

Detailed Program
International Conference on Recent Trends in Biotechnology & Bioinformatics 2019
(ICBAB'19)

August 01-03, 2019

Department of Biotechnology and Bioinformatics
Jaypee University of Information technology (JUIT)
Waknaghat, Solan, H.P.

Time	Sub-event	Location
Day 1:	August 01	
09:00 – 10:00	Registration and Welcome	Reception
10:00 – 10:45	<p>Inaugural session</p> <ul style="list-style-type: none"> ✚ Lighting up the lamp followed by Goddess Saraswati Vandana for knowledge; ✚ Welcoming the dignitaries; ✚ Welcome note by Dr. Tiratha Raj Singh, Convener, ICBAB'19; ✚ Welcome by HoD, BT & BI, Prof. Sudhir Syal, Program Chair, ICBAB'19; ✚ Speech by Hon. VC, Prof. Vinod Kumar, Patron, ICBAB'19; ✚ Launch of “<i>ICBAB'19 E-Book of Abstracts</i>”; ✚ Brief Address by Keynote speakers; ✚ Vote of thanks by Dr. Ashok Kumar, Convener, ICBAB'19; 	LT-3
10:45 – 11:30	High Tea with Networking	Orange Shed
11:30 – 13:00 <i>40' for Keynote talk, 15' each for oral presentations</i>	<p>Session 1: <i>Chairs: Dr. Anil Kant & Dr. Harish Changotra</i></p> <p>Keynote 1: Prof. R.K. Sani Title: Biocommodity Engineering: Roles of Extremophilic Deep Biosphere Microbes Affiliation: Department of Chemical and Biological Engineering And Applied Biological Sciences South Dakota School of Mines and Technology Rapid City, SD 57701, USA</p> <p>Oral presentation: Dr. Gyanendra Singh Title: Phloretin in combination with biochaninA brings down the oxidative stress against arsenic toxicity in Swiss albino mice. Affiliation: Toxicology Division, ICMR-National Institute of Occupational Health, Ahmedabad 380016.</p> <p>Oral presentation: Dr. Dhruv Kumar Title: Targeting Cancer Cell Metabolism for Head and Neck Cancer Therapy Affiliation: Amity University of Molecular Medicine & Stem Cell Research (AIMMSCR), Amity University Uttar Pradesh, Sector-125, Noida-201301, India</p> <p>Oral presentation: Mr. Ankush Bansal Title: Development of novel neurotoxicity prediction system for chemicals of interest Other Authors: Ray Yueh Ku, Masaaki Torii, Kazue Hashimoto-Torii Affiliation: Children's National hospital, USA</p>	LT-3
13:00 – 14:00	Lunch	Annapurna
14:00 – 15:30 <i>40' for Keynote talk, 12' each for oral presentations</i>	<p>Session 2: <i>Chairs: Dr. Hemant Sood & Dr. Hemraj Saini</i></p> <p>Oral presentation: Ms. Sujata Khaman Title: Phytochemical screening and bioevaluation of medicinally important plant <i>Hemiphragma heterophyllum</i> Wall. (Nash Jhaar) Affiliation: Department of Botany, Panjab University, Chandigarh-160014</p> <p>Oral presentation: Ms. Jyoti Sharma Title: Phytochemical screening and bio-evaluation of therapeutically significant <i>Viburnum cotinifolium</i> D. Don Affiliation: Department of Botany, Panjab University, Chandigarh-160014</p>	LT-3

	<p>Oral presentation: Ms. Rashmi Chandra Title: Ethnobotanical and Phytochemical studies of some plants mentioned in the Holy Quran and Hadiths Affiliation: Department of Bioscience and Biotechnology, Banasthali Vidyapith, Rajasthan</p> <p>Keynote 2: Prof. S.S. Kanwar Title: Basic sciences to translational biotechnology: Microbial lipases in the synthesis of commercially important compounds Affiliation: Professor, Department of Biotechnology, Director IPRCC, Coordinator Bioinformatics Centre Himachal Pradesh University, Summer Hill, Shimla-171 005, India.</p>	
15:30 – 17:00	<p>Session 3: Tea with Poster networking <i>Poster presentations and evaluations</i> <i>Poster chairs: Prof. S.S. Kanwar, Dr. Rahul, Dr. Ashok, Dr. Gyanendra</i></p>	Foyer
18:00-21:30	Cultural program followed by Conference Dinner	LT-3 followed by Annapurna

