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OMICS International Conferences
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Day 1	October 05, 2015
08:00-09:00	Registrations
09:00-09:30	Introduction

Crystal Ballroom

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09:30 -10:55 **Opening Ceremony**

	Group Photo 10:55-11:00
	Coffee Break 11:00-11:20
Keynote Forum	
11:20-11:40	**Title: Cancer control by integrating epigenomics and genomics: Are we ready for the prime time?** **Mukesh Verma,** National Institutes of Health, USA
11:40-12:00	**Title: Biotechnology: Meeting the needs of a changing world** **Brij M Gandhi,** Formerly Adviser to the Government of India, India
40 Poster Presentations @ 12:00-12:40	
	Lunch Break 12:40-13:20
Crystal Ballroom 1	
Track 4: Cancer and Genomics Research Track 5: Genetic Engineering and rDNA Technology Track 8: Animal Biotechnology and Cell Culture	
Chair: Mukesh Verma, National Institutes of Health, USA **Co-chair: Kaiser Jamil,** Bhagwan Mahavir Medical Research Center(BMMRC), India	
	Session Introduction
13:20-13:40	**Title: Leptin gene polymorphisms as biomarkers in obese breast cancer patients**
	Kaiser Jamil, Bhagwan Mahavir Medical Research Center(BMMRC), India
13:40-14:00	**Title: Genome to future drug discovery and design in cancer and infectious disease**
	B K Malik, Sharda University, India
14:00-14:20	**Title: Quercetin enhances the effect of Adriamycin in human hepatocellular carcinoma (HepG2) cell lines**
	R Venkateswari, University of Madras, India
14:20-14:40	**Title: Analysis of cancer-testis antigens as molecular drug targets using network pharmacology**
	Anuj Kumar, Shriram Institute for Industrial Research (SRI), India
14:40-15:00	**Title: Decreased Camptothecin sensitivity of cancer stem-like cell population correlates with phosphorylation state of DNA topoisomerase I**
	Amit Roy, National Institute of Pharmaceutical Education & Research (NIPER), India
15:00-15:20	**Title: Elucidation of mechanistic action of UNC-53 in cell migration and axon outgrowth in *C. elegans***
	Amita Pandey, University of Delhi, India
15:20-15:40	**Title: Molecular and microbiological methods for *Escherichia coli* K12 traceability in the fermentation process**
	Janine Aparecida Correia Durães Gandra, Novo Nordisk, Brazil
15:40-16:00	**Title: Genetic diversity estimates point to immediate efforts for conserving the endangered Tibetan sheep of India**
	Rekha Sharma, National Bureau of Animal Genetic Resources, India
	Coffee Break 16:00-16:20
16:20-16:40	**Title: Expression and characterization of eCG recombinant protein in *Spodoptera frugiperda* cell lysate**
	Anuradha Bhardwaj, ICAR-National Research Centre on Equines, India

16:40-17:00	**Title: Selection of developmentally competent ovine oocytes by Brilliant Cresyl Blue (BCB) staining improves blastocyst development rate**
	Sukanta Mondal, National Institute of Animal Nutrition and Physiology, India
17:00-17:20	**Title: Association analysis of novel SNPs in BMPR1B, BMP15 and GDF9 genes with reproductive traits in goats**
	Sonika Ahlawat, National Bureau of Animal Genetic Resources, India
17:20-17:40	**Title: Microsatellite markers studies for genetic characterisation of Bikaneri camel**
	Lokesh Gautam, College of Veterinary and Animal Science, India
17:40-18:00	**Title: Quantitative expression of hepatic toll-like receptor 1–10 mRNA in Osmanabadi goats during different climatic stresses**
	Sophia Inbaraj, ICAR-Central Island Agricultural Research Institute, Portblair, India
18:00-18:20	**Title: Molecular target profile analysis of luteolin and lupeol for colon cancer therapy**
	Rashmi K Ambasta, Delhi Technological University,India
18:20-18:40	**Title: Allele mining in *DRB3.2* gene and its association with mastitis tolerance and susceptibility in crossbred cattle**
	Vishnu Kumar, Rajasthan University of Veterinary & Animal Science, India
Panel Discussion	

Crystal Ballroom 2	
Track-6: Biochemistry, Cell and Molecular biology	
Chair: Vijayalakshmi Venkatesan, National Institute of Nutrition, India **Co-chair: Saumya Pandey,** Ajanta Hospital and IVF Centre, India	
Session Introduction	
13:20-13:40	**Title: Characterization of guava genotypes using RAPD markers**
	Arumugam Nagaraja, ICAR-Indian Agricultural Research Institute, India
13:40-14:00	**Title: Different mechanism of reading the isoleucine codon in three domains of life**
	Debabrata Mandal, National Institute of Pharmaceutical Education and Research, India
14:00-14:20	**Title: Altered adipogenesis under micronutrient deficiency: *In vitro* approach using mesenchymal stem cells**
	Vijayalakshmi Venkatesan, National Institute of Nutrition, India
14:20-14:40	**Title: Frizzled receptors and calcium-activated potassium channels as predictors of restenosis in coronary artery bypass graft surgery patients: A public health perspective in a North American cohort**
	Saumya Pandey, Ajanta Hospital and IVF Centre, India
14:40-15:00	**Title: Synthesis and characterization of cross-linked cellulase enzyme aggregates (CLEAs) by ethanol and acetone desolvation technique.**
	Jagdish Singh, Mata Gujri College, India
15:00-15:20	**Title: Microfluidic tools for cellular analysis at physiological scale**
	Sanjeev Kumar Mahto, Banaras Hindu University(IIT), India
15:20-15:40	**Title: Metal-based enzyme promiscuity of mammalian senescence marker protein-30**
	Rinkoo D Gupta, South Asian University, India
15:40-16:00	**Title: HeLa cells containing a truncated form of DNA polymerase beta are more sensitized to alkylating agents than to agents inducing oxidative stress**
	Kalyani Khanra, Panskura Banamali College, India
Coffee Break 16:00-16:20	
16:20-16:40	**Title: Role for coronin 1 in regulating cognition and behaviour through neuronal cAMP/Protein kinase a signaling**
	Somdeb Bose Dasgupta, Banaras Hindu University(IIT), India
Young Researchers Forum	

16:40-16:55	**Title: Investigating S100A4 as therapeutic target vis-a-vis employability of Ayurvedic concepts for advanced research and clinical relevance**
	Vivek Sharma, Chandigarh Group of Colleges, India
16:55-17:10	**Title: An α-L- rhamnosiadase from *Penicillium greoroseum* MTCC-9424**
	Sarita Yadav, Deen Dayal Upadhyay Gorakhpur University, India
17:10-17:25	**Title: An insight into the secondary metabolite profile of *Bergenia ligulata* rhizome showed Bergenin as the most potent antilithiatic agent**
	Deepika, Panjab University, India
17:25-17:40	**Title: Nephroprotective efficacy of Apocynin against hyperoxaluria induced nephrolithiasis in male Wistar rats**
	Minu Sharma, Panjab University, India
17:40-17:55	**Title: Differential regional fatty acid distribution in normotensive and preeclampsia placenta**
	Alka Rani, Bharati Vidyapeeth Deemed University, India
17:55-18:10	**Title: Affect of heavy metal tolerance induced oxidative stress on energy metabolism in *Drosophila melanogaster***
	Geetanjali Sageena, University of Delhi, India
18:10-18:25	**Title: Characterization of Guava genotypes using SSR markers**
	Shaili Kumari, Indian Agricultural Research Institute, India
18:25-18:40	**Title: Effect of salts on interfacial and thermodynamic behaviour of Myoglobin**
	Meghna Sheoran, Indian Institute of Technology, Delhi, India
Panel Discussion	

