

<p style="text-align: center;">ICCB-2016 Poster Presentations 09/12/2016 / Poster Session I (9:00 – 17:00) IB, BR & EB</p> <p style="text-align: center;">Poster Presentations 10/12/2016 / Poster Session II (9:00 – 17:00) FAB, MB & BAMB</p>	
Industrial Biotechnology (IB)	
IB_001	Isolation and Study of Fungal Strains from Malted barley waste for the Production of Hydrophobins Shraddha Kulkarni, Dr. Kalpana Joshi
IB_002	Production of β -galactosidase by Kluyveromyces lactis and optimisation of fermentation parameters Mohanasrinivasan.V, C.Subathra Devi, Manisha Chattaraj, A. Nivetha, Vinoth. M
IB_003	Reduction of Hexavalent Chromium (VI) by alkaliphilic Microbacterium spp. Manoj Kumar, Prince Dhammi, Partapbir Singh, Harvinder Singh Saini
IB_004	Evaluation of various encapsulation methods for improving the shelf-life of phenol degrading bacteria Nair M Lakshmi, Ashok Pandey, Parameswaran Binod
IB_005	Optimization of laccase production by SSF using Perenniporia tephropora - L168 and its application in dye decolorization Firake NR, Narkhede KP, Choudhari BL, Chopade LR
IB_006	Furfural and Hydroxyl methyl furfural act as substrates of xylose reductase from Debaryomyces nepalensis Bhaskar Paidimuddala, Sathyanarayana N Gummadu
IB_007	Enzymatic production of N-acetyl chitoooligosaccharides from seafood waste and evaluation of their therapeutic potential Divya Prakash, N. N. Nawani, B. P.Kapadnis
IB_008	Production of microbial poly- γ -glutamic acid from renewable resources Anju Alphonsa Jose, Parameswaran Binod
IB_009	Purification and characterization of a bioactive amide from halophilic Bacillus subtilis EMB M15 Neerja, Munishwar Nath Gupta and Sunil K. Khare
IB_010	Improvement of coronarin-D content in Hedychium coronarium Koen. through tissue culture Reena Parida, Sujata Mohanty and Sanghamitra Nayak
IB_011	Performance of suspended and immobilized Lactobacillus brevis N1E9.3.3 strain in batch, fed-batch and continuous processes for 1, 3-PDO production Narisetty Vivek, Petit Riff Sven, T VAswathi, Ashok Pandey and Parameswaran

	Binod
IB_012	Kinetic Analysis of fermentation Products of transcription regulator deletion mutants of Escherichia coli under anaerobic conditions Manika Kargeti1, K V Venkatesh
IB_013	Removal of toluene vapour using evaporative cooler model based biofilter Kumar Vikrant, B.S. Giri, Harshil Nagar, Raja Anand, K.H. Kim, R.S. Singh
IB_014	Production of partially purified collagenase and its application in sustained drug deliver Aparna.P, Sanjana.S, Sophiya.J, Justin Packia Jacob, Gowthaman.M. K
IB_015	Immobilization of thermotolerant amylase using calcium alginate beads and its biochemical property of halotolerant bacterium Bacillus vallismortis TD6 Chandrasekaran Suganthi, Nitha Vijayan, Anbazhagan Mageswari, Nalini Easwaran, Ramachandran Srinivasan, Amballa Chaitanyakumar, Sivashanmugam Karthikeyan, Nachimuthu Ramesh and Kodiveri Muthukaliannan Gothandam
IB_016	Electrofermentation of Food Waste – Regulation towards Enhanced Acidification J Shanthi Sraavan, Sai Kishore Butti, Omprakash Sarkar, S.Venkata Mohan
IB_017	Microbial mediated desalination to remove salts from groundwater Manupati Hemalatha, Sai Kishore Butti, G.Velvizhi and S.Venkata Mohan
IB_018	A novel high-throughput assay method to screen enantiospecific ketoreductases Preeti Ranjan, Ashok pandey and Parameswaran Binod
IB_019	Fibrinolytic protease from marine Streptomyces rubiginosus VITPSSM C. SubathraDevi, Mohanasrinivasan.V, PriyankaVerma, ShrutiChatterjee, JemimahNaine.S, Merlyn Keziah.S, Peerzada Gh Jeelani
IB_020	Green synthesis of Palladium nanoparticles and its applications, with context to Phyllanthus emblica L. Selvaraj Mohana Roopan, Immanuel Selvaraj, Deepika Subramanyam, Dinesh Murugesan, Gunabalan Madhumitha, Ganesh Elango
IB_021	Optimization of low cost biosurfactant production through response surface methodology using potato peels as a sole carbon source SonamGupta, Priyanka Katiyar, Juhi Mehtani Parul A. Pruthi and Vikas Pruthi
IB_022	Extractive butanol fermentation with non-ionic surfactant using high butanol producing strain Kajal G. Singh, Preety S. Gedam, Atulkumar N. Raut, Pradip B. Dhamole, P. K. Dhakephalkar, Dilip R. Ranade
IB_023	Exploring the fibrinolytic protease producing bacteriaof fermented Borrassusflabellifer and Actinidiadeliciosa Merlyn Keziah S, SubathraDevi.C
IB_024	Evaluating the potential of an indigenous thermophillic anaerobic bacterial consortium for enhanced oil recovery Rohit Rath, Meeta Lavania, Vipin Kukreti, Banwari Lal
IB_025	Biomolecule as a Tool For sensing Antibiotic Ciprofloxacin Bhushan L. Chaudhari and Madhuri K. Pawar
IB_026	Enhanced photocatalytic reduction of rhodamine-B and methylene blue by graphene oxide-titanium oxide nanocomposite optimized by response surface analysis

