

**3rd International Conference on Biotechnology and Bioinformatics
(ICBB-2016)**

5–7 February 2016

Venue: Yashada Auditorium, Raj Bhavan Complex, Baner Road, Pune, India

Friday, 5th February 2016

08:00 am – Onwards	Registration
09:00 am – 11:00 am	Session 1: Inaugural Session Inauguration of the conference followed by inaugural talks <i>Biotech Start-up: Present and Future Perspective</i> Dr. Sambuddha Ghosh , Founder and Director, Abel Biosolutions, Pune, Maharashtra, India <i>Eco-friendly crop protection strategies using plant secondary metabolites</i> Dr. Ashok P. Giri , Senior Scientist, National Chemical Laboratory (NCL), Pune, India
11:00 am – 11:25 am	Tea Break
11:30 am – 01:00 pm	Session 2 Chair: Dr. Sambuddha Ghosh, Pune, India <i>Therapeutic Potential of Bone Marrow-derived, Allogeneic Mesenchymal Stromal Cells for Patients with Critical Limb Ischemia due to Buerger's disease</i> Dr (Lt Col) Pawan Kr Gupta , Senior Director - Medical Services, Stempeutics Research, Bangalore, India <i>Search for better markers in diabetes</i> Dr. Mahesh J Kulkarni , Scientist, Biochemical Sciences Division, NCL, Pune, India
01:00 pm – 02:00 pm	Lunch Break
02:00 pm – 04:00 pm	Session 3 Chair: Dr. Mahesh J Kulkarni, Pune, India <i>Genes, Genomes and Genomics</i> Dr. Praveen Verma , Staff Scientist V, National Institute of Plant Genome Research (NIPGR), New Delhi, India Dr. H. V. Thulasiram , Principal Scientist, Organic Chemistry Division, NCL, Pune, India

Myeloid Transcription Factors in Hematopoiesis and Acute Myeloid Leukemia

Dr. Sheo Mohan Singh, Director, International Centre for Stem Cells, Cancer and Biotechnology (ICSCCB), Pune, **India**

04:00 pm – 04:25 pm

Tea Break

04:30 pm – 6:30 pm

Poster Presentation Session – I

Saturday, 6th February 2016

08:00 am – Onwards

Registration

09:00 am – 11:00 am

Session 4

Chair: Professor P. C. Sharma, New Delhi, India

Fungal Genomics: Sequencing and Bioinformatics Analysis

Dr. Praveen Verma, Staff Scientist V, National Institute of Plant Genome Research (NIPGR), New Delhi, **India**

Drug Discovery Research in NCL

Dr. Dhiman Sarkar, Senior Scientist, Combi Chem-Bio Resource Centre, Division of Organic Chemistry, CSIR-National Chemical Laboratory (NCL), Pune, **India**

Recent Developments in assessing the overall quality of Protein-Protein Interaction structural models: their scoring and ranking

Dr. Sankar Basu, Bioinformatics Division, Department of Physics, Chemistry and Biology, Linkoping University, **Sweden**

Phytochemicals as a source of herbal Antibiotics: A new horizons

Dr Priti Mathur, Assistant Professor, AMITY Institute of Biotechnology, AMITY University, Lucknow, **India**

11:00 am – 11:25 am

Tea Break

11:30 am – 01:00 pm

Session 5

Chair: Dr. Praveen Verma, New Delhi, India

Genome-Wide Distribution and Organization of Simple Sequence Repeats

Professor P. C. Sharma, University School of Biotechnology, Director Research and Consultancy, Guru Gobind Singh Indraprastha University, New Delhi, **India**

Phenomics in anti-parasitic drug discovery

Dr. Dhanasekaran Shanmugam, Scientist and DBT Ramalingaswami Fellow, Biochemical Sciences Division, National Chemical Laboratory, Pune, **India**

01:00 pm – 02:00 pm	Lunch Break
02:00 pm – 04:00 pm	<p>Session 6 Chair: Dr. Devaraju KS, Dharwad, India</p> <p><i>Does your alcohol alter the mitochondrial structural (fusion/fission) genes?</i> Dr. Ramasamy Subbiah, Assistant Professor, Department of Molecular Biology, Madurai Kamaraj University Madurai, India</p> <p><i>Study of Cellulases from Extremophiles</i> Dr. Sangeeta Shetty, Assistant Professor, Department of Life Science and Biochemistry, St. Xavier's College Mumbai, India</p> <p><i>Spectroscopic Investigations on the interaction of natural alkaloid and ct-DNA and G-Quadruplex DNA: A Comparative Study</i> Dr. Paulami Mandal, Young Scientist, Department of Biochemistry, University of Calcutta, Kolkata, India</p> <p><i>Biotechnology and Bioinformatics</i> Dr. Rajesh Singh, Principal Scientist, Gennova Biopharmaceuticals Ltd., Pune, India</p>
04:00 pm – 04:25 pm	Tea Break
04:30 pm – 6:30 pm	Poster Presentation Session – II

Sunday, 7th February 2016

08:00 am – Onwards	Registration
09:00 am – 11:00 am	<p>Session 7 Chair: Dr. Dhanasekaran Shanmugam, Pune, India</p> <p><i>Pka Rii Sub Unit Phosphopentapeptide: A Candidate Substrate For Calcineurin</i> Dr. Devaraju KS, Associate Professor, Department of Biochemistry, Karnatak University, Dharwad, India</p> <p><i>CUX2 Functions As an Accessory Factor in the Repair of Oxidative DNA Damage</i> Dr. Ranjana Pal, Assistant Professor, Department of Biological Sciences, Presidency University, Kolkata, India</p> <p><i>Neutraceuticals and health beneficial properties of Jamaican black raspberries “Rubus racemosus”</i> Ms. Dipali Nair, The University of the West Indies, Mona, Jamaica</p>

Identification, expression, purification, characterization and role in proinflammatory response of YghJ, a secreted metalloprotease from neonatal septicemic Escherichia coli

Ms. Rima Tapader, Division of Pathophysiology, National Institute of Cholera and Enteric Diseases, Kolkata, West Bengal, **India**

Curcumin and extracellular matrix proteins synergistically act to inhibit the proliferation of breast cancer cells

Mr. Ashwin Wadaskar, Symbiosis School of Biomedical Sciences (SSBS), Symbiosis International University (SIU), Lavale, Pune, **India**

11:00 am – 11:25 am

Tea Break

11:30 am – 01:30 pm

Poster Presentation Session – III

01:30 pm – 02:30 pm

Lunch Break

02:30 pm – 3:30 pm

Session 8: Valedictory and Award Ceremony

Distinguished Guests:

Dr. Sambuddha Ghosh, Founder and Director, Abel Biosolutions, Pune, Maharashtra, **India**

Dr. Rajesh Singh, Principal Scientist, Gennova Biopharmaceuticals Ltd., Pune, **India**

Dr. Ashok P. Giri, Senior Scientist, National Chemical Laboratory (NCL), Pune, **India**