Sapphire Ballroom 1	
Track-7: Microbiology and Microbial World	
Chair: Rani Gupta, University of Delhi, India **Co-chair: Ritu Gaur**, South Asian University, India	
Session Introduction	
13:20-13:40	**Title: Importance of microbial resource centres and bio-banking of microorganisms for biotechnology and sustainable environment**
	Om Prakash Sharma, National Centre for Cell Science, India
13:40-14:00	**Title: Control of protease activity in *S. pombe* using gene silencing approach**
	Nipunjot Kaur, Khalsa College, India
14:00-14:20	**Title: An insight into bioremediation of synthetic polymer**
	Alok K Sil, University of Calcutta, India
14:20-14:40	**Title: Targeting HIV replication and maturation: Role of APOBEC proteins and bevirimat**
	Ritu Gaur, South Asian University, India
14:40-15:00	**Title: Real time PCR based expression analysis of metal resistance genes and quantification of *Pseudomonas aeruginosa* J007 strain in mine waste sample**
	Sangeeta Choudhary, Banasthali University, India
15:00-15:20	**Title: Application of mixture of carbon sources to enhance H2 production by *Escherichia coli***
	Karen Trchounian, Yerevan State University, Armenia
15:20-15:40	**Title: Seasonal variation in toxicity of citral against sporocyst, redia and cercaria larva of *Fasciola gigantia***
	Kumari Sunita, Deen Dayal Upadhyay Gorakhpur University, India
15:40-16:00	**Title: Novel extracellular lipases from *Trichosporon asahii* MSR54: Implications in cell physiology and biotechnology**
	Rani Gupta, University of Delhi, India
Coffee Break 16:00-16:20	
16:20-16:40	**Title: Molecular characterization of *Fusarium fujikuroi* associated with Bakanae disease of rice in India**
	Bishnu Maya Bashyal, Indian Agricultural Research Institute, India
Young Researchers Forum	

16:40-16:55	**Title: O-acetylation of peptidoglycan affects *ex-vivo* and *in vivo* survival of *S. aureus*** **Gaurav Baranwal**, Amrita institute of Medical Sciences, India
16:55-17:10	**Title: Extracellular green synthesis of gold nanoparticles by indigenous *Bacillus lichniformis* GPI-2: A noble biological approach** **Rajni Kant Thakur**, Dr Y S Parmar University of Horticulture and Forestry, India
17:10-17:25	**Title: Functional insight into the promiscuous role of multidrug transporters of *Candida albicans*** **Shweta Nim**, Amity Institute of Integrative Sciences and Health, India
17:25-17:40	**Title: Genetic profiling of clinical isolates of *Citrobacter freundii* expressing *blaAmpC* gene in a tertiary referral hospital of northern India** **Shweta Mishra**, Banaras Hindu University, India
17:40-17:55	**Title: Identification and characterization of bacteriocins isolated from soil bacteria and comparison between two characterized bacteriocins** **K L R Bonhi**, Manav Rachna International University, India
17:55-18:10	**Title: Analysis of factors governing nematode-host specificity in bacterium *Photorhabdus*** **Jyoti Kushwah**, Indian Agricultural Research Institute, India
18:10-18:25	**Title: Isolation and characterization of stress tolerant plant growth-promoting *Pseudomonas plecoglossicida* NBRI1310 from saline desert** **Archana Yadav**, Amity University, India
18:25-18:40	**Title: Towards a novel FRET immunosensor using biocompatible graphene quantum dot for early diagnosis of Myocardial Infarction** **Deepika Bhatnagar**, Central Scientific Instruments Organization (CSIR-CSIO), India
Panel Discussion	

Day 2 October 06, 2015	
Crystal Ballroom 1	
Keynote Forum	
09:00-09:20	**Title: KH domain of spoonbill suppresses non-coding spinocerebellar ataxia 8 associated nerodegeneration by decaying pathogenic SCA8 RNA in Drosophila** **Mousumi Mutsuddi**, Banaras Hindu University, India
09:20-10:20	Workshop on **NIH Research Resources in Biotechnology** by **Mukesh Verma**, National Institutes of Health, USA
Coffee Break + 40 Posters 10:20-11:00	
Track-4: Cancer and Genomics Research Track-5: Genetic Engineering and rDNA Technology Track-8: Animal Biotechnology and Cell Culture	
Chair: Mukesh Verma, National Institutes of Health, USA **Co-chair: Kaiser Jamil**, Bhagwan Mahavir Medical Research Center (BMMRC), India	
Session Introduction	
Young Researchers Forum	
11:00-11:15	**Title: Purification of lovastatin from *Aspergillus Terreus* (km017963) and evaluation of its anticancer and antioxidant activity** **Bhargavi S D**, Bangalore University, India
11:15-11:30	**Title: Genetic mutations in cell cycle regulatory proteins, microsatellite loci and their association with gallbladder carcinogenesis in the population that exposed to Methyl Isocyanate** **Suresh Kumar Jatawa**, Rajiv Gandhi Proudyogiki Vishwavidyalaya, India
11:30-11:45	**Title: Regulation of p73 and its role in suppressing metastasis** **Yatendra Kumar Satija**, University of Delhi, India
11:45-12:00	**Title: Phyllopsheric *Trichoderma* spp.: As a new entrant for managing foliar phytopathogens** **Amrita Saxena**, Banaras Hindu University(IIT), India

12:00-12:15	**Title: Assessement of biological activity of recombinant equine IL-18 and IFN-γ**
	Sheetal Saini, ICAR- National Research Center on Equines, India
12:15-12:30	**Title: Association of novel candidate genes with impaired spermatogenesis in infertile patients: Genomic & transcriptomic approach**
	Vertika Singh, Banaras Hindu University(IIT), India
12:30-12:45	**Title: Effect of *Indigofera tinctoria* ethanolic and aqueous extracts on *in vitro* macrophage activation and lymphocyte proliferation**
	Madakkannu Boothapandi, University of Madras, India
12:45-13:00	**Title: Development of animal cartilage for application in human patient**
	Piyali Das, West Bengal University of Animal and Fishery Sciences, India
13:00-13:15	**Title: Elucidation of hepatoprotective activity of *Murraya koenigii* and *Phyllanthus niruri* leaf extracts against paracetamol and alcohol induced damage in HepG2 cell line.**
	Pallavi Shah, G.B. Pant University of Agriculture and Technology, India
Panel Discussion	
Lunch Break 13:15-13:50	
Track 1: Biotechnology in Agriculture	
Chair: Veena Agrawal, University of Delhi, India **Co-chair: Rajinder Singh Chauhan,** Jaypee University of Information Technology, India	
13:50-14:10	**Title: Transcriptome analysis identifies candidate genes in response to biotic and abiotic stresses in *Arabidopsis***
	Synan F Abu Qamar, United Arab Emirates University, UAE
14:10-14:30	**Title: Biotechnological approaches for rapid elicitation, of artimisinin in *Artemisia annua* L. employing biotic and abiotic stresses, its isolation and evaluation of bioefficacy against cancer cell lines, malaria and dengue vectors**
	Veena Agrawal, University of Delhi, India
14:30-14:50	**Title: Ayurvastra – Herbal fabrics designed for healing**
	Bipin J Agrawal, The Maharaja Sayajirao University of Baroda, India
14:50-15:10	**Title: Processing urban waste for energy for reduced greenhouse gases**
	Rahul Basu, Sambhram Institute of Technology, India
15:10-15:30	**Title: Rice landrace diversity in subsistence-oriented farming systems: Nutritional considerations**
	Gayacharan, National Bureau of Plant Genetic Resources, India
15:30-15:50	**Title: Seed bio-priming with smart agri bio-inputs: A potential tool for enhanced productivity & soil health rejuvenation in organic/sustainable agriculture**
	Virender Dhingra, BIO-TOX, India
Coffee Break + 40 Posters 15:50-16:30	
16:30-16:50	**Title: Genetic improvement of sugarcane for quality content and yield through breeding**
	Rana D P Singh, Sugarcane Research Station, India
16:50-17:10	**Title: Leaf transcriptome sequencing for SSR development and linkage map construction in bottle gourd**
	Manjusha Verma, ICAR-National Bureau of Plant Genetic Resources, India
17:10-17:30	**Title: Gene selection and co-expression modules detection common to various abiotic stress responses in rice and *Arabidopsis***
	Samarendra Das, Indian Agricultural Statistics Research Institute, India
17:30-17:50	**Title: Plant extracts and phytochemicals as herbal medicines and antimicrobials**
	Arti Goel, Amity Institute of Microbial Biotechnology, India
17:50-18:10	**Title: Identification of polymorphic microsatellite markers in oil palm**
	Ramajayam D, ICAR-Indian Institute of Oil Palm Research, India