	Ananya Deb, Vimala R
IB_027	Enhanced 2,3 Butanediol production by a newly isolated <i>Enterobacter cloacae</i> strain by step wise process optimization Anchal Priya, Prem Dureja, Banwari Lal
IB_028	Effective method of controlling contamination observed in in vitro axillary bud cultures of <i>Bambusa vulgaris</i> Schrad. Leelavathy S and P. Deepa Sankar
IB_029	Production and characterization of exopolysaccharide from <i>Bacillus mycoides</i> for application in wastewater treatment Kanmani P1, Yuvapriya S1, Aravind J2*
IB_030	Phycocyanin from <i>Oscillatoria</i> sp. 50A: production, purification, characterization and its therapeutic application Kalimuthu Jawaharraj, Krishna Shivani, Ganeshan Shakambari, BalasubramaniamAshokkumar, and Perumal Varalakshmi
IB_031	Production of arabitol from yeast <i>Zygosaccharomyces rouxii</i> MTCC 2635 BalaAbirami Sundaramoorthy and Sathyanarayana N Gummadi
IB_032	Isolation and Characterization of bacteria from Bellary Iron ore mines Rajni Kumari and Anand Prem Rajan
IB_033	Extraction and characterization of silk sericin from <i>Bombyx mori</i> Yash R. Somaiya, Chong Zhen Ye, G. Priya, I.Manjubala
IB_034	Biological activities of endophytic fungi <i>Penicillium</i> sp. CF21 isolated from <i>Cassia fistula</i> Shoba Sundaramoorthy and Mythili Sathiavelu
IB_035	Accelerated Retting of Jute Using Bacteria for Improved Fibre Quality Ipsita Roy, Samar De, S. G. Saha, Dr. S. K. Chakrabarti, Dr. U. S. Sarma
IB_036	Standardization of Immobilization process using GI produced by Actinobacterial isolate KP for efficient isomerization Tanim Arpit Singh and Sheetal Bhasin
IB_037	Purification, Characterization, and antimicrobial activity of chitinase using endophytic bacterium isolated from <i>Asparagus racemosus</i> Nisha Elizabeth Sunny, Venkat Kumar Shanmugam
IB_038	Diversity and biogenic potential of actinobacteria associated with sponge <i>Callyspongia diffusa</i> Neethu Kamarudheen, K.V Bhaskara Rao
IB_039	Secretome analysis reveals thermophilic fungus <i>Mycothermus thermophilus</i> as industrially important source of cellulases and hemicellulases Neha Basotra, Baljit Kaur, Marcos Di Falco, Adrian Tsang and Bhupinder S. Chadha
IB_040	Fungal Solid State Fermentation for Cellulase Production and Its Application S. Patel and S. Murty
IB_041	A comparative production of L-glutaminase by <i>Acinetobacter</i> sp. PJB1 through submerged and solid state fermentation Jyoti Prakash Soren, Tanmay Paul, Amrita Banerjee, Keshab C. Mondal, Pradeep K. DasMohapatra

IB_042	Scale up of PHB production using <i>Azohydromonas australica</i> Sanjay kumar, A.K. Srivastava
IB_043	Molecular cloning and expression of industrially important thermostable alpha amylase from <i>Streptomyces griseus</i> TBG19NRA1 in <i>E.coli</i> Selvaraj Alagu Lakshmi, Sugathan Shiburaj, Shunmugiah Karutha Pandian
IB_044	Separation of alkaline protease by foam fractionation technique: Statistical modelling and optimization I. Ganesh Moorthy, A. Anant Achary, R. Shyam Kumar, R. Baskar
IB_045	Agricultural waste as potential biomass for xylooligosaccharide production Arumugam N, Puri AK, Permaul K, Pillai SK and Singh S
IB_046	Production and characterization of biopolymer Polyhydroxybutyrate (PHB) from <i>Parthenium hysterophorus</i> by <i>Cupriavidus necator</i> Sushobhan Pradhan, Arup Jyoti Borah, Vijayanand S. Moholkar
IB_047	Cloning and expression of endoglucanase gene from <i>Bacillus licheniformis</i> MKU3 A.F.P. Allwin Mabes Raj, Goutham, Paramasamy Gunasekaran, Jeyaprakash Rajendhran
IB_048	One pot green synthesis of silver nanoparticles using aqueous leaf extract of <i>Acacia nilotica</i> and investigation of their biomedical applications R. G. Saratale, H. S. Shin, Y. Y. Jiang, J. S. Chang and G. D. Saratale
IB_049	Biotechnological production of xylitol from acid saccharified cotton stalk using xylose fermenting isolate <i>Candida tropicalis</i> Jfh5 Jyosthna Khanna Goli, Praveen Keshav and Venkateswar Rao Linga
IB_050	Comparative analysis of wine produced from six different fruit sources Samiksha Kakde, Manisha Pandey, Ghanshyam Tandon, Supriya Kore
IB_051	Enhancement of inclusion body purity by strategic sonication in the presence of detergents and chaotropic agents Suman Tapryal, Manohar Vasam, Sandeep Kumar, Vikas K. Singh
IB_052	Fumaric acid production using biomass hydrolysate by a novel <i>Rhizopus oryzae</i> isolate Sulfiya K. Moideen, Amith Abraham, Anil K. Mathew, Raveendran Sindhu, Rajeev K. Sukumaran
IB_053	Exploring glucanase producing ability of indigenous lactic acid bacteria from Tripura Payel Roy, Abhishek Mishra and Deeplina Das
IB_054	Optimization of asparaginase production from <i>O. intermedium</i> : a potential candidate for acrylamide mitigation. Shubhi Mishra and Anjana Sharma
IB_055	Keratinase production by <i>Streptomyces albidoflavus</i> TBG-S13A5 in solid state fermentation facilitate feather degradation Atmaram Varsha, Rajeev Kumar Sukumaran, Shiburaj Pradeep NS, Kesavan Madhavan Nampoothiri
IB_056	Enhanced production of alpha tocopherol from cell suspension culture of <i>Helianthus annuus</i> L. by addition of Elicitors and Precursors Aparajitha Srinivasan, Vijayakumar S, Smita Srivastava
IB_057	Isolation and Screening of Tyrosinase producing bacterial isolates from different

