



Industry-academia meet
on

**“Opportunities and Challenges in Fermentation Based Industrial Processes”
(IAMF 2018)**

September 13-14, 2018

List of presentations from Academia

S.No.	Name	Affiliation	Abstract Title	Authors
1	Dr. Meena Krishania	Center of Innovative and Applied Bioprocessing (CIAB), Noida	Prebiotics, Probiotics and Synbiotics from whey and its derivative for functional beverage: Review	Meena Krishania, Vinod Kumar, Rajendra Singh Sangwan
2	Dr. Kashyap Kumar Dubey	Department of Biotechnology, Central University of Haryana (Mahendergarh),	Analysis of mycelial aggregation to upgrade lipstatin production from Streptomyces cell factories	Khusboo, Kashyap Kumar Dubey
3	Dr. Seema Garcha	Department of Microbiology, Punjab Agricultural University, Ludhiana	Molasses Growth Medium for Production of Rhizobium Based Biofertilizers	Garcha S and Kansal R
4	Dr. Kishore Kumar	Regional Research Institute of Unani Medicine, Bhadrak (Odisha)	Future prospects of fermentation in Unani based Drugs	Kishore Kumar
5	Dr. Ashok Kumar Yadav	Central University of Jammu	Designer Probiotics as a new hope for health and diseases management	Ashok Kumar Yadav
6	Dr. Praveen Kumar Mehta	Central University of Jammu	Analysis of volatile components of Jenipapo (<i>Genipa americana</i> L.) fruits using HS-SPME/ GC-MS	Praveen Kumar Mehta
7	Dr. Archana Tiwari	Amity Noida	Diatoms as natural vegan sources of nutraceuticals omega 3 fatty acids	Archana Tiwari and Thomas Kiran
8	Dr. Lalit Kumar Singh	HBTI Kanpur	Microbial pigment production from fusarium species	Vineeta Kasaudhan and Lalit Kumar Singh
9	Dr. Debashish Ghosh	CSIR-IIP, Dehradun	Production of fuels and chemicals from lignocellulosic pentosans through yeast Mediated fermentation platform	Debashish Ghosh, Tripti Sharma, Diptarka Dasgupta, Bipul Sarkar, Neeraj Atray, Siddharth S Ray
10	Dr. Vinod Kumar	CIAB, Mohali	Efficient detoxification of corn cob hydrolysate with ion-exchange resins for enhanced xylitol production by <i>Candida tropicalis</i> MTCC 6192	Vinod Kumar
11	Dr. Zahoor Ahmad Baba	SKUAST, Srinagar	Development of beneficial microbial formulations through liquid fermentation technology for improving availability of essential nutrients to crops under temperate and cold desert Himalayan regions	Zahoor Ahmad Baba, M. Y. Zargar., T. A. Sheikh., I. J. Khan., Razia Rehman., Bisma Rashid and Basharat Hamid
12	Dr. Deepak Kumar	Central University of Jammu	Innovative Approaches for Upscaling Natural α -tocopherol level for Human Health and Abiotic Stress Alleviation in Plants	Deepak Kumar and Neera Bhalla Sarin

13	Dr. Amit Seth	Shoolini University, Solan	Enzymatic synthesis of lactamide and R-mandelic acid by mesophilic and thermophilic nitrile degrading enzymes	Amit Seth, Mamta Sharma, Poonam Singh, Chandrika Attri
14	Dr. ChandrikaAttri	Shoolini University, Solan	REMI based production of biocontrol agents of R. necatrix causing white root rot on apple	Chandrika Attri and Saurabh Kulshreshtha
15	Dr. Konika Razdan	University of Jammu, Jammu	Probiotic Exo-Polysaccharides: Isolation, Characterization and role as a natural stabilizer	Konika Razdan and Dr BK Bajaj
16	Dr. Garima Awasthi	Amity Lucknow	Kinetic study of dyes degradation and identification of valuable byproduct	GarimaAwasthi, Mohit Nigam and Shooa Muzaffar Husain
17	Dr. Ramandeep Kaur	Panjab University	Myxobacteria from Indian habitats: potential source of bioactive compounds and industrial enzymes	Shiv Kumar, Arun Kumar Yadav and RamandeepKaur
18	Dr. Prashant Bedarkar	Gujarat Ayurved University, Jamnagar	Unexplored therapeutic potentials of Ayurvedicauto-fermented formulations	Dr.PrashantBedarkar
19	Dr. Anita Singh	Central University of Jammu	Cellulolytic enzymes production from the thermophilic fungus <i>Thermoascus aurantiacus</i> using rice straw as substrate	Anita Singh, Somvir Bajar
20	Dr Brajeshwar Singh	SKUAST, Jammu	Bioprospecting thermophilic bacterial population from North-Western Himalayas for industrial enzymes	Sneahpreet Kour, Brajeshwar Singh, Akanksha Rathore, Hemshiveta Pandita and Diksha Raina
21	Dr. C. Ravindran	CSIR-NIO, Goa	Purification and characterization of marine bacterial substances for its anti-bacterial activity	Ravindran, C., Eshana Mukhopadhyay and Mohandass, C.
22	Dr. A.P Das	Rama Devi Women's University, Odisha	Bacterial catalysed bioleaching of manganese from mining wastes residues	S. Ghoshand & A.P Das
23	Prof. Venkatesan Arul	Pondicherry University, Puducherry	Potential of probiotics in animal and human health	Venkatesan Arul
24	Dr. Aehtesham Hussain	National Centre for cell Science, Pune	Prioritization of Actinobacteria by dereplication for the antibiotic discovery	AehteshamHussain, Qazi P Hassan