18:10-18:30	**Title: Host-induced silencing of a nematode protease gene in tomato plants conferred enhanced resistance to root-knot nematodes**
	Tushar Kanti Dutta, Indian Agricultural Research Institute, India
Panel Discussion	
Crystal Ballroom 2	
Track 2: Biotechnology in Health Care	
Chairs: Mousumi Mutsuddi, Banaras Hindu University, India & **Pravir Kumar,** Delhi Technological University, India **Co-chair: Palok Aich,** National Institute of Science Education and Research (NISER), India	
11:00-11:20	**Title: Therapeutic relevance of ubiquitin E3 ligase, chaperones and bioflavonoids in neurodegenerative disorders**
	Pravir Kumar, Delhi Technological University, India
11:20-11:40	**Title: New microbial insecticide for mosquito vectors of human diseases: A discovery by accident**
	Bina Pani Das, National Centre for Disease Control, India
11:40-12:00	**Title: Metallic ion doped calcium phosphate based scaffolds, bioactive glass and cements in bone regeneration**
	Samit Kumar Nandi, West Bengal University of Animal & Fishery Sciences, India
12:00-12:20	**Title: Human embryonic stem cell therapy in chronic spinal cord injury: A retrospective study**
	Geeta Shroff, Nutech Mediworld, India
12:20-12:40	**Title: Android based cholesterol detection technology**
	Swati Checker, MGM College of Engineering and Technology, India
12:40-13:00	**Title: Pitfalls to beware in *in-vitro* release studies**
	Maneesha Pande, Indian Institute of Technology, New Delhi, India
Lunch Break 13:00-13:50	
13:50-14:10	**Title: Post-genomic integrative approaches to understand psychological stress**
	Palok Aich, National Institute of Science Education and Research (NISER), India
14:10-14:30	**Title: Comparative efficacy of Homoeopathy, cognitive behavior therapy and Placebo on depression**
	Girija Shankar Shukla, Sam Higginbottom Institute Of Agriculture Technology & Science, India
14:30-14:50	**Title: Analysing Leishmania donovani gene ontology leading to novel drug targets**
	Monidipa Ghosh, National Institute of Technology, Durgapur, India
14:50-15:10	**Title: Impairment of diabetic wound healing: Key genetic players**
	Kiran Singh, Banaras Hindu University, India
15:10-15:30	**Title: Free radical scavenging, DNA protection and inhibition of lipid peroxidation by methanolic extracts of *Elettaria cardamomum* and *Ferula assa-foetida***
	Savita Chaurasia, Uttar Pradesh Technical University, India
15:30-15:50	**Title: Molecular epidemiology of Zoonotic parasites – Need of the hour**
	Arumugam Sangaran, Madras Veterinary College, India
Coffee Break + 40 Posters 15:50-16:30	
16:30-16:50	**Title: Biotechnology in disease diagnosis: Meeting the needs of a changing world**
	Sumit Mitra, Molbio Diagnostics Pvt. Ltd, India
Panel Discussion	
Young Researchers Forum	
16:50-17:05	**Title: Production, purification and anticancer properties of therapeutic enzyme L-asparaginase from *Fusarium culmorum* ASP-87**
	Anil Kumar Meghavarnam, Bangalore University, India
17:05-17:20	**Title: Influence of climate change on production of secondary metabolites in medicinal plants: Review**
	Tulika Mishra, St.Joseph's College for Women, India
17:20-17:35	**Title: Development of nano-porous hydroxyapatite coated e-glass for potential bone-tissue engineering application: An *in vitro* approach**
	Arnab Mahato, CSIR-Central Glass and Ceramic Research Institute, India

17:35-17:50	**Title: *In silico* characterization of Plasmodium falciparum purinergic receptor: A novel chemotherapeutic target**
	Sonal Gupta, Shiv Nadar University, India
17:50-18:05	**Title: Reduced methylation potential in preterm pregnancies: Implication for epigenetic programming of the offspring**
	Vinita Khot, Bharati Vidyapeeth University, India
18:05-18:20	**Title: Effect of different phases of menstrual cycle on peak expiratory flow rate**
	Sneh Lata Garg, Post Graduate Institute of Medical Sciences, India
Panel Discussion	

Sapphire Ballroom 1	
Track 10: Environmental Biotechnology and sustainable development	
Chair: Ram Lakhan Singh, Dr. Ram Manohar Lohia Avadh University, India **Co-chair: Nidhee Chaudhary,** Amity Institute of Biotechnology, India	
11:00-11:20	**Title: Microbial decolorization of textile dye orange II by *Sphingomonas* Sp. RMLRK04**
	Ram Lakhan Singh, Dr. Ram Manohar Lohia Avadh University, India
11:20-11:40	**Title: Bio-ethanol from genetically modified *Pichia stipitis* heterologously expressing xylanase of *Thermomyces lanuginosus* DSM 28966/NCIM 1374**
	Smriti Shrivastava, Amity University, India
11:40-12:00	**Title: Conversion of two agrowastes; wheat straw and corn stover into bioethanol using simultaneous saccharification and fermentation process**
	Nidhee Chaudhary, Amity University, India
12:00-12:20	**Title: Design of synthetic-hybrid bacteriocins from enterocin E50-52 and pediocin PA-1 for therapeutic applications**
	Santosh Kumar Tiwari, Maharshi Dayanand University, India
12:20-12:40	**Title: Potential and application of thermophillic anaerobic bacterial consortium (TERIL146) for enhanced oil recovery**
	Meeta Lavania, The Energy and Resources Institute, India
12:40-13:00	**Title: Dual process of bioremediation and phytoremediation of Arsenic from contaminated industrial effluent: An alternative to traditional methods**
	Sharad Ratan Khandelwal, H.P.T. Arts and R.Y.K. Science College, India
Lunch Break 13:00-13:50	
13:50-14:10	**Title: Application of biocoagulants in dye wastewater treatment - Development of a new cavigulation methodology using cavitation and coagulation**
	Vinay M Bhandari, CSIR- National Chemical Laboratory, India
14:10-14:30	**Title: Degradation of Poly Aromatic Hydrocarbon (PAH) by biosurfactant producing bacterial strains**
	Suresh Deka, Institute of Advanced Study in Science and Technology (IASST), India
14:30-14:50	**Title: Phototrophic granular bioreactor system for converting carbon dioxide and wastewater to biomass for biofuels**
	Rajesh Kumar, Bhabha Atomic Research Centre, India
14:50-15:10	**Title: Genotoxicity evaluation and a primary risk assessment of organic and inorganic pollutants from industrial Effluent**
	Dalia Dasgupta Mandal, National Institute of Technology, Durgapur, India
15:10-15:30	**Title: Biochemical and histopathological responses of the Swiss albino mice treated with uranyl nitrate**
	Sangeetha Vijayan P, Yenepoya University, India
15:30-15:50	**Title: Assessment of population dynamics of biodegrading consortia in bonny light crude oil polluted agricultural soil using molecular and culture-based technique**
	Ogbulie Toochukwu Ekwutosi, Federal University of Technology , Nigeria
Coffee Break + 40 Posters 15:50-16:30	
16:30-16:50	**Title: Phytoremediation of heavy metals from the polluted soils**
	Rekha Kathal, University of Delhi, India

16:50-17:10	**Title: Studies on feasibility of processing dry leaves by Nisargruna bio-gas technology**
	Poulomi Mukherjee, Bhabha Atomic Research Centre, India
17:10-17:30	**Title: Co-biodegradation study of resorcinol and cresol in wastewater by mixed microbial culture: Kinetic model and factorial design approach**
	Sudipta Dey, Heritage Institute of Technology, India
17:30-17:50	**Title: Production of biosurfactant and their role in bioremediation**
	Uma Aulwar, Sir Parshurambhau College, India
17:50-18:10	**Title: Natural degradation of low density polyethylene by the aid of a novel *Pseudomonas* species: An *in vitro* to *in silico* approach**
	Archana Tiwari, Rajiv Gandhi Proudyogiki Vishwavidyalaya , India
Young Researchers Forum	
18:10-18:25	**Title: Analysis of naphthalene and phenanthrene degradation catabolic genes of phyllosphere bacterial strains, Alcaligenes faecalis and Alcaligenes sp. DN25**
	L J S Undugoda, University of Kelaniya, Sri Lanka
18:25-18:40	**Title: Copper nanoparticles obtained from reduction of Cu2+ ions by ascorbic acid in matrix of starch: A green approach for fabrication**
	Henam Sylvia Devi, National Institute of Technology, India
18:40-18:55	**Title: Environmental, economic and agricultural surveys of an ecologically important forest hamlet in Darjeeling district, West Bengal, India**
	Sayan Bhattacharya, Rabindra Bharati University, India
Panel Discussion	