	gardens of Jabalpur (M.P) Prashansa Vyas and Anjana Sharma
IB_058	Biofilm disruption potential of a glycolipid biosurfactant from halophilic marine <i>Vibrio parahaemolyticus</i> Suganya Kannan, Govindan Krishnamoorthy Asha dhasayan and Murugan Marudhamuthu
IB_059	Biotransformation of carbon di oxide into calcium carbonate for tyrosinase production from <i>Pleurotus florida</i> with reference to phenol degradation: approach for complete bioremediation of atmospheric CO ₂ Juhi Sharma, Anjana Sharma
IB_060	Attenuation of quorum sensing mediated biofilm formation and virulence factor production in <i>Acinetobacter baumannii</i> by monoterpene compound Anthonymuthu Selvaraj, Shunmugiah Karutha Pandian
IB_061	Identification of fungi associated with aloe vera Shilpa Kaurav and Akhilesh Ayachi
IB_062	Improved Carbon Monoxide-Water Mass Transfer by Electrolytes in Hollow Fibre Membrane Bioreactor System Nulee Jang, Muhammad Yasin, Hyunsoo Kang, Yeubin Lee and In Seop Chang
IB_063	Utilization of <i>Bacillus subtilis</i> vegetative cell based surface display system for whole cell biocatalysis Reeshav Gupta and Santosh B. Noronha
IB_064	Combined metabolic flux analysis and pathway identification to maximize product yield R. Tamil Elakkiya, M. Thenmozhi
IB_065	A functional metagenomic approach for isolation and insilico characterisation of novel oxygen-insensitive nitroreductase Divakar. K, Sowjanya. B
IB_066	Cavitation for Intensification of De-lignification of Napier grass by Advanced Oxidation Process Karuna Nagula, A B. Pandit
IB_067	Microwave treatment for intensification of Napier grass delignification Karuna Nagula, A B. Pandit
IB_068	Structure elucidation of glycolipid biosurfactant from <i>Gordonia amicalis</i> HS-11 Harshada Sowani, Mohan Kulkarni, Smita Zinjarde
IB_069	Mathematical Model Based Bioprocess Design with Pre-Treatment Optimization for Release of Medicinally Valuable Phytochemicals from <i>Piper nigrum</i> and <i>Syzygium aromaticum</i> Wastes Siddharth Vats, Meemansha Singh, Sakshi Singh and Swati Tandon Shri Ram Swaroop Memorial University, Lucknow
IB_070	Screening and characterization of β -Galactosidase producing <i>Lactobacillus</i> Sp. isolated from dairy samples for lactose free product development Nivetha.A and V.Mohanasrinivasan
IB_071	Isolation and characterization of polyhydroxyalkanoate (PHA) produced by a novel <i>Bacillus</i> spp. from industrial effluent contaminated soil Soruba Evangeline A, Vickram sundaram , Ramesh pathy M, Sridharan

	Balasundaram
IB_072	Isolation and identification of endophytic fungi from the medicinal plant <i>Mussaenda luteola</i> and its biological activities Shylaja Gunasekaran, Sathiavelu Arunachalam
IB_073	Screening and characterisation of urease from marine bacteria Gargi S and Suthindhiran K.*
IB_074	Production, optimisation, partial purification and characterization of amylase from <i>Bacillus megaterium</i> isolate Vaishnavi Nigam, Nitin Wahi, Jahir Alam Khan, Ashok Kumar Bhatia
IB_075	Statistical optimization, purification and biochemical characterization of thermotolerant amylase from <i>Bacillus vallismortis</i> TD6 Chandrasekaran Suganthi, Anbazhagan Mageswari, Nalini Easwaran Ramachandran Srinivasan, Amballa Chaitanyakumar, Sivashanmugam Karthikeyan, Nachimuthu Ramesh and Kodiveri Muthukaliannan Gothandam
IB_076	Isolation, characterization and optimization of protease inhibitor producing marine yeasts isolated from mangroves Anwesha Sarkar, K. V. Bhaskara Rao
IB_077	Synthesis and characterization of silver nanoparticles by chemical reduction method C. Ranjith Kumar, Dr.AnandAnbarasu
IB_078	Assessment of pathogenicity of an industrial relevant strain of <i>Pseudomonas aeruginosa</i> MCCB 123 Divya Jose ¹ , A Mohandas ¹ , I.S.Bright Singh ^{1*}
IB_079	Novel laccase from <i>Perenniporia tephropora</i> L168 and its biotechnological prospects Narkhede M.K ² , Narkhede K.P. ^{1*} , Mahajan R. T. ²
BioFuels and Bio Refineries (BR)	
BR_001	Investigation of extraction and back-extraction of butanol from fermentation medium using non-ionic surfactant Atulkumar N. Raut, Preety S. Gedam, Pradip B. Dhamole
BR_002	Management of sulfate in petroleum produced water through (bio)electrochemical treatment Pratiksha Jain, Sandipam Srikanth, Manoj Kumar, Priyangshu M Sarma, M P Singh, Banwari Lal
BR_003	Development of cellulase-nanoconjugates with enhanced ionic liquid and thermal stability for application in efficient lignocellulose saccharification Jasneet Grewal, Razi Ahmad, S.K. Khare
BR_004	Simultaneous saccharification and fermentation of oil palm frond biomass for the production of 2,3-butanediol Sulfath Hakkim Hazeena, Chandrasekharan Salini, Parameswaran Binod
BR_005	Production of ethanol from microwave assisted alkali treated wheat straw using simultaneous saccharification and fermentation process Amisha Patel, Harshvadan Patel and Amita R. Shah
BR_006	Pyrolysis of azolla, macro algae and water hyacinth for production of Bio-Oil Jitendra Kumar, Raweel Singh, Thallada Bhaskar
BR_007	Sustainable Valorisation of Biogenic Municipal Solid Waste to Biobased Products

