression estimation, Metagenomics

Healthcare and diseases

Computational support for clinical decisions, Disease control and diagnosis.

E-Health

E-Health technology and devices, E-Health information processing, Video techniques for medical images, Integration of classical medicine and E-Health.

Bioscience Engineering

Biological Systems and Models, Computer Assisted Intervention Systems, Biomedical & Biological Sensors, Cell Engineering Molecular and Cellular Systems, Body's and Cell's Bio-signatures, Microarray Technologies, Biomedical Data Engineering

Biomechanics

Bone and Joint Engineering, Gait Analysis, Musculoskeletal Modelling, Physiotherapy and Sports Biomechanics, Prosthetics and Orthotics, Rehabilitation Engineering

Health Care Technology

Clinical Engineering, Computer-Aided Surgery, Computers in Medical Education, Electrotherapy, Functional Electrical Stimulation (FES), Haptics, Implant Technology, Interactive 3-D Models, Lasers in Medicine, Neural, Sensory Systems and Rehabilitation, Patient Diagnosis

Bioinformatics and Computational Biology

Analysis and Visualization of Large Biological Data Sets, Bioelectronics and diagnostics, Bioinformatics analysis of stem cells, Biomedical Model Parameterisation, Biorobotics and Biosensors, Brain Computer Interface, Emergent Properties in Complex Biological Systems, Evolutionary Computing, Genes and their Regulation, Immuno-Computing, Medical Imaging and Pattern Recognition, Metabolic Pathway Analysis, RNA and Protein Folding and Structure Prediction, Stem Cell, Sequencing/Epigenomics analysis, Structural, functional and comparative genomics, Systems and Synthetic Biology, Inference of biological networks, Simulation and visualization of biological systems, Bio-molecular & Phylogenetic Databases Data Visualization, Signaling and Computation, Analysis of protein functionality, Quantitative proteomics and PTMs.

Structural Bioinformatics:

Structure matching, Prediction, Analysis and comparison, Protein design, Protein structure, function and sequence analysis Protein interactions, docking and function, Drug design and computer aided diagnosis, Algorithms, models, software, and tools in Bioinformatics, Analysis and Visualization of Large Biological Data Sets, Brain Computer Interface

Advances in Biotechnology

Microbial & Biochemical Technology, Bioremediation & Biodegradation, Clinical and Cellular Immunology, Medical Biotechnology and Biomedical Engineering, Stem Cell Research & Tissue Science Engineering, Pharmaceutical Biotechnology Agricultural Biotechnology, Bioeconomy, Bio-based products: materials, Biocatalysis and biotransformation, Bioengineering at the μ -Scale, Biomaterials engineering and nanomedicine Bio-nanoparticles, Biopharmaceuticals production, Membrane technology, Renewables, biofuels and bioenergy

Applied Biotechnology

Algae and photobiotechnology Bio-based products: materials Biocatalysis and biotransformation, Bioeconomy, Bioengineering at the μ -Scale, Bioenvironmental Engineering and Risk Assessment, Bio-nanoparticles, Biorefineries, Bioremediation & Biodegradation, Biosecurity, Biosensors, Bioelectronics & Biochips, Tissue chips, Biotechnology and its Applications, Disease Outbreak Assessment, Membrane technology, Product Engineering in the Bio Industries, Biological natural resource engineering, Bio-machine systems Biotechnology for Livestock, Pests and Aquaculture, Food safety and Bio-process engineering, Biocatalysis, organocatalysis and nanobio technology, Biological and biomedical imaging, Biomimetic and self-assembled materials, Bioremediation of polluted sites, Enzyme biotechnology, Nanoparticle sequestration in biomolecules.

Abstract Submission:

Abstracts not exceeding 300 words on any of the aforesaid themes should be sent to the Organizing Secretary through email at conferencenewdelhi2@gmail.com on or before **3rd July, 2018.**

Submission of Full Length Research Paper

Full length research paper, maximum in 6 pages should be submitted by **4th July, 2018** through email at - conferencenewdelhi2@gmail.com

Submission of Registration fees latest by **5th July, 2018.**

Registration process can be initiated after receiving acceptance letter of full paper.

Accommodation

Free one day Accommodation will be available to the limited no. of out station non N.C.R. Delegates at JNU guest house and nearby other guest houses/hotels around conference venue. The Tariff rate for next day and subsequent day accommodation is as follows: Double-bed Room @ Rs.800/- per person (Indian non N.C.R. delegates) and 35 USD for Foreign delegates on sharing basis per day (check out time noon to noon). To and fro transportation facility from guest house to the conference Venue will be provided by the organizer.

Mandatory steps to be followed:-

1. In case of multi authored research paper, at least one Registration is mandatory.

Registration

The participants are requested to register by sending the duly filled Registration form through e-mail along with their research paper and registration fees (**through RTGS/ Wired Transfer or Online Transfer**)

Beneficiary Name: Dr. Govind Chandra Mishra Educational Foundation

Bank Name : Canara Bank
Bank Address : Jit Singh Marg, New Delhi
Account No. : 1484101037210
Account Type : Saving
IFSC Code : CNRB0001484
Swift Code- : CNRBINBBID

Registration Charges:

Categories	Indian Delegates	SAARC/ African Country Delegates	Rest of the countries
Academic faculty/Industrial Delegates	3000 INR	125 USD	250 USD
Research Scholars(Ph.D) / NGO Representative	2500 INR	100 USD	200 USD
Students(UG and PG)	2000 INR	75USD	150 USD
Printing of Additional Pages as chapter in edited book/proceeding /in Journals	300 INR	15 USD	20 USD
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Print copy of research article as chapter in edited book/proceeding/ Journal & Certificate (additional copy) for Co-Authors (if required in absentia)	700 INR	20 USD	30 USD
Only Print copy of research article as chapter in edited book/ proceeding / Journal (additional copy) for Co-Authors (if required in absentia)	500 INR	15 USD	25 USD
Only Certificates (Co-Authors in absentia)	300 INR	10 USD	20 USD
Additional Research paper for same authors	1000 INR	25 USD	35 USD

****Foreign Participants as listener are not allowed, only authors from foreign country/countries will be allowed in this conference.**

NOTE: In case Research article is accepted by the editorial committee it will be published and released on the day of conference in case the delegates are not able to physically present their paper due to some or other reason his/her research paper will be published (in absentia) and published copy along with certificate will be dispatched to his/her correspondence address by post just after the conference at no extra cost. **All communication should be by e-mail/online only (no hard copy is required to be posted).**

For further information and Latest Updates, Write us at

conferencenewdelhi2@gmail.com Or visit our Website http://www.krishisanskriti.org/cbsib1818.html	Dr. G. C. Mishra Organizing Secretary Dr. V. Venkat Ramanan Convener Contact No. : +91-8527006560
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