Day 3 October 07, 2015	
Crystal Ballroom 1	
Track 1: Biotechnology in Agriculture	
Chair: Veena Agrawal, University of Delhi, India **Co-chair: Rajinder Singh Chauhan,** Jaypee University of Information Technology, India	
Session Introduction	
09:00-09:20	**Title: Biopurification system for a pesticides mixture degradation**
	M Cristina Diez Jerez, Universidad de La Frontera, Chile
09:20-09:40	**Title: Quality parameters to regulate herbal raw material of a pharmacologically important medicinal herb *Picrorhiza kurroa***
	Rajinder Singh Chauhan, Jaypee University of Information Technology, India
09:40-10:00	**Title: *In vitro* production of hypericin rich shoots of Hypericum perforatum**
	Hemant Sood, Jaypee University of Information Technology, India
10:00-10:20	**Title: Plant genetic resources: Advancing conservation and use through biotechnology**
	Jyoti Kumari, ICAR-National Bureau of Plant Genetic Resources, India
10:20-10:40	**Title: Biotechnological potential of industrial residues as substrates for bionematicide development**
	Abhishek Sharma, Indian Institute of Technology, New Delhi, India
Coffee Break + 40 Posters 10:40-11:10	
11:10-11:30	**Title: Encapsulation of beneficial microorganisms as agricultural inoculants**
	Sunita Gaind, ICAR-Indian Agricultural Research Institute, India
11:30-11:50	**Title: Study the effect of growth factors and comparative analysis of *in vitro* grown *Vigna* species**
	Susmita Shukla, Amity University, India
Young Researchers Forum	
11:50-12:05	**Title: Leaves extract of Damdei, Lamka for the synthesis of mixed oxide of Zn nanoparticles: Truly biogenic method**
	Heikham Farida Devi, National Institute of Technology, India

12:05-12:20	**Title: Purification and characterization of a 32kD β-glucosidase (SeAFP32) having antifungal activity from the seeds of *Sechium edule* (Jacq.) Swartz**
	Neeta Pathaw, North Eastern Hill University, India
12:20-12:35	**Title: Accumulation of carotenoids and expression of carotenoid biosynthetic genes during maturation in rice grains (*Oryza sativa* L.)**
	Upasna Chettry, North Eastern Hill University, India
12:35-12:50	**Title: Transformation of apple rootstock MM 111 with chitinase gene and its influence on shoot regeneration**
	Arjun Chauhan, Dr. Yashwant Singh Parmar University of Horticulture and Forestry, India
12:50-13:05	**Title: Strong cytotoxic potential and anti-proliferative effect of *Nardostchys jatamansi* DC herbal extract on human glioblastoma cell lines as revealed by bioanalytical tools**
	Himanshi Kapoor, University of Delhi, India
Lunch Break 13:05-13:50	
13:50-14:05	**Title: Establishment of high Plumbagin (an anticancerous compound) yielding hairy root lines of *Plumbago zeylanica* through *Agrobacterium rhizogenes* mediated transformation**
	Upasana Sharma, University of Delhi, India
14:05-14:20	**Title: *In vitro* induction of multiple shoots and roots of *Curcuma caesia* Roxb on a single medium**
	Ibemhal D Asem, Central Agricultural University, India
14:20-14:35	**Title: Role of interacting B-ZIP transcription factors in *Arabidopsis thaliana* seed development: Use of a designed dominant negative protein**
	Prateek Jain, National Agri Food Biotechnology Institute, India
14:35-14:50	**Title: Screening of male and female plants and genetic diversity studies in Jojoba [*Simmondsia chinensis* (Link) Schneider] employing PCR based molecular markers.**
	Jatin Kumar, University of Delhi, India
14:50-15:05	**Title: Evaluation of status of pulsed field gel electrophoresis as a molecular typing technique in Indian S.Typhi strains**
	Meenakshi Chaudhary, Lady Hardinge Medical college, India
Panel Discussion	

Crystal Ballroom 2	
Track 3: Food and Bioprocess Technology Track 11: Aquaculture and Marine Biotechnology Track 12: Current Scenario of Biotechnology	
Chair: B K Malik, Sharda University, India **Co-chair: Shiv Kant Shukla,** Biotech Consortium India Limited (BCIL), India	
09:00-09:20	**Title: An overview on status of biotechnology parks in India**
	Shiv Kant Shukla, Biotech Consortium India Limited (BCIL), India
09:20-09:40	**Title: Genetic diversity and relationship of oil palm germplasm as revealed by microsatellite (SSR) markers**
	K Sunil Kumar, Indian Institute of Oil Palm Research, India
09:40-10:00	**Title: Isolation, cloning, characterization and phylogenetic analysis of candidate reference genes from tuberose *Polianthes tuberosa***
	Jayanthi M, Indian Agricultural Research Institute, India
10:00-10:20	**Title: Nanostructures: Challenges and future perspectives**
	Suprava Patel, All India Institute of Medical Sciences, Raipur, India
10:20-10:40	**Title: Personalized medicine v/s ayurveda (a critical review)**
	Manoj Kumar Sharma, Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, India
Coffee Break + 40 Posters 10:40-11:10	
11:10-11:30	**Title: Micro-heterogenicity analysis, the antecedent for single nucleotide based allele specific invasive cleavages in multiple copy genes: Exemplified with 23S rrn restriction profiling for detection and categorizing clonal, pathogenic and phylo groups of *E. coli***
	Sunita Singh, D Y Patil University, India

11:30-11:50	**Title: Patentability of genes and products of natural origin in us and issues associated with the biodiversity act of India and their implications on biotechnology**
	Durgesh Mukharya, K&S Partners, India
11:50-12:10	**Title: Comparative study of two antigens of *Edwardsiella tarda* as DNA vaccine candidates in *Labeo rohita***
	Megha Kadam Bedekar, Central Institute of Fisheries Educaion, India
12:10-12:30	**Title: Synthesis of iron nanoparticles (FeNp) from natural extracts and its characterization**
	Priti Malhotra, Daulat Ram College, India
12:30-12:50	**Title: Development of surrogate broodstock for natural fishery resources management**
	Sullip Kumar Majhi, National Bureau of Fish Genetic Resources, India
12:50-13:10	**Title: Characterization and transcriptional profile of novel immune relevant cystatin genes in hypoxia tolerant Indian catfish, *clarias magur* (Hamilton 1822)**
	Vindhya Mohindra, National Bureau of Fish Genetic Resources, India
Lunch Break 13:10-13:50	
Young Researchers Forum	
13:50-14:05	**Title: Kinetics of thermal inactivation of L-glutaminase from L-glutaminase from *Bacillus cereus* MTCC 1305**
	Priyanka Singh, Banasthali University, India
14:05-14:20	**Title: Biohydrogen production from rice straw using a designed single chambered microbial electrolytic cell reactor**
	Piyush Parkhey, National Institute of Technology, Raipur, India
14:20-14:35	**Title: Synthesis and characterization of green nanoparticles and their effect on seed germination**
	Sudipta Panja, Panskura Banamali College, India
14:35-14:50	**Title: Study of antibacterial activity of perovskite nanocubes of sodium potassium niobate (Na0.5K0.5NbO3)**
	Deepak Mohan Kapse, University of Mumbai, India
14:50-15:05	**Title: Morphological dependence of ZnO nanostructures on antibacterial activity**
	Pooja Jaiswal, University of Mumbai, India
15:05-15:20	**Title: Thioredoxin fused molt-inhibiting hormone and polyclonal antisera: Effect on molt duration in *Penaeus monodon***
	Vrinda Sukumaran, Cochin University of Science and Technology, India
15:20-15:35	**Title: Ammonia oxidizing bacteria and archaea in zero water exchange shrimp culture systems managed with bioremediation based on functional gene amoA analyses**
	Ramya R Nair, Cochin University of Science and Technology, India
15:35-15:50	**Title: Myeloid-derived suppressor cells as a potential therapeutic target for women with early miscarriage**
	Rohini Ravindran Nair, Banaras Hindu University, India
Panel Discussion	