	A.Naresh Kumar and S.Venkata Mohan
BR_008	Pyrolysis of azolla, macroalgae and water hyacinth for production of bio-oil Bijoy Biswas, Rawel Singh, Jitendra Kumar, Bhavya Balagurumurthy, Thallada Bhaskar
BR_009	Enzymatic Deconstruction of Agro waste for Biofermentation and Biofuel production P. Aghera and N. Bhatt
BR_010	Evaluation of different pretreatment methods for enhancement of biohydrogen production from fruit and vegetable waste (fvw) using mixed anaerobic cultures Ajay Dwivedi, A. N. Vaidya, M. Suresh Kumar
BR_011	Modeling of microfluidic bio-solar cell using comsol multiphysics platform Liyakath Reshma, Amballa Chaitanyakumar and Kannappan Santhakumar
BR_012	Exploiting the efficacy of Bacillus sp. GDSfor cellulolytic enzymes production for biomass saccharification and bioethanol fermentation R. G. Saratale, H. S. Shinand G. D. Saratale
BR_013	Regulating acidogenic process towards enhancing waste derived biohydrogen and biohythane production in Single Stage process Omprakash Sarkarand S. Venkata Mohan
BR_014	Scaling up of Biohydrogen Production Process to Pilot Scale (10 m ³) P. Chiranjeevi, Omprakash Sarkar and S.Venkata Mohan
BR_015	Fatty acids synthesis through Nannochloropsis cultivation through different nutritional modes Rajesh Kona and S Venkata Mohan
BR_016	An assessment of various Feedstock of Invasive and Noxious Weeds as a potent candidate for Bioethanol Production Arup Jyoti Borah, Shyamali Sarma, Ritesh S. Malani, Arun Goyal, Vijayanand S. Moholkar
BR_017	Hydrothermal conversion of lignin for production of valuable phenolic compounds Aditya Prakash, Bhavya Balagurumurthy Krishna, Rawel Singh, Jitendra Kumar, Thallada Bhaskar
BR_018	Algal bloom: a substantial nutrient source for microalgae cultivation for biodiesel production Priyanka Jain, Dr.C.B Majumder, Neha Arora, Juhi Mehtani,Dr.Vikas Pruthi
BR_019	Augmenting lipid accumulation in EMS mutants of oleaginous microalgae for biodiesel production Juhi Mehtani, Neha Arora, Alok Patel, Parul A. Pruthi and Vikas Pruthi
BR_020	Fostering TAG accumulation in novel oleaginous yeast Cryptococcus sp. IITRFD utilizing groundnut shell for improved biodiesel production Farha Deebea, Vikas Pruthi, Yuvraj S. Negi
BR_021	Effect of torrefaction on yield and quality of pyrolytic products of Arecanut Husk: an agro-processing wastes Debajit Gogoi, Neon Jyoti Bordoloi, Rumi Narzari, Ruprekha Saikia, Rupam Katak
BR_022	Comparative analysis of bioethanol production involving saccharification by mixed recombinant clostridial enzymes using sugarcane leafs and kans grass as sustainable

	feed stocks from north-east India Ashutosh Gupta, Vikky Rajulapati, Debasish Das and Arun Goyal
BR_023	Comparative evaluation of pretreatment methods on agrowaste Sorghum bicolor stalk for bioethanol production Sumitha Banu J, Vijay S. Moholkar and Arun Goya
BR_024	Insights on lipid accumulation and halotolerance mechanism of novel oleaginous microalgae for enhancing biodiesel production Neha Arora, Juhi Mehtani, Alok Patel, Parul A. Pruthi and Vikas Pruthi
BR_025	Electropotential induced Semi-Artificial Photosynthesis for enhanced CO ₂ biosequestration Sai Kishore Butti, S Venkata Mohan
BR_026	Bacillus sp. CPS21: A potential source of cellulase for production of bioethanol from lignocellulosic biomass Vaishali Sharma, Nidhi Rana, Arvind Kumar Bhatt
BR_027	Integrated Technology for a New Generation Biofuel production based to esters from cellulosic biomass Agapi Dima, Konstantina Boura, Panagiota-Yirolanda Stergiou, Athanasios Foukis, Olga A. Gkini, Panagiotis Kandyli, Katerina Pissaridi, Argyro Bekatorou, Maria Kanellaki, Emmanuel M. Papamichael, Athanasios A. Koutinas
BR_028	Improved biomass and lipid production by Synechocystis sp. NN - An industrial waste to bioenergy approach: nano-catalyst mediated transesterification for biodiesel application Kalimuthu Jawaharraj, Rathinasamy Karpagam, Balasubramaniam Ashokkumar, Shanmugam Kathiresan and Perumal Varalakshmi
BR_029	Role of temperature and solvent on hydrothermal liquefaction of Sargassum sp. algae Bijoy Biswas, Aishwarya Arun Kumar, Jitendra Kumar, Rawel Singh, Thallada Bhaskar
BR_030	A novel yeast Trichosporon sp., isolated from rotten wood for lipid production using acid hydrolysate of sugarcane bagasse K.K. Brar, A.K Sarma, M. Aslam, B.S Chadha
BR_031	Experimental and Dynamic Modelling of Spirulina Platensis Cultivation in Open Raceway Ponds Panneerselvam Ranganathan, J.C. Amal, S. Savithri, Ajith Haridas
BR_032	CO ₂ Sequestration in Single Chambered Microbial Electrochemical Systems through Electromethanogenesis G. Velvizhi, Sai Kishore Butti, S. Venkata Mohan
BR_033	Xylanase from Bacillus sp. N10 for lignocellulosic bioethanol production Nidhi Rana, Vaishali Sharma, Arvind Kumar Bhatt
BR_034	Production of exopolysaccharides (EPS) from freshwater green microalgae: EPS enhancement strategies using media optimization and its application in photosynthetic algal microbial fuel cells (PAMFCs) M.J. Angelaalincy, N. Senthilkumar, G. Gnana Kumar, B. Ashokkumar and P. Varalakshmi
BR_035	Effect of 5-hydroxy methyl furfural (5-HMF) on continuous fermentative