Day 2: August 02

Time	Sub-event	Venue
09:00 – 10:30 40' for Keynote talk, 15' each for oral presentations	<p>Session 4: <i>Chairs: Dr. Jayashree Ramana & Dr. Poonam Sharma</i> Oral presentation: Dr. Gyaneshwar Vatiseswaran Title: Analysis of Composite and Bio Composite materials on outer plate in a roller chain Affiliation: Product Management, TIDC India, Chennai.</p> <p>Oral presentation: Dr. Banita Kumari Title: In vivo Pi54-AvrPi54 interaction studies using bimolecular fluorescence complementation assay Affiliation: ICAR-National Institute for Plant Biotechnology, New Delhi, India</p> <p>Oral presentation: Dr. Gaurav Mugdal Title: Smallest Animals with Big Deals: The Water Bears Affiliation: Department of Biotechnology, Chandigarh University, Gharuan, Mohali, Punjab-140413</p> <p>Video Abstract: Ms. Chadia Ed-driouch, Morocco Keynote 3: Prof. Bishwajit Kundu, IIT Delhi Title: Insights of amyloid interaction network and designing structure-based anti-amyloidogenic Biomolecules Affiliation: Indian Institute of Information Technology, Delhi</p>	LT-3
10:30 – 11:30	<p>Morning Tea with poster presentations <i>Poster presentations and evaluations</i> <i>Poster chairs: Dr. Banita Kumari, Dr. Jitendraa, Dr. Abhishek, Dr. Vijay Garlapati</i></p>	Foyer and Orange Shed
11:30 – 13:00 15' each for oral presentation	<p>Session 5: <i>Chairs: Dr. Jata Shankar & Dr. Udaibanu M.</i> Oral presentation: Dr. Mamta Chauhan Title: Bioprospecting high altitude and thermophilic microbes from hot water spring for bioethanol production Affiliation: CPRI, Shimla, H.P.</p> <p>Oral presentation: Ms. Monika Antil Title: Developing inhibitors of glyoxylate and methylcitrate cycles: A Potential therapeutic option to tackle persistent Mycobacterium tuberculosis Affiliation: Department of Biotechnology, Jaypee Institute of Information Technology, Sector-62, Noida-201309, India</p> <p>Oral presentation: Ms. Nirmalya Pal Title: Isolation, Screening and Characterization of an Extremophile Producing Sulphur Oxygenase Reductase: A Thermostable Oxizyme for Sulphur Oxidation Affiliation: University Institute of Biotechnology, Chandigarh University, National Highway 95, Chandigarh –Ludhiana Highway, Gharuan, Sahibzada Ajit Singh Nagar (Mohali): 140413, Punjab (India)</p> <p>Oral presentation: Dr. Garima Mathur</p>	LT-3

	<p>Title: FUNGAL CHITOSAN BASED POLYMERIC BLENDS: PREPARATION AND CHARACTERIZATION</p> <p>Affiliation: Department of Biotechnology, Jaypee Institute of Information Technology, A-10, Sec-62, Noida-201307, Uttar Pradesh, India</p> <p>Oral presentation: Dr. Manisha Singh</p> <p>Title: Enhancement in Neurobehavioral and Neuro Protective Properties of Scopolamine Induced Alzheimer's Mice Model after Intranasal Delivery of Ginkgo Biloba (EGB 761) Extract Loaded Microemulsions</p> <p>Affiliation: Department of Biotechnology, Jaypee Institute of Information Technology, A-10, sector 62, Noida, Uttar Pradesh, India-201307</p>	
13:00 – 14:00	Lunch	Annapurna
14:00 – 15:30 40' for Keynote talk, 15' each for oral presentations	<p>Session 6: <i>Chairs: Dr. P.K. Gupta & Dr. Narendra Kumar</i></p> <p>Keynote Talk 04: Dr. Prashanth S. Survajhala</p> <p>Title: Grand Challenges in Systems Genomics of Urogenital Diseases: A Peep Into Our Case Studies</p> <p>Affiliation: Department of Biotechnology and Bioinformatics, Birla Institute of Scientific Research (BISR), Jaipur</p> <p>Oral presentation: Dr. Ashwani Mathur</p> <p>Title: Statistical Estimation of Indian Environmental Kuznet Curve: Exploring the effect of environmental and socio-economic parameters on environmental sustainability</p> <p>Affiliation: Jaypee Institute of Information Technology Noida, Uttar Pradesh-201309, India</p> <p>Oral presentation: Dr. Samjeet Singh</p> <p>Title: A Study of Activity, Kinetics and Reusability of Immobilized Lipase in Hydrolytic Reactions and Application in Esterification Reactions</p> <p>Affiliation: Department of Chemistry, RGM Govt. College Joginder Nagar, Mandi 175015, India</p> <p>Oral presentation: Dr. Gajendra Singh</p> <p>Title: Biodecolourization of azo dye reactive black 5 by newly isolated <i>Bacillus</i> sp.</p> <p>Affiliation: University Institute of Biotechnology, Chandigarh University, Mohali (140413), Punjab, India</p> <p>Oral presentation: Dr. Shalini Mani</p> <p>Title: Role of Vitamin D deficiency and cellular bioenergetics in Type 2 Diabetes</p> <p>Affiliation: Department of Biotechnology, Jaypee Institute of Information Technology, A-10, sector 62, Noida, Uttar Pradesh, India</p> <p>Video Abstract: Dr. Raj Kumar, South Korea</p>	LT-3
15:30 – 17:00	<p>Session 6: Tea with Poster networking <i>Poster presentations and evaluations</i> <i>Poster chairs: Dr. R.K. Sani, Dr. Sudhir Syal, Dr. Prashanth S., Dr. Ashwani Mathur</i></p>	Foyer
20:30-21:30	Conference Dinner	Annapurna