Sapphire Ballroom 1	
Track-10: Environmental Biotechnology and sustainable development	
Chair: Ram Lakhan Singh, Dr. RML Avadh University, India **Co-chair: Nidhee Chaudhary,** Amity Institute of Biotechnology, India	
09:00-09:20	**Title: Nuclear receptors in invertebrates: An overview in the context of regulation of growth and reproduction**
	Anilkumar Gopinathan, VIT University, India
09:20-09:35	**Title: Challenges for bacterial population in microbial fuel cells surrounded by unwittingly co-inoculated inhibitors**
	Iti Sharma, Indian Institute of Technology, Kharagpur, India
09:35-09:50	**Title: Impact of heavy metal stress on *in vitro* plant productivity, evaluation of anti-oxidative enzymes, ultra-structural changes, protein profiling and DNA damage in *Cassia angustifolia* Vahl. a medicinal legume**
	Rajeshwari, University of Delhi , India

09:50-10:05	**Title: An effective biosorbent for the removal of Lead and Barium- A preliminary study**
	Sriharsha D V, Bangalore University, India
10:05-10:20	**Title: Flow- through bioreactor for radioactive waste purification**
	A Safonov, Russian Academy of Sciences, Russia
10:20-10:35	**Title: Xylitol production from water hyacinth biomass using acid catalyst and optimisation of process parameters for increasing xylose yield**
	Premsunder Ghosh, Central Mechanical Engineering Research Institute, India
	Coffee Break + 40 Posters 10:40-11:20
Track-9: Bioinformatics and Biosensor Track-13: Tissue science and engineering	
Chair: S V Eswaran, UNESCO-DBT Regional Centre for Biotechnology, India **Co-chair: Yasha Hasija,** Delhi Technological University, India	
11:20-11:40	**Title: Cataractogenesis: Can cataract be delayed or reversed?**
	S V Eswaran, UNESCO-DBT Regional Centre for Biotechnology, India
11:40-12:00	**Title: MicroRNAs and epigenetics in Alzheimer's disease : Study from the whole human genome**
	Debjani Roy, Bose Institute, India
12:00-12:20	**Title: ARDs: Connecting the dots**
	Yasha Hasija, Delhi Technological University, India
12:20-12:40	**Title: Antimicrobial activity of *Curcuma longa, Ocimum sanctum* and *Musa sapientum*: *In silico* and *in vivo* study**
	Abha Mishra, Indian Institute of Technology(BHU), India
12:40-13:00	**Title: Computational design approach to develop a novel inhibitor of GRIK1 fighting against Japanese encephalitis**
	Partha Pratim Kalita, Assam Down Town University, India
	Lunch Break 13:00-13:50
13:50-14:10	**Title: A Hybrid approach for identifying 5' splicing junction with higher accuracy**
	Prabina Kumar Meher, Indian Agricultural Statistics Research Institute, India
14:10-14:30	**Title: Regulatory relationship of micrornas in Alzheimer and Huntington diseases: A cladistic approach**
	Prachi Srivastava, AMITY University, India
14:30-14:50	**Title: A structure based approach to search potential inhibitors of human calcium-calmodulin dependent protein kinase IV**
	Md Imtaiyaz Hassan, Jamia Millia Islamia University, India
14:50-15:10	**Title: A preliminary work on the micro propagation of Melothria perpusilla, (Local name, Lam Thabi), a time tested medicinal plant used in traditional treatment in liver diseases in Manipur**
	O Premila Chanu, Modern College, India
	Young Researchers Forum
15:10-15:25	**Title: From protein expression data to molecular dynamic simulation: Analysis of GRIP1 PDZ6 domain in AD**
	Paulami Chatterjee, Bose Institute, India
15:25-15:40	**Title: A combined structure and ligand based approach to design novel, selective PDE4b inhibitors**
	Vidushi Sharma, University of Delhi, India
	Panel Discussion
12:00-12:40	**October 05, 2015 Poster Presentations**
IBC-001	**Title: Review on advances in forest biotechnology**
	Mhaiskar Priya Rajendra, Dr Y S Parmar University of Horticulture and Forestry, India
IBC-002	**Title: Effect of Kanamycin and Cefotaxime on cultured tissues of broccoli (*Brassica oleracia* L. var. *italica*) and its role in genetic transformation studies**
	Pankaj Kumar, Dr Y S Parmar University of Horticulture and Forestry, India
IBC-003	**Title: Proteogenomics based strategy for identification of Fe and Zn transporters: Common bean as a case study**
	Reetika Mahajan, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, India

IBC-004	**Title: Marker-assisted selection of water efficient aerobic rice lines with intact Basmati grain characteristics**
	Rahul Kumar Meena, Chaudhary Charan Singh Haryana Agricultural University, India
IBC-005	**Title: Role of ADP-glucose pyrophosphorylase for thermo-tolerance in developing grains of Wheat (*Triticum aestivum* L. em. Thell)**
	Ravi Mehndiratta, Chaudhary Charan Singh Haryana Agricultural University, India
IBC-006	**Title: Genotype dependent direct embryogenesis and plant regeneration from immature embryos of oil palm *Elaeis guineensis***
	Jayanthi M, Indian Agricultural Research Institute, India
IBC-007	**Title: Genetic diversity and phylogenetic analysis of Indian wild rice germplasm based on 50K genotyping chip**
	Nisha Singh, Indian Agricultural Research Institute, India
IBC-008	**Title: Regeneration and *Agrobacterium*-mediated transformation in *Brassica juncea* L. Czern. & Coss.**
	Disha Kamboj, Chaudhary Charan Singh Haryana Agricultural University, India
IBC-009	**Title: Identification of QTLs for morpho-physiological traits in WL711/C306 wheat RIL population under water deficit stress environments**
	Kalpana Singh, Indian Agricultural Research Institute, India
IBC-010	**Title: Mechanism of salt stress tolerance in Pigeon pea**
	Sufia Farhat, Indian Agricultural Research Institute, India
IBC-011	**Title: Increasing the yield through improving 12 mega rice varieties using a dominant QTL qGN4-1 for high grain number**
	Vijay Kumar Singh, National Research Center on Plant Biotechnology, India
IBC-012	**Title: Appraisal of molecular phylogeny of *Coccinia* species employing chloroplast markers**
	Mala Parab, D Y Patil University, India
IBC-013	**Title: Molecular phylogenetics betwixt *Cucurbitaceae* spp. appraised by cpDNA and nDNA**
	Sunita Singh, D Y Patil University, India
IBC-014	**Title: Physio-morphological and mineral contents (iron and zinc) analysis in PAU201 × Palman579 derived BC1F5 population in rice (*Oryza sativa* L.)**
	Amit Pippal, Chaudhary Charan Singh Haryana Agricultural University, India
IBC-015	**Title: Genome-wide identification and characterization of phosphate transporters from wheat with their possible role during grain development**
	Vishnu Kumar Shukla, National Agri-Food Biotechnology Institute ,India
IBC-016	**Title: Molecular analysis of Basmati x indica (salt tolerant) derived segregating population(s) in rice (*Oryza sativa* L.)**
	Mahavir, Chaudhary Charan Singh Haryana Agricultural University, India
IBC-017	**Title: Genetic diversity in Pearl millet inbred lines using SSR markers**
	Sonali Sangwan, Chaudhary Charan Singh Haryana Agricultural University, India
IBC-018	**Title: Sequence and recombination analysis of the *AC1* gene of mungbean yellow mosaic virus isolates**
	Meenakshi Sindhu, Maharshi Dayanand University, India
IBC-019	**Title: Cloning of NBS-LRR gene and its application as a biocontrol agent**
	Sri Ram A, Amity Institute of Biotechnology, India
IBC-020	**Title: Cloning and molecular characterization of orthologues of bacterial leaf blight resistance gene *Xa27* from wild species of rice**
	Sangeeta Singh, National Research Centre on Plant Biotechnology, India
IBC-021	**Title: Exploring miRNA like small RNAs in Puccinia striiformis using in-silico approach**
	Deepika Kulshreshtha, Indian Agricultural Research Institute, India
IBC-022	**Title: Evaluation of potential rhizobacterial isolates associated with *Spinacea oleracea* for their plant growth promoting activities**
	Indranil Sarkar, Manav Rachna International University, India