	biohydrogen production using galactose Arivalagan Pugazhendhi, Parthiban Anburajan, Jong-Hun Park, Periyasamy Sivagurunathan, Gopalakrishnan Kumar, Sang-Hyoun Kim
BR_036	Metabolic flux network analysis of hydrogen production from crude glycerol by <i>Clostridium pasteurianum</i> Shyamali Sarma, Avinash Anand, Vikash Kumar Dubey, Vijayanand S. Moholkar
BR_037	Optimization of growth medium for <i>Arthrospira platensis</i> production using Response surface methodology Amal J.Chennattussery, Nidhin Sreekumar, Anie Mariya, Panneerselvam Ranganathan
BR_038	Bio-ethanol plant waste lignin derived catalyst for the valorization of carbohydrates to furan based chemicals and fuels Churchil A. Antonyraj,Ajit Haridas
BR_039	Valorization of <i>Ananas comosus</i> (pineapple) waste generated during cultivation and industrial processing Anil K Mathew, Meera Christopher, Emrin George, Amith Abraham, Sindhu Raveendran, Rajeev K Sukumaran
BR_040	Glucose tolerant β -glucosidase from a rare <i>Aspergillus</i> as an effective blend-in for biomass hydrolyzing enzyme cocktails Prajeesh K.V, Rajasree KP, Amith Abraham, Rajeev Kumar Sukumaran
BR_041	Cellulase production using <i>Trichoderma reesei</i> in solid state fermentation and its application in saccharification of alkali pre-treated sorghum stover Ayman Salih Omer Idris, Ashok Pandey, Rajeev Kumar Sukumaran
BR_042	A biorefinery-based approach for the production of ethanol from enzymatically hydrolysed cotton stalks Meera Christopher, Anil Mathew, Kiran Kumar M,Ashok Pandey, Rajeev K Sukumaran
BR_043	Indigenous sources of nutrient for culturing of microalgae for economic biodiesel production Nidhin Sreekumar, Amal J Chennattussery, Anie Mariya, N Selvaraju
BR_044	Novel <i>Saccharomyces cerevisiae</i> strains from tropical rainforest tolerant to potential inhibitors from lignocellulosic pretreatment for bioethanol production Emrin George, Anil K Mathew, Amith Abraham, Kiran Kumar M, Rajeev K Sukumaran
BR_045	Thinking beyond <i>Trichoderma reesei</i> : Development of biomass hydrolyzing enzyme cocktail based on <i>Penicillium janthinellum</i> . Meena S, Resna NK, Pandey A, Sukumaran RK
BR_046	Pretreatment of indigenous microalgae <i>Chlorella</i> sp. KA-24NITD for enhancement of lipid yield: optimization by Taguchi method Kiran Bobde, Huda Momin, Ashish Bhattacharjee and Kaustav Aikat
BR_047	Salinity Induced Lipid Overproduction in Microalgae and Cluster Analysis Garima Srivastava, Nishchal I and Vaibhav V. Goudl
BR_048	Adsorption of free fatty acid from waste cooking oil for the biodiesel production R.Selvaraj, N. Chandru, K. Janani, I. Ganesh Moorthy

BR_049	Operation of CO-bubble Forming Filter Reactor to Enrich CO Consuming Acetogenic Microbes and Determination of Enriched Acetogenic Library by High-Throughput Sequencing Technique Hyunsoo Kang, Shinyoung Park, Hongjae Park, In-Geol Choi and In Seop Chang
BR_050	Comparative molecular field analysis on quinolinone derivatives to design potent hepatitis c virus inhibitors Malathi Kullappan, Anand Anbarasu and Sudha Ramaiah
BR_051	Potential enzyme consortium for the production of bioethanol from <i>Acacia nilotica</i> biomass M.Dhaslima Nasreen, S.Abinaya, N.Prema, A. Ronaldo Anuf, R. Shyam Kumar I. Ganesh Moorthy
BR_052	Modeling the fractionation of rice husk by wet air oxidation: solubilization kinetics of hemicellulose Abhinav Sharma, Mohmmad Shahabazuddin, R.A. Sohony, S.N. Mudliar
BR_053	Comparative evaluation and optimization of a simple method for lipid extraction from marine macroalgae for biodiesel production Lakkakula Satish, Shanmugaraj Gowrishankar, Thangamuthu Venkatesan, Gurusamy Sivaprakash, Alagarsamy Arun, Shunmugiah Karutha Pandian, Manikandan Ramesh
Food and Agricultural Biotechnology (FAB)	
FAB_001	Screening for dicarbonyl compounds in Manuka honey in terms of methylglyoxal equivalents Poonam Singh Nigam, Tz Ho, Kwok, G. Kirkpatrick, I. Hasif, I. Portolakis & R. Owusu-Apenten
FAB_002	Evaluation of probiotic properties of Lactic acid bacteria isolated from different sources Manisha Junnarkar, Prasad Thakare, Jana Jass, Abul Mandal, N. N. Nawani
FAB_003	Production of soybean derived bioactive molecules using protease, amylase and β -glucosidase producing <i>Bacillus</i> spp. isolated from Kinema Samurailatpam Sanjukta, Amit Kumar Rai, Ishani Bhat, Pardeep K Bhardwaj, Dinabandhu Sahoo
FAB_004	Effect of harvesting time on essential oil content and composition of fresh and storage flowers of <i>Pandanus fascicularis</i> IS Sandeep, N Nasim, JK Behera, B Kar, VV Ramarao, S Nayak, S Mohanty
FAB_005	Direct shoot regeneration in finger millet and assessment of genetic fidelity using ISSR Atul Babu G, Vinoth A, Ravindhran R
FAB_006	Identification and characterization of cyclotides in in vitro cultures of <i>Viola odorata</i> Narayani. M, Anju Chadha, Smita Srivastava
FAB_007	Variation in the major constituents and yield of kewda oil (<i>Pandanus fascicularis</i>) with respect to climatic and physical factors JK Behera, IS Sandeep, N Nasim, B Kar, S Nayak, S Mohanty, RK Srivastava, VV Ramarao
FAB_008	Purification and characterization of anti-quorum compounds of <i>Drimys nagarjunae</i> – An Indian tribal medicinal plant Narendranath Alluri and Mala Majumdar

