



Scientific Programme

International Conference on Advances in Biosciences and Biotechnology

ICABB-2021

(28th-30th January, 2021)



Theme: Recent trends in Biosciences and Biomedical Research

Day 1- Thursday, 28th January, 2021

9:00 AM -10:00 AM	Inauguration and Welcome Note
Technical Session I: Medical and Nanobiotechnology	
10:00 AM -10:45 AM	Keynote Speaker- Neuronal differentiation of human progenitor cells: a window from genetics - Prof. Subrata Sinha (HOD, Department of Biochemistry, All India Institute of Medical Sciences, Ex-Director NBRC)
10:45 AM -11:30 AM	Keynote Speaker- Improved immunogenicity of carbohydrate based vaccines using polymeric nanoparticles- Dr. Amulya K. Panda (National Institute of Immunology)
11:30 AM -1:30 PM	Oral presentations
11:30 AM -1:30 PM	E-Short Presentations
1:30 PM -2:30 PM	Lunch Break

Technical Session II: Food and Microbial Biotechnology	
2:30 PM -3:15 PM	Keynote Speaker- Prebiotics Based on Enzymatic Catalysis- Prof. Subhash Chand (Formerly, Professor & Head, Department of Biochemical Engineering and Biotechnology, IIT Delhi)
3:15 PM -4:00 PM	Keynote Speaker- Defeating cancer stem cells through targeted protein nanoparticles- Dr. Esther Vázquez (Universitat Autònoma de Barcelona)
4:00 PM -5:00 PM	Oral presentations
4:00 PM -6:00 PM	E-Short Presentations



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Day 2- Friday, 29th January, 2021

Technical Session III: Omics and Computational Biology	
9:15 AM-10:15 AM	Keynote Speaker- To function or not to function- Prof. Sridhar Hannenhalli (Center for Cancer Research, National Cancer Institute)
10:15 AM -11:00 AM	Keynote Speaker- Structural Insight on Biodegradation of Emerging Pollutants- Prof. Pravindra Kumar (Professor, Department of Biotechnology, Indian Institute of Technology Roorkee)
11:00 AM -1:00 PM	Oral presentations for Sessions III and IV
11:00 AM -1:00 PM	E-Short presentation for Sessions III and IV
1:00 PM - 2:00 PM	Lunch Break

Technical Session IV: Natural products and human health	
2:00 PM -2:45 PM	Keynote Speaker- Natural Products and Human Health - Prof. T. Pullaiah - (Department of Botany, Sri Krishnadevaraya University, Anantapur)
2:45 PM -3:30 PM	Keynote Speaker- Exploring xeno-tumor heterogeneity: A potential source of anticancer agents by using A novel and specifically designed VTGE method- Prof. Nilesh Kumar Sharma (Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune)
3:30 PM -5:00 PM	Oral presentations for Sessions V
3:30 PM -5:30 PM	E-Short presentations for Sessions V



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Day 3- Saturday, 30th January, 2021

Technical Session V: Agriculture, Environment, and Industry	
9:15 AM-10:15 AM	Keynote Speaker- Quantitative and Reproducible Cell-Based Bioassays to Advance Immunotherapy Programs- Dr. Gopal B. Krishnan (Promega Corporation, – Wisconsin, USA)
10:15 AM -11:00 AM	Keynote Speaker- Carbon Sequestration by Microalgae: An Omics Perspective- Dr. Pavan Jutur (Group leader, Omics of Algae, Industrial Biotechnology, International Centre for Genetic Engineering and Biotechnology)
11:00 AM -11:45 PM	Keynote Speaker- Circular Economy and Waste Management- Mr. Mahesh Babu (IL&FS Environmental Infrastructure & Services Ltd.)
11:45 PM - 1:00 PM	Valedictory, Vote of Thanks & Closing Ceremony