IBC-023	**Title: Rapid callus induction and culturing of *Allium sativum* using different phyto-hormonal combinations**
	Apeksha Srivastava, Amity University, India
IBC-024	**Title: Cloning and characterization of an endosperm-specific legumin-type seed storage protein gene of common buckwheat (*Fagopyrum esculentum* Moench)**
	Lashaihun Dohtdong, North Eastern Hill University, India
IBC-025	**Title: Evaluation of pathogenic potential and survival of *Rhizoctonia solani* isolates in rhizosphere of different wheat genotypes using conventional and real time PCR techniques**
	Bhupendra Singh Kharayat, ICAR-Indian Agricultural Research Institute, India
IBC-026	**Title: Synthesis of catalase encapsulated silica nanoparticles**
	Girish C Mohanta, Central Scientific Instruments Organisation (CSIR-CSIO), India
IBC-027	**Title: Effect of different carbon sources and elicitors on the production of asiaticoside from *Centella asiatica***
	Koyel Kundu, Delhi Technological University, India
IBC-028	**Title: Effect of different media on the shoot initiation of *Centella asiatica***
	Arpita Roy, Delhi Technological University, India
IBC-029	**Title: Molecular diversity analysis in cluster bean genotypes using EST-SSRs for disease resistance**
	Aditi Taneja, CCS Haryana Agricultural University, India
IBC-030	**Title: Identification of *Arabidopsis* candidate genes in response to biotic and abiotic stresses using comparative microarrays**
	Arjun Sham, United Arab Emirates University, UAE
IBC-031	**Title: Natural products for the treatment of epilepsy**
	Gauransh Jain, Aditi Khare, Jaypee Institute Of Information Technology, India
IBC-032	**Title: SNP markers to study functional polymorphism in fatty acid desaturases of Indian sesame germplasm**
	Nupur Mondal, National Bureau of Plant Genetic Resources, New Delhi, India
IBC-033	**Title: Quantification of phytochemicals and evaluation of antioxidant potential of ethanolic leaf extract of *Terminalia bellerica, Terminalia chebula* and *Emblica officinalis* vis-a-vis Triphala**
	Rasna Gupta, Dr. R.M.L. Avadh University, India
IBC-034	**Title: Autophagy related gene 5 (rs17587319) variants in asthmatic patients in north Indian population**
	Durga Jha, Jaypee University of Information Technology, India
IBC-035	**Title: Preparation and characterization of a semi synthetic cryogel matrix for tissue engineering applications**
	Mathew Peter, IIT (Bombay), India
IBC-036	**Title: Development of hydroxyapatite based modified integrated orbital implant with superior motility**
	Itishree Ratha, CSIR-Central Glass and Ceramic Research Institute, India
IBC-037	**Title: Development and characterization of different mesoporous bioactive glass nanopowders and their *in vitro* bioactivity**
	Akrity Anand, CSIR-Central Glass and Ceramic Research Institute, India
IBC-038	**Title: Molecular screening of different CTX-M gene sub-group by PCR-DGGE in *E. coli* isolates from UTI patients**
	Asif Anas, Jamia Millia Islamia, India
IBC-039	**Title: A comparative study of the performance of loop mediated isothermal amplification (LAMP) and PCR for diagnosis of gonorrhea**
	Shazia Shaheen Mir, Jamia Millia Islamia, India
IBC-040	**Title: Laboratory diagnosis of typhoid fever using Widal and blood culture methods in Aba, southeastern Nigeria**
	Ezeigbo Obiageli Roseline, Abia State Polytechnic, Nigeria
10:20-11:00	**October 06, 2015 Poster Presentations**
IBC-041	**Title: Green synthesis of silver nanoparticles using weed plants and study the antimicrobial properties of the synthesized nanoparticles**
	Abha Verma, IFTM University, India
IBC-042	**Title: Antilithiatic potential of kidney stone matrix proteins on oxalate injured renal epithelial cells**
	Shifa Narula, Amity University, India

IBC-043	**Title: Modulation of calcium oxalate crystals morphology by aqueous extract of *Tribulus terrestris*** **Jyoti Kaushik,** Amity University, India
IBC-044	**Title: Protein-protein interaction studies of apolipoproteins family to decipher link between metabolic disorders** **Anisha Jain,** Amity University, India
IBC-045	**Title: LilrB2 inhibition unlocks a new hope in Alzheimer's disease therapy** **Ruchi Jakhmola Mani,** Amity University, India
IBC-046	**Title: PPARG: A possible target for type-2 diabetes induced Dementia** **Khyati Mittal,** Amity University, India
IBC-047	**Title: Unraveling the Alzheimer's neuronal microcircuitory through pseudotyped Vesicular stomatitis virus** **Simran jeet Kaur, Arshia Berry,** Amity University, India
IBC-048	**Title: Identification of material for development of indigenous HCV standard for qualitative nucleic acid amplification techniques, a make in India initiative** **Manoj Kumar Rajput,** National Institute of Biologicals, India
IBC-049	**Title: Prevention of chronic renal failure post transplantation** **Chirag Mohan Sharma, Garima Singh,** Amity University, India
IBC-050	**Title: Screening of L-asparaginase producing microorganisms using different dyes** **Archana Vimal,** National Institute of Technology (Raipur), India
IBC-051	**Title: Some parameters of partially purified superoxide dismutase isolated from Fenugreek (*Trigonella foenum-graecum*): A therapeutic enzyme** **Nameet Kaur,** Amity University, India
IBC-052	**Title: Downstream processing of phytase from *Bacillus* MCCB 242 employing aqueous two phase extraction** **Sareen Sarah John,** Cochin University of Science and Technology, India
IBC-053	**Title: Antibiotic resistance pattern in *Escherichia coli* isolated from 'Panipuri', a street food from Guwahati city, Assam, India** **Nadia Ullah,** Gauhati University, India
IBC-054	**Title: Free radicals scavenging, antihyperglycemic and antihyperlipidemic activities in vegetable's peel** **Ambati Anusha Raju,** CSIR- Indian Institute of Chemical Technology, India
IBC-055	**Title: Banana flower as potential source of antidiabetic and antioxidant activities** **Ajay Anand,** CSIR-Indian Institute of Chemical Technology, India
IBC-056	**Title: The expression of rat serine/threonine protein kinase A-Raf is down-regulated in primary liver cancer** **Maryam Ranjpour,** Jamia Hamdard University, India
IBC-057	**Title: Modeling and docking studies of DKK-1, a novel receptor in HCC pathway** **Sandhya Hora Wadhawan,** Amity University, India
IBC-058	**Title: Synergistic formulation for chemoprevention of hepatocellular carcinoma** **Savita Mishra,** Amity University, India
IBC-059	**Title: Heterologous expressionof lipase YLIP9 from *Yarrowia lipolytica* MSR80: effect of host-vector combinations, fusion tags and codon usage** **Poonam Syal,** University of Delhi, India
IBC-060	**Title: Expression analysis of novel small RNAs of *Propionibacterium acnes* KPA171202** **Puneet Kaur,** Punjabi University, India
IBC-061	**Title: Immobilized metal-organic frameworks films for bio-sensing applications** **Atal Anudeep Singh Gill,** Central Scientific Instruments Organisation (CSIR-CSIO), India
IBC-062	**Title: A low-cost alternative expression system for recombinant protein production in *Schizosaccharomyces pombe*** **Suchita Srivastava,** CSIR- Institute of Microbial Technology, India
IBC-063	**Title: Antiproliferative properties of probiotic *Pediococcus acidilactici* MTCC 5101** **Tejinder Kaur,** Punjabi University, India