FAB_009	Effect of strobilurin fungicide on growth and yield of banana Zalak M. Patel, Siva Satya Mohan Jampala
FAB_010	Accumulation of Phytoene, a colorless colorless carotenoid by inhibition of Phytoene desaturase (PDS) gene in <i>Dunaliella salina</i> Ramachandran Srinivasan and KM Gothandam
FAB_011	Ex situ conservation and analysis of essential oil composition of <i>Etlingera fenzlii</i> (Kurz) Skronick. & M. Sabu; the honey bee repellent endemic plant species of the Andaman Nicobar Islands Anju Sudhakaran and Radha RK
FAB_012	Efficient plant regeneration from shoot tip explants of <i>Couroupita guianensis</i> – a valuable medicinal tree Shiny P, Vinoth A, Ravindhran R
FAB_013	Optimization and kinetics of acrylamide mitigation in fried potatoes using fungal asparaginase R. Aiswarya, G. Baskar
FAB_014	Incorporation of Nata de mango pieces in beverage Manjusha Joardar, Himadri Pal, S S Lele
FAB_015	Effect of extraction methods on total phenolics, flavonoids, bioactive constituents and antioxidant activity of rhizome extract of <i>Curcuma angustifolia</i> S Jena, A Ray, A Sahoo, S Singh, S Nayak
FAB_016	Evaluation of Potential Dietary and Nutraceutical properties of fresh water Indian Cobitid fish <i>Lepidocephalus thermalis</i> (V.) Shobana M, Raghavan Kand Ramesh U
FAB_017	Effect of different extraction techniques on total phenolic, flavonoid and antioxidant activity of Piper betle L. and quantification of its phenolic constituents by validated HPTLC method. S Das, A Ray, S Nayak, S Mohanty
FAB_018	Optimized solubilization for proteome analysis of rice seedlings grown under modified hydroponics C. B. Sruthilaxmi and S. Babu
FAB_019	Biorefinery development for the production of bio-based chemicals and polymers using food industry side streams Apostolis Koutinas, Nikolaos Kopsahelis, Aikaterini Papadaki, Dimitrios Ladakis, Vasiliki Kachrimanidou
FAB_020	Screening of PGPR Production and Pesticides Degradation Study of Endophytes from Saline Dessert, Gujarat, India for Sustainable Agriculture. Himani Gandhi, Monita Patel, Rajesh Patel
FAB_021	Nanoencapsulation and stability studies of purified pediocin extracted from <i>Pediococcus pentosaceus</i> KC692718 and its antilisterial activity Suganthi. V, Selvarajan. E, Subathra Devi. C, Nivetha.A and Mohanasrinivasan. V
FAB_022	In-silico analysis of exudates during plant-microbe interactions in remediation Sasikaladevi R, Hema J
FAB_023	Interaction of β - carotene with BSA: Insights from quenching, thermodynamics and in silico approaches. Sankari Mohan, Hridya Hemachandran, Sneha P, Mohan Gopalakrishnan, George

	Priya Doss C, Siva Ramamoorthy
FAB_024	Genome wide identification of <i>Pseudomonas aeruginosa</i> PGPR2 genes essential for root colonization in maize R. Sivakumar, J. Ranjani, P. Gunasekaranand J. Rajendhran.
FAB_025	Premature Detection of <i>Agrobacterium rhizogenes</i> mediated Genetic Transformation preceding Molecular Confirmation in Threatened Indian Orchid <i>Dendrobium ovatum</i> Ipsita Pujari, Abitha Thomas, Padmalatha Rai S, Kapaettu Satyamoorthy, Vidhu Sankar Babu
FAB_026	Study of Nutritional and Antibacterial Potential of Some Wild Edible Mushrooms from Gurguripal Ecoforest, West Bengal, India Krishanu Singha, Bikash R. Pati, Pradeep K. Das Mohapatra.
FAB_027	Impact on health by fermented rice beverage using a non-alcoholic probiotic starter <i>Bifidobacterium</i> sp. MKK4 Mousumi Ray, Kuntal Ghosh, Papan Kumar Hor, SomNath Singh, Keshab Chandra Mondal
FAB_028	Exploration of a traditional wheat based fermented flat bread of Leh/Ladakh region and amalgamation of biotechnological approaches for its quality improvement Papan K Hor, Kuntal Ghosh, Avik Panda, Mousumi Ray, Abhijit Banik, Debabrata Bera, Sanjai K Dwivedi, SomNath Singh, Keshab C Mondal
FAB_029	Amelioration of cold stress in the growth of millets by exogenous expression of ACC deaminase gene in psychrotolerant bacteria, <i>Sphingomonas faeni</i> ISO Srinivasan R, Mageswari A, Subramanian P, Suganthi C, Chaitanyakumar Amballa, Vaibhav Kumar Maurya and Gothandam KM
FAB_030	<i>Vibrio cholerae</i> reduces its ploidy levels during starvation Shridhar S Paranjape, Shashidhar. R.
FAB_031	In vitro antimicrobial activity of essential oils on food pathogenic bacteria Suhas Ghorpade, Samiksha Kakde, Dharmendra Singh, Supriya Kore
FAB_032	Elicitor induced enhancement of in vitro plumbagin production in <i>Plumbago auriculata</i> Jyoti Deshpande, Ashish Goel, Mihir Shah, Madhukar Khetmalas, Minal Wani
FAB_033	Selective Enrichment of Eicosapentanoic acid (20:5n-3) in <i>N. oceanica</i> CAS CC201 by natural auxin supplementation Aswathy U, Arumugam M ¹
FAB_034	Medicinally important <i>Indica</i> rice Navara callusing and regeneration protocol under in vitro condition Manish Solanki, Lata I. Shukla
FAB_035	Biochemical evaluation of an exopolysaccharide (EPS) produced by a food grade <i>Lactobacillus plantarum</i> BR2 Keerthi Sasikumar, Deepti Kozhummal Vaikkath, K. Madhavan Nampoothiri
FAB_036	Isolation of genes responsible for folate production from an indigenous folate producing <i>Lactococcus lactis</i> Muneeb Hamza and K. Madhavan Nampoothiri
FAB_037	Effect of long term storage period on four different seed varieties of <i>Sesame indicum</i>

