

International Conference

on

Biomedical Engineering, Bioscience, Bioinformatics, Biochemistry Cancer Biology, Molecular Biology and Applied Biotechnology (BCM-2019)

Organized by:

“Krishi Sanskriti, New Delhi”

on

12th January, 2019

Venue: **Convention Centre**

Jawaharlal Nehru University, New Delhi

CALL FOR PAPERS

International Conference on **BCM-2019** is the premier interdisciplinary platform for the presentation of new advances and research results in the fields of Biomedical Engineering, Bioscience, Bioinformatics, Biochemistry Cancer Biology, Molecular Biology and Applied Biotechnology. The conference will bring together leading academic scientists, researchers and students in the domain of interest for presentation and publication.

The Organizer cordially invites abstracts and full length research papers for oral/poster presentation from all over the World. Together, these forums seek to create a space for the representation of any and all perspectives tack holders for holistic humane development. 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 chapter's in edited book/ conference proceedings having ISBN and few high-end papers will be published in international Journal having ISSN** which will be issued to authors on the day of Conference.

Conference Themes:

Biomedical Engineering

- ✓ Biomedical imaging, image processing & visualization
- ✓ Bioelectrical and neural engineering
- ✓ Methods and biology effects of NMR/CT/ECG technology
- ✓ Biomedical devices, sensors, and artificial organs
- ✓ Bio-signal processing and analysis
- ✓ Biometric and bio-measurement
- ✓ Comparative Genomics
- ✓ Computational Systems Biology
- ✓ Gene Regulation and Transcriptomics
- ✓ Massively Parallel Sequencing & Applications
- ✓ Protein Structure, function, and interactions
- ✓ Sequence Analysis, Evolution and Phylogeny

- ✓ Translational Genomics in Engineering
- ✓ 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
- ✓ Health monitoring systems and wearable system
- ✓ Bio-signal processing and analysis
- ✓ Biomedical Intelligence & Clinical Data Analysis
- ✓ Computational Systems Biology
- ✓ Sequence Analysis, Evolution and Phylogeny
- ✓ Translational Genomics in Engineering
- ✓ Molecular Medicine
- ✓ Molecular Microbiology and its applications
- ✓ Nonthermal processing for improving food safety
- ✓ Produce disinfection and antimicrobials
- ✓ Proteins and peptides: Bioinformatics, Structure and Function
- ✓ Storage, processing and packaging
- ✓ Toxicology and safety evaluation
- ✓ Biomedical Computing
- ✓ Personalized medicine
- ✓ Electrotherapy and radiotherapy

Bioscience

- ✓ Biological Systems and Models
- ✓ Engineering Models in Bio-Medicine
- ✓ Medical Robotics
- ✓ Nano-Medicine
- ✓ Nano-Mechanisms for Molecular Systems
- ✓ Nano-Bio-Computing
- ✓ Molecular and Cellular Systems
- ✓ Tissue Engineering
- ✓ Neuro-Engineering
- ✓ Biomedical Image Processing & Analysis
- ✓ Biomedical Data Engineering
- ✓ Anatomy
- ✓ Bioengineering

- ✓ Biophysics
- ✓ Botany
- ✓ Developmental biology
- ✓ Ecology
- ✓ Entomology
- ✓ Epidemiology
- ✓ Evolutionary biology
- ✓ Hematology
- ✓ Marine biology
- ✓ Mycology
- ✓ Neurobiology
- ✓ Paleontology
- ✓ Pathology
- ✓ Physiology
- ✓ Phytopathology
- ✓ Population biology
- ✓ Systems biology
- ✓ Toxicology
- ✓ Zoology

Bioinformatics

- ✓ Genes and their Regulation
- ✓ Sequence Search and Alignment
- ✓ Functional Genomics, Proteomics
- ✓ Drug Discovery
- ✓ Gene Expression Analysis
- ✓ Biomarkers of Toxicity
- ✓ Biomedical Composite Materials
- ✓ Biomedical Intelligence & Clinical Data Analysis
- ✓ Biometric And Bio-Measurement
- ✓ DNA And RNA Structure, Function And Sequence Analysis
- ✓ Neuro-Engineering
- ✓ Structural, Functional And Comparative Genomics
- ✓ Translational Genomics In Engineering
- ✓ Biometric and bio-measurement
- ✓ Bio-nanotechnology
- ✓ Biomedicine in industry and society
- ✓ Computational immunology
- ✓ Biomedical devices, sensors, and artificial organs
- ✓ Gene regulation, expression, identification and network
- ✓ Structural, functional and comparative genomics
- ✓ Gene engineering and protein engineering
- ✓ Drug design and computer aided diagnosis
- ✓ Medical imaging and image processing
- ✓ Robotics
- ✓ Sensors and instrumentation
- ✓ Telehealth
- ✓ Telemedicine
- ✓ Genomics and Proteomics
- ✓ Sequence Analysis
- ✓ Biostatistics and Stochastic Models
- ✓ Immuno- and Chemo-informatics

Biochemistry and Molecular Biology of Plants

- ✓ Biostatics
- ✓ Biomeasurement
- ✓ Biomechanics
- ✓ Biophysics
- ✓ Biomathematics

- ✓ Bioengineering
- ✓ System biology
- ✓ Nano-bio-computing
- ✓ Biomedical & biological sensors
- ✓ Cell engineering
- ✓ Molecular and cellular systems
- ✓ Microarray technologies