IBC-064	**Title: Expression of β3 and α2A adrenergic receptor in the hypothalamus and pancreas of high fat simple carbohydrate fed C57BL/6J male mice**
	Neena Roy, St. Aloysius College (Autonomous), India
IBC-065	**Title: Cellular intrinsic immunity of SAMHD1 to retroviruses**
	Kwangseog Ahn, Seoul National University, South Korea
IBC-066	**Title: Identification of a novel hepatocyte nuclear factor-1 transcription factor binding site on polycystic kidney disease-1 gene promoter**
	Varsha Singh, Panjab University, India
IBC-067	**Title: Gender identification in dioecious *Populus ciliata* using molecular and morphological markers**
	Amita Kumari, Shoolini University of Biotechnology And Management Sciences, India
IBC-068	**Title: Altitudinal variation of oleoresin yield in different needle color morphotypes of *Pinus roxburghii***
	Prerna Bhardwaj, Shoolini University, India
IBC-069	**Title: The role of gut microbiota produced short chain fatty acids (SCFAs) in adiposity and inflammation in obesity and type 2 diabetes**
	Parth Rajput, Nirma University, India
IBC-070	**Title: NF-κB: A new candidate in cigarette smoke-induced atherosclerosis**
	Alok K Sil, University of Calcutta, India
IBC-071	**Title: An upstream open reading frame and two *cis*-acting sequence elements in mouse utrophin-A 5'-UTR repress cap-dependent translation**
	Trinath Ghosh, University of Kalyani, India
IBC-072	**Title: Development of RAPD-sequenced characterized amplified region marker for the identification of *Viola serpens* Wall. Ex Ging**
	Shipra Rani Jha, Jamia Hamdard, India
IBC-073	**Title: Modulation of anti tuberculosis drugs induced toxicity in spleen and bone marrow chromosomes of Wistar rats by using Berberis aristata extract**
	Radhika Sharma, Panjab University, India
IBC-074	**Title: Molecular mechanisms of arsenic uptake, bioaccumulation and biotransformation in plants**
	Suchetana Sarkar, Asutosh College, India
IBC-075	**Title: Prevalence of metabolic syndrome in CVD patients in North India**
	Raminderjit Kaur, Guru Nanak Dev University, India
IBC-076	**Title: Genetic association study of MBL-2 gene polymorphisms with RA**
	Manpreet Kaur, Guru Nanak Dev University, India
IBC-077	**Title: Protective effect of MBL-2 Y/X single nucleotide polymorphism in vulvovaginal infections**
	Namarta Kalia, Guru Nanak Dev University, India
IBC-078	**Title: Unraveling the molecular mechanism underlying disorders of sex development**
	Gaganpreet Kaur, University of Birmingham, UK
IBC-079	**Title: Analysis of salt tolerance and ion homeostasis in non-conventional yeast *Zygosaccharomyces bisporous***
	Akshya Sharma, Panjab University, India
IBC-080	**Title: Phosphinic acid derivative doped polyaniline for heavy metal sensing**
	Sanjeev K Bhardwaj, Central Scientific Instruments Organisation (CSIR-CSIO), India
15:50-16:30	**October 06, 2015 Poster Presentations**
IBC-081	**Title: Menstrual fluid as stem cells in organ rejuvenation and regeneration**
	Kavya Mamgain, Thomas Charles Guest, Amity University, India
IBC-082	**Title: Profiling of testicular proteome during the first wave of spermatogenesis in mouse**
	Nomesh Yadu, Rajiv Gandhi Centre for Biotechnology, India
IBC-083	**Title: Exploring the role of *Anopheles stephensi* heme peroxidase in mosquito innate immunity**
	Tania Pal Choudhury, BITS Pilani, India

IBC-084	**Title: Carragheen Molecular Marker Database (CaMM-Db): A comprehensive database for Carragheen (*Chondrus crispus*) molecular markers**
	Jyotika Bhati, Centre for Agricultural Bioinformatics, India
IBC-085	**Title: Exopolysaccharide production, related gene alr2882 expression and chemical characterization using FTIR in *Anabaena* sp. PCC 7120 under different CaCl2 regimes**
	Savita Singh, Banaras Hindu University(IIT), India
IBC-086	**Title: Improving biomass production for two biofertilizers strains of Azotobacter chroococcum at laboratory level**
	Andres Diaz, Tibaitatá Research Center, Colombia
IBC-087	**Title: Efficient biosynthesis of silver nanoparticles using *Aeromonas dhakensis* and their antibacterial activity against ESBLs producing waterborne pathogens**
	Aftab Hossain Mondal, Jamia Millia Islamia, India
IBC-088	**Title: Microbial involvement in cause and treatment of Alzheimer's disease**
	Pushpendra Mishra, Delhi Technological University, India
IBC-089	**Title:Biofilm formation by plant growth promoting rhizobacteria and its relevance in root colonization and survival in rice rhizosphere**
	Firoz Ahmad Ansari, Aligarh Muslim University, India
IBC-090	**Title:Application of nested multiplex PCR to detect Mycobacterium tuberculosis DNA from clinical samples**
	Pallavi Sinha, Banaras Hindu University(IIT), India
IBC-091	**Title: Contribution of efflux pump in drug resistance of fluoroquinolone resistant *Mycobacterium tuberculosis* isolates**
	Richa Kumari, Banaras Hindu University(IIT), India
IBC-092	**Title: *Oceanobacillus* sp HM6, a novel glutenase positive microbe isolated from human gut**
	Jitendra Kumar, Maharshi Dayanand University, India
IBC-093	**Title: Heterologous expression and characterization of a novel S-enantioselective lipase TALipB from *Trichosporon asahii* MSR54: Kinetics, conformational stability and homology modeling**
	Yogesh Singh, Delhi Technological University, India
IBC-094	**Title: Anticariogenic properties of certain naturally occurring polyphenols targeting *Streptococcus mutans***
	Dimple Goyal, Panjab University, India
IBC-095	**Title: A study on resistance pattern of ESBLs producing bacterial inhabitants of Delhi stretch of river Yamuna**
	Kehkashan Siddiqui, Jamia Millia Islamia, India
IBC-096	**Title: Urban river environment as a repertoire of resistance genes: a novel variant of blaCTX-M identified from river Yamuna, India**
	Mudsser Azam, Jamia Millia Islamia, India
IBC-097	**Title: Preponderance of CTX-M type β-lactamases producing bacterial isolates in river Yamuna**
	Mohammad Tahir Siddiqui, Jamia Millia Islamia, India
IBC-098	**Title: Opportunistic fungal infections in HIV/AIDS patients in India**
	Megh Singh Dhakad, Lady Hardinge Medical College, India
IBC-099	**Title: Molecular screening of *Neisseria gonorrhoeae, Chlamydia trachomatis, Mycoplasma genitalium* and *Ureaplasma urealyticum* infection with infertility patients in north India**
	Amit Roy, Postgraduate institute of Medical Education and Research, India
IBC-100	**Title: Evaluation of different reservoir souring control strategies in oil field simulating columns**
	Ganshyam Prajapat, Central University of Rajasthan, India
IBC-101	**Title: Genetic elements associated with multidrug resistant diarrhoeagenic *E. coli* isolates from children below five years of age**
	Taru Singh, University College of Medical Sciences, India
IBC-102	**Title: APPC -Antibacterial Potential of *Prosopis cineraria* (Linn.) Druce**
	Savita Khatri, Maharshi Dayanand University, India

IBC-103	**Title: Applications of microbial strains in chromium degradation and removal from contaminated water and wastewater**
	Sunistha Bhattacharjee, Asutosh College, India
IBC-104	**Title: Characterization of *Pseudomonas aeruginosa* nitroreductase for improved prodrug CB1954 activation**
	Razia Kutty, Savitribai Phule Pune University, India
IBC-105	**Title: Suppression of weed *Lathyrus aphaca* (L.) growth by 5-aminolevulinic acid producing rhizobacterial isolates**
	Manisha Phour, Chaudhary Charan Singh Haryana Agricultural University, India
IBC-106	**Title: Analysis of microbial communities from oil contaminated sites by NGS sequencing**
	Abhisek Dasgupta, North East Institute of Science and Technology, India
IBC-107	**Title: Isolation and identification of endophytic fungi from *Melia azedarach* L. from eastern Ghats, Tamil Nadu**
	D Arvind Prasanth, Periyar University, India
IBC-108	**Title: Characterization of metal tolerant bacteria from polluted river**
	Neeta Bhagat, Amity University, India
IBC-109	**Title: Bio-conjugation of metal-organic frameworks with bacteriophage for bacterial detection**
	Neha, CSIR-Central Scientific Instruments Organisation, India
IBC-110	**Title: Study of antimicrobial resistance, ESBL production and hemolysin production in uropathogenic *E. coli***
	Pallavi Wanjari, Vishakha Clinical and Microbiology Laboratory, India
IBC-111	**Title: Isolation, identification and antibiogram pattern of organism from cases of bovine mastitis in cow around Salem district Tamil Nadu, India**
	K C P Rajamanikandan, Periyar University, India
IBC-112	**Title: Determination of minimum inhibitory concentration of *Chrysobacterium indolegenes* HMT 47 isolated from Zawar mines, Udaipur, Rajasthan, India**
	Harshada Joshi, Mohanlal Sukhadia University, India
IBC-113	**Title: 16s rRNA sequence analysis of Indian isolates of *Pasteurella multocida***
	Viswas Konasagara Nagaleekar, Indian Veterinary Research Institute, India
IBC-114	**Title: Therapeutic potential of two different doses of human bone marrow derived mesenchymal stromal cells in treating liver cirrhosis**
	Ashwini Aithal P, Manipal University, India
IBC-115	**Title: Evaluation of stable reference genes and expression analysis of ATP1A1 gene in various tissues of riverine buffaloes (*Bubalus bubalis*)**
	Ramneek Kaur, Panjab University, India
IBC-116	**Title: Polymorphism in prolactin promoter region and egg production performance in Kadaknath hens**
	Shiv Kumar Yadav, Narendra Deva University of Agriculture & Technology, India
IBC-117	**Title: Protein profile of seminal plasma of Murrah buffalo bulls**
	Brijendra Mani Yadav, Narendra Deva University of Agriculture & Technology, India
IBC-118	**Title: Proteome profiling of Sahiwal cow saliva**
	Gautam kumar, National Dairy Research Institute, India
IBC-119	**Title: Solution-Processed PEDOT: PSS/Graphene composites as the electroactive paper for biosensor application**
	Saurabh Kumar, Delhi Technological University, India
IBC-120	**Title: Highly efficient bio-functionalized nanostructured Hafnia based non-invasive biosensor for oral cancer detection**
	Suveen Kumar, Delhi Technological University, India
10:40-11:10	**October 07, 2015 Poster Presentations**
IBC-121	**Title: Molecular evolution of antimicrobial peptides- Cecropin, Defensin and Gambicin in Mosquitoes**
	Neelam Sehrawat, Maharshi Dayanand University, India
IBC-122	**Title: *In-silico* study of cannabinoids in neurodegenerative disorders**
	Abhishek Shrivastava, Delhi Technological University, India