	Prashant Kumar Mishra, Seema Paroha Ravi Prakash Mishra
FAB_038	Engineering rhizosphere microbiome of soybean for improving plant performance and disease resistance Anamika Dubey, Ashwani Kumar
FAB_039	Cloning and Characterization of miRNA-87 from <i>Helicoverpa armigera</i> (a Lepidopteran Insect Pest) M. Abaranjitha, M. V. Rajam
FAB_040	The Effect of Bacteria Induced Silver Nanoparticles on <i>Pennisetum glaucum</i> Seed Germination Sable S, Joshi Sand Ranade S
FAB_041	A Novel Approach of establishing invitro Tissue cultured Pomegranate 'Bhagwa' with entomopathogens as endophytes P. Manasa Satheesh, T. B. Sridharan
FAB_042	Co –cultivation of phosphate solubilizing bacteria and the response to heavy metals resistant activity Indrapriyadarshini.S and Karthikeyan Sivashanmugam
FAB_043	Effect of substrate and supplementation on growth and yield of King Oyster (<i>P.eryngii</i>) Mushroom Makkar S, Singh A and Nehra K.
FAB_044	Screening and characterization of bacteriocin from <i>Lactobacillus plantarum</i> and its application as a bio-preservative. Mohanasrinivasan.V, Ranga Mounika, C. Subathra Devi, Nivetha.A and Jannatul Firdous
FAB_045	Efficient plant regeneration of an endangered Himalayan giant lily, <i>Cardiocrinum giganteum</i> (Wallich) Makino C. Rajasekaran, T. Kalaivani, C.P. Kuniyal and P. Prasad
FAB_046	Sprouted sorghum extract elicits coleoptile in indica rice and enhances its shoot and root acclimatization, maintaining its genetic fidelity (R-ISSR) Radhesh Krishnan S, Pandian S, Muthuramalingam P, Banupriya R, Chithra G, Ramesh M
FAB_047	In vitro regeneration of diploid and triploid banana cultivars Elakki (Syn. Ney poovan) (AB) and Grand naine (AAA) Shalini S and Deepa Sankar P
FAB_048	Cinnamon as an antidote for aflatoxin B1 contamination Dhanamjayulu. P, Alka Mehta
FAB_049	Mycogenic synthesis of TiO ₂ nanoparticles and their biological and physiological changes of cotton bollworm <i>Helicoverpa armigera</i> (Hub.) (Lepidoptera: Noctuidae) Chinnaperumal Kamaraj, Chinnadurai Siva, Velramar Balasubramanian, Ramalingam Karthik Raja, Manickam Raja, Pachiappan Perumal
FAB_050	Probiotic Potential of Vaginal Enterococci Preeti Sharma and Sukhraj Kaur
FAB_051	Co-suppressed and RNAi silenced zeta carotene desaturase developed variegated tomato transformants with increased phytoene besides altered phenotypes Ramachandran Srinivasan, Merlene Ann Babu and K M Gothandam
FAB_052	Screening of oxalate degrading bacteria from the gut of experimental rats fed with

	oxalate rich diet Yogita Mehra, Pragasam Viswanathan
Medical Biotechnology (MB)	
MB_001	Studies on the prevalence of multidrug resistant coliforms in natural water bodies S. Awate, Priti P. Yewale, A. Mandal, N. N. Nawani, J. Jass
MB_002	Towards Algal Biomass Pellets-an alternate biomass for cook-stoves: its role in improving indoor air quality of rural Pune Neeta G. Wagle, S. Chugh, T. Sahasrabudhe, A. Mandal, C. Eriksson, and N. N. Nawani
MB_003	Physicochemical characteristics of calcium oxalate crystals isolated from <i>Spinacia oleracea</i> S. Subashini, K. Sathish Kumar, G. Baskar
MB_004	Expression of Type 1 Fimbriae enhances virulence of Uropathogenic <i>E. coli</i> by biofilm formation Niraj Ghanwate, Prashant Thakare, Anjali Tiwari, Smita Rakshit, Pramod Bhise Sant Gadge Baba
MB_005	Exploring alpha glucosidase inhibitory activity and antioxidant potential of endophytic fungus <i>Penicillium oxalicum</i> Rajvir Kaur and Amarjeet Kaur
MB_006	Alpha glucosidase inhibitory and antimicrobial potential of polysaccharide from endophytic fungus <i>Exophiala spinifera</i> Jasleen Kaur, Preeti Sharma, Amarjeet Kaur and Sukhraj Kaur
MB_007	Antimicrobial Activity of Organic extracts and Phytoconstituents of <i>Symplocos racemosa</i> (Lodhra) Bark. Henna Sood and Daljit Singh Arora
MB_008	<i>Mallotus philippinensis</i> fruit rind derived Phloroglucinol a suppressor of melanogenesis: Implications from enzyme kinetics and simulation study Hridya Hemachandran, Fagun Jain, Sankari Mohan, Thirumal Kumar D ¹ , Mohan Gopalakrishnan, George Priya Doss and Siva Ramamoorthy
MB_009	Antifungal activity of <i>Streptomyces</i> M4 against fungal phytopathogens Manish Sharma and Rajesh kumari Manhas
MB_010	Optimization of Process Parameters for the Production of Antibacterial Compound by <i>Streptomyces</i> sp. active against Drug Resistant Bacteria Riveka Rani and Rajesh Kumari Manhas
MB_011	Triclosan as antibiofilm agent against bacterial isolates of Urinary catheters Anjali Tiwari, Niraj Ghanwate, Sonali Dambe
MB_012	Preparation of silver nanoparticles using traditional medicinal plant (<i>Acalypha indica</i>) for its antimicrobial potential against food pathogens Soumia menon, S. Venkat Kumar, S. Rajeshkumar
MB_013	Conjugation, Labeling and Characterization of Asparaginase bound Silver Nanoparticles for Anticancer Applications G. Baskar, K. Lalitha, Garrick Bikku George, M. Chamundeeswari
MB_014	Phycocyanin and Phycocyanin extend life span and health span of <i>Caenorhabditis elegans</i> by averting the intracellular ROS generation and a physiological functional decline in eukaryotes under oxidative stress