Day 3: August 03

Time	Sub-event	Venue
09:00 – 10:45 15' each for oral presentation	<p>Session 7: <i>Chairs: Dr. Rahul Shrivastava & Dr. Saurabh Bansal</i></p> <p>Oral presentation: Dr. Reshma Negi</p> <p>Title: VALUE-ADDITION IN ROSE AND CARNATION</p> <p>Affiliation: The Department of Floriculture and Landscape Architecture, Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh, PIN-173230</p> <p>Oral presentation: Ms. Kanika Sharma</p> <p>Title: Process Optimization for Enhancement of Fermentable sugars from Rice straw through Enzymatic Saccharification</p> <p>Affiliation: Microbiology Research Laboratory, Department of Basic Sciences, Dr</p>	LT-3

	<p>Y S Parmar University of Horticulture and Forestry, Nauni, Solan-173230, HP, India</p> <p>Oral presentation: Ms. Neelam Krishna Title: Subtractive gene analysis of Bovine involved in biological pathway and network Affiliation: Centre of Bioinformatics, University of Allahabad, Prayagraj, India-211002</p> <p>Video Abstract: Dr. Swati Sharma, Malaysia Oral presentation: Dr. Anurag Kumar Sahu Title: Coordinated action of βc1 Protein and Coat proteins of ChiLCV suppress host RNA silencing machinery and their sub-cellular localization studies Affiliation: International Centre for Genetic Engineering and Biotechnology, New Delhi, India</p> <p>Oral presentation: Mr. Priyansh Srivastava Title: Evaluation of metabolites from extracts of the lichen isolated from Musa Bagh Fort in Lucknow Affiliation: Department of Biotechnology, Jaypee Institute of Information Technology, A-10, Sector-62, Noida-201309</p> <p>Oral presentation: Ms. Dibya Rani Title: Protein–nanoparticle conjugate mediated enhanced immune response against hepatitis E virus Affiliation: Department of Biotechnology, Jaypee Institute of Information Technology, A-10, Sector 62, Noida, U.P</p>	
10:45 – 11:00	Morning Tea	Botanical garden
11:00 – 12:15 <i>12' each for oral presentation</i>	<p>Session 8: <i>Chairs: Dr. Gopal Singh Bisht & Dr. Ragini Raj Singh</i></p> <p>Oral presentation: Dr. Nisha Sharma Title: Cost effective enzymatic hydrolysis of pine needles by optimizing different process parameters by one factor at a time approach for reducing sugar production Affiliation: Microbiology Research Laboratory, Department of Basic sciences, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni (Solan) Himachal Pradesh 173230</p> <p>Video Abstract: Dr. Reena Sharma, Israel Oral presentation: Ms. Rutika Sehgal Title: Optimisation of production of polyhydroxyalkanoates from bacteria Affiliation: Department of Biotechnology, Himachal Pradesh University, Summerhill, Shimla, 171005, INDIA</p> <p>Oral presentation: Dr. Ira Vashista Title: Sorghum - A future ready crop Affiliation: School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi, 110067</p> <p>Oral presentation: Ms. Rashmi Ira Title: Role of prn gene in resurgence of <i>Bordetella pertussis</i> Affiliation: entral Research Institute, Kasauli, HP</p> <p>Oral presentation: Mr. Kamal Kumar Bhardwaj Title: Purification and characterization of thermotolerant esterase from <i>Serratia Sp.</i> Affiliation: Department of Biotechnology, Himachal Pradesh University, Summerhill, Shimla, 171005, INDIA</p> <p>Oral presentation: Ms. Rutika Sehgal Title: Optimisation of production of polyhydroxyalkanoates from bacteria Affiliation: Department of Biotechnology, Himachal Pradesh University, Summerhill, Shimla, 171005, INDIA</p>	LT-3
12:15 – 13:00	Closing remarks and Valedictory	LT-3
13:00 – 14:00	Lunch	Annapurna