IBC-123	**Title: Rationally designed peptides modulate the activity of *Bacillus anthracis* MoxT ribonuclease.**
	Sudhir Kumar, HNB Garhwal University, India
IBC-124	**Title: A rare earth metal oxide based electrochemical immunosensor for non-invasive oral cancer detection**
	Shweta Panwar, Delhi Technological University, India
IBC-125	**Title: Protein functionalized nanostructured zirconia based electrochemical immunosensor for cardiac troponin I detection**
	Divya Dubey, Delhi Technological University, India
IBC-126	**Title: Protein functionalized nanostructured zirconia decorated reduced graphene oxide based biosensor for food toxin detection**
	Niharika Gupta, Delhi Technological University, India
IBC-127	**Title: Phylogenetic reconstruction of some species of Indian termites based upon mitochondrial gene data**
	Neha Goyal, Panjab University, India
IBC-128	**Title: Identification and characterization of novel drug targets against Glutamate racemase of *Mycobacterium tuberculosis***
	Alka Pawar, University of Delhi, India
IBC-129	**Title: Identification of candidate lipoxygenase genes using expression data in different disease condition**
	Vijay Kumar Garg, Sam Higginbottom Institute of Agriculture, Technology and Sciences, India
IBC-130	**Title: Immunosensing of Parathion using functionalized Graphene immobilized screen printed carbon electrode**
	Jyotsana Mehta, CSIR-Central Scientific Instruments Organisation, India
IBC-131	**Title: Environmental biotechnology and sustainable development studies on cellulose production by *Bacillus species***
	Yogita Lugani, Punjabi University, India
IBC-132	**Title: Bio-degradation of Acetamiprid from Wetland wastewater using indigenous *Micrococcus luteus* strain SC 1204: Optimization, evaluation of kinetic parameter and toxicity**
	Tiyasha Kanjilal, Jadavpur University, India
IBC-133	**Title: Antioxidative defense response of selenium by hyper accumulator plant *Brassica rapa* var. Ps66 and Toria towards phytoremediation**
	Akanksha Sao, Rani Durgawati University, India
IBC-134	**Title: Lead bioremediation using bacteria isolated from industrial effluent**
	Indranil Choudhuri, Panskura Banamali College, India
IBC-135	**Title: Biodegradation of chrysene by *Ochrobactrum intermedium* and *Enterobacter* sp. isolated from the surrounding soil of Mathura oil refinery**
	Nimisha Patel, Jamia Millia Islamia, India
IBC-136	**Title: Hydrogeochemical characterizations of two ecologically sensitive mountain hamlets situated in North Bengal, India**
	Sayan Bhattacharya, Rabindra Bharati University, India
IBC-137	**Title: Co-digestion with Poultry feathers enhances biogas production from Bagasse**
	Gopinathan Chengalath, University of Calicut, India
IBC-138	**Title: Utilization of agro/industrial wastes for high-level expression of recombinant endo-mannanase by *Escherichia coli* and its application in oil extraction from Copra**
	Gaurav Singh Kaira, CSIR- Central Food Technological Research Institute, India
IBC-139	**Title: Mycodegradation of azo dyes and enzyme profiling**
	Manish Kumar, Central University of Rajasthan, India
IBC-140	**Title: Conservation of soil for sustenance of agriculture**
	Rathna Kumari B M, Government First Grade College, India
IBC-141	**Title: Hydrological, environmental and geological effects of climate change on Indian river basins**
	Debsagar Das, Asutosh College, India

IBC-142	**Title: Analysis of Internal transcribed Spacer region of *Ilex khasiana* Purk. and *Ilex venulosa* Linn., two species endemic to Meghalaya**
	Amilia Nongbet, North Eastern Hill University, India
IBC-143	**Title: Growth evalution of *Chlamydomonas oblonga* with bioremediation through co-usage of Wastewater and Flue gasses of Hasdeo Thermal Power plant Korba West Chhattisgarh at indoor and outdoor conditions**
	Vaishali Singh, Rajiv Gandhi Proudyogiki Vishwavidyalaya, India
IBC-144	**Title: Maximising the biomass of microalga *Chlorella minutissima* by optimising the light conditions and carbon sources**
	Gaurav Saxena, Delhi Technological University, India
IBC-145	**Title: Degradation of PAHs by *Paenibacillus dendritiformis* strain by gravimetric method**
	Shallu Sihag, JECRC University, India
IBC-146	**Title: Phylogeny of the freshwater crab, *Parasesarma* sp.: An assessment using molecular taxonomy and sperm ultrastructure**
	A Shyla Suganthi, Holy Cross College, India
IBC-147	**Title: Extraction and Characterization of Chitosan nanoparticles from fish waste and its Applications on Waste Water Treatment of fish food processing industry**
	E Gokulalakshmi, AMET University, India
IBC-148	**Title: Comparison and Analysis of efficient heating of Albumen Sample in Microwave at the two different intensities of 2.5 Wcm-2 and 3 Wcm-2 in Presence of Suitable Support at the Microwave frequency of 2450 MHz**
	Saurabh Nigam, Jaypee University of Engineering &Technology, India
IBC-149	**Title: Purification, partial biochemical characterization and immobilization of *Vigna mungo* α-galactosidase on magnetic chitosan nanoparticles**
	Ramadevi Mutra, CSIR- Central Food Technological Research Institute, India
IBC-150	**Title: Role of a student in the field of Biotechnology from developing world**
	Anjali M, Bangalore University, India
IBC-151	**Title: PLGA nanoparticle and DV1 peptide mediated targeting of CXCR4 receptors**
	Shiba Ansari, All India Institute of Medical Sciences, India
IBC-152	**Title: Micropropagation strategies for conservation of critically endangered medicinal plant *W. coagulans***
	Nishesh Sharma, Sam Higginbottom Institute of Agriculture, Technology & Science, India
IBC-153	**Title: SOCS5 in malaria vector: Annotation, domain organization and phylogenetic analysis in 18 *Anopheles species***
	Lalita Gupta, Birla Institute of Technology and Science(Pilani), India
IBC-154	**Title: Pathway Modeling of Prostate Cancer, Breast Cancer and Tuberculosis BKBK**
	Mustafa Alhajiisa, Sharda University, India
IBC-155	**Title: Network based analysis of SNPs associated with age-related disorders**
	Pooja Khurana, Delhi Technological University, India
IBC-156	**Title: Bioinformatics analysis of patatin-like phospholipase domain containing protein (PNPLA) family members from diverse organisms**
	Savita Mishra, Shri Ramswaroop Memorial University, India

Closing Ceremony

Announcement of Best Poster Presentations @ 16:00-16:30