Cancer Biology

- ✓ Robotic Oncology / Organ Specific Cancer
- ✓ Cancer Science & Therapy
- ✓ Cancer types and staging
- ✓ Cancer Stem cells
- ✓ Cancer Surgery, Surgical Oncology
- ✓ Cancer Therapeutics and Novel Approaches
- ✓ Anti-Cancer Drug Discovery & Therapy
- ✓ Tumor Immunology & Cancer Immunology
- ✓ Cancer Causes and Diagnosis
- ✓ Blood Disorders and Blood Oncology
- ✓ Breast Cancer & Chronic Disease
- ✓ Breastfeeding and Breast Cancer
- ✓ Cancer Biology & Genetics
- ✓ Cancer Biomarkers
- ✓ Cancer Diagnostics and Staging
- ✓ Cancer Drugs & Delivery
- ✓ Cancer Epidemiology, Cancer Evolution
- ✓ Cancer Screening & Chemotherapy
- ✓ Cancer Imaging and Radiology
- ✓ Cancer Research and Trials
- ✓ Cancer Vaccines and Therapeutics
- ✓ Chemotherapy and Cancer
- ✓ Complementary and Alternative Cancer Treatment
- ✓ Comprehensive Geriatric Oncology
- ✓ Epigenetics and Cancer
- ✓ Gastrointestinal Cancers
- ✓ Gynecologic Cancer / Gynecologic Oncology
- ✓ Head and neck cancers
- ✓ Hematologic Oncology / Cancer Prognosis
- ✓ Immuno Oncology & Preventive Oncology
- ✓ Pediatric Oncology, Neonatal oncology
- ✓ Oncology Nursing & Palliative care
- ✓ Pancreatic and Colorectal Cancer
- ✓ Pathophysiology of Cancer
- ✓ Radiation Oncology & Therapy
- ✓ Reproductive Cancers & Disorders
- ✓ Cancer diagnostics and biomarkers
- ✓ Molecular Biology of stem cells
- ✓ Immune systems in stem cells and cancer
- ✓ Lung cancer
- ✓ Lymphoid leukemias
- ✓ Next Generation Sequencing

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

Applied Biotechnology

Advancements in Biotechnology
 Agriculture Biotechnology
 Animal Biotechnology
 Environmental Biotechnology
 Food Biotechnology
 Biotechnology in Cancer
 Industrial and Microbial Biotechnology
 Marine Biotechnology
 Nanobiotechnology
 Genetic Engineering and rDNA Technology
 Medical Biotechnology
 Biotechnology in Healthcare
 Pharmaceutical Biotechnology
 Bioengineering and biotechnology
 Bioproducts and BioEnergy
 Biomass and Bioenergy
 Biotechnology and its Applications
 Current Scenario in Biotechnology

Important Dates

Last date of Abstract Submission: 9th January, 2019.

Last date of Full Length Research Paper & Copyright Form submission: 10th January, 2019.

Last date of Submission of Registration Details: 11th January, 2019

Accommodation

Free one day Accommodation will be available to the limited no. of out station non N.C.R. delegates at nearby guest houses/hotels around conference venue.

The Tariff rate for next day and subsequent day accommodation is as follows: Double-bed Room @ Rs. 900/- 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. Abstract should be maximum 300 words, full length research paper should be maximum 6 pages.
2. In case of multi authored research paper, at least one Registration is mandatory.
3. In case other author/co-author wish to physically attend the conference they need to pay full Registration fees individually, separate Journal & Certificate along with the conference kit will be issued to them. Co- Authors are requested to fill & submit separate Registration forms in case they are physically attending the conference.
4. Charges for extra copy of Journal/ Certificate for other Co-author (if required) should be paid along with preliminary Registration by the corresponding author.
5. Co-Authors will not be considered as accompanying person. Listeners are not entitled for free accommodation (it will be on paid basis). However they will be issued conference kit and participation certificate.
6. All Selected papers will be available online after 15 to 20 days of conference date over, in order to download the papers the authors need to go in the publication section of Krishi Sanskriti website.

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/ Wire Transfer or Online Transfer).**

Bank Details mentioned below for **RTGS/ Wire Transfer or Online Transfer:**

Beneficiary Name : Krishi Sanskriti

Bank Name : Canara Bank

Bank Address : Jeet Singh Marg, New Delhi

Account No. : 1484101026988

Account Type : Savings

IFSC Code : CNRB0001484

Swift Code- : CNRBINBBID

Registration Charges:

Categories	Indian Delegates	Rest of the countries
Academic faculty/Industrial Delegates	3000 INR	250 USD
Research Scholars(Ph.D.)	2500 INR	200 USD
Students(UG and PG)	2000 INR	150 USD
Printing of Additional Pages as chapter in edited book/proceeding /in Journals	400 INR	20 USD
Listener / Accompanying Member (only Indian Delegates)	1000 INR	**
Print copy of research article as chapter in edited book/ proceeding/ Journal & Certificate (additional copy) for Co-Authors (if required in absentia)	700 INR	30 USD
Only Print copy of research article as chapter in edited book/ proceeding /Journal (additional copy) for Co-Authors (if required in absentia)	400 INR	25 USD
Only Certificates (Co-Authors in absentia)	400 INR	20 USD
Additional Research paper for same authors	1000 INR	35 USD

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

For email and visit our Website

E-mail: conferencenewdelhi2@gmail.com

<http://krishisanskriti.org/bcm.html>

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Conference Chair

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