	Mukesh Chaubey, Ravi R Sonani, Rajesh Prasad Rastogi, Datta Madamwar, Niraj Kumar Singh
MB_015	Immunomodulatory and Therapeutic Potential of a Mucin Specific Mycelial Lectin from <i>Aspergillus panamensis</i> Ram S. Singh, Hemant P. Kaur
MB_016	Physicochemical characterization of lipid nanosystems based on natural vegetable derived esters for antiepileptic drug delivery S Scioli Montoto, GA Islan, ME Ruiz, M Di Ianni, A Talevi, L Bruno-Blanch, GR Castro
MB_017	Evaluation of anti-Parkinson's drug L-DOPA, proximate composition and antioxidant potential of underutilized <i>Mucuna</i> species: <i>Mucuna macrocarpa</i> C.B. Aware, S.S. Suryawanshi, G.D. Vyavahare, J.P. Jadhav
MB_018	Exploring FTIR spectroscopy as a novel metabolic screening tool for oral pre-cancer V Rai, R Mukherjee, S Bose, S Roy, B Paul Ghosh, A Routray, AK Ghosh, C Chakraborty
MB_019	Probiotic characterization of novel pigmented heterotrophic bacteria for ornamental fish culture Jinendiran Sekar, Boopathi Seenivasan, Selvakumar Gopal and Sivakumar Natesan
MB_020	In Situ Developed Antibacterial Nanocomposites Containing Plant Cellulose Nanocrystals and Silver Nanoparticles for Wound Repair Rubbel Singla, Avnesh Kumari and Sudesh Kumar Yadav
MB_021	Phlorotannins from macro algae <i>Padina pavonica</i> - Investigating anti cancer and anti AGE potentials using <i>C.elegans</i> as an animal model Rai Sameer Kumar, Ganeshan Shakambari, Balasubramaniam Ashokkumar , and Perumal Varalakshmi
MB_022	An in vitro and in vivo exploration of Phenol, 2,6-bis(1, 1-dimethylethyl)-4-methyl- identified from the marine cyanobacterium as an antibiofilm agent against <i>Vibrio</i> species S. Santhakumari, N. Logalakshmi, S. Karutha Pandian and A. Veera Ravi
MB_023	In vitro efficacy of α -mangostin in killing and eradicating <i>Staphylococcus epidermidis</i> RP62A Biofilms Sivaranjani, M. Prakash, S. Gowrishankar, J. Rathna, Nandhini, S. Karutha Pandian, and A. Veera Ravi
MB_024	Quorum sensing mediated virulence inhibition of an opportunistic human pathogen <i>Serratia marcescens</i> from unexplored marine sediment of Palk Bay through function driven metagenomic approach Chairmandurai Aravindraja, Alaguvel Valliammai, Dharmaprakash Viszwapriya, and Shunmugiah Karutha Pandian
MB_025	Phytol from <i>Piper betle</i> attenuates biofilm formation and quorum sensing-mediated virulence of <i>Serratia marcescens</i> R. Srinivasan and A. Veera Ravi
MB_026	Green synthesis of silver nanoparticles and their antibiofilm potential against <i>Candida</i> spp. Subramanian Muthamil, Vivekanandham Amsa Devi and Shunmugiah Karutha

	Pandian
MB_027	Phage therapy: Formulation for cocktail preparation of lytic phages Ramesh Nachimuthu, Prasanth Manohar, Shanthini T, Bulent Bozdogan.
MB_028	Screening of bioactive principles for anti-biofilm activity against <i>Staphylococcus epidermidis</i> Thirukannamangai Krishnan Swetha and Shunmugiah Karutha Pandian
MB_029	Investigation of four edible seaweed extracts against starch digestion rate and insulin secretion in vitro Unnikrishanan PS and Jayasri
MB_030	Anti-biofilm/Anti-pathogenic activity of <i>Myristica fragrans</i> seed chloroform extract against <i>Candida albicans</i> Ganesh Prasath K, Sethupathy S, Karutha Pandian S
MB_031	Antimicrobial potential of wild Himalayan cherry (<i>Prunus cerasioides</i>), its optimization and Biosafety evaluation Himadri, Daljit S. Arora
MB_032	Antioxidant activity, total phenolic contents and total flavonoids contents of essential oils Sayantani Roychoudhury, Thesmi Thomas, Supriya Kore
MB_033	TLC-Direct Bioautography detection of antioxidant compounds present in different essential oils Afrin Mansuri, Vidhi Thakar, Supriya Kore
MB_034	In vivo toxicity Studies of different extracts of <i>Cyclea peltata</i> and heavy metal detection in <i>Cyclea peltata</i> using ICP-MS V.J. Shine, G.I. Anuja, S.R. Suja
MB_035	Identification of Bioactive principles of <i>Lepidium sativum</i> seed extracts- Bioactive guided fractionation approach R.Rajasekaran & P.K. Suresh
MB_036	Pharmacognostic and physiochemical evaluation of <i>Samanea saman</i> leaves Vinodhini S and Devi Rajeswari V
MB_037	Effect of Maghemite Nanoparticles in the Induction of Apoptosis on Human Hepatocellular Carcinoma (HepG2) Cell Line K. Manikandan, Ishita Baral, S. B. Anand and Amutha Santhanam
MB_038	Study of pellet morphology of <i>Streptomycestoxytricini</i> (NRRL B-5426) in submerged conditions Punit Kumar, Kashyap Kumar Dubey
MB_039	In-vitro study of anticancer and antimicrobial compounds isolated from organic extract of <i>Cordia oblique</i> Tilak Raj, Punit Kumar, Kashyap Kumar Dubey
MB_040	Anti – fibrotic activity of pomegranate peel extract (PPE) in V79 hamster lung fibroblasts – A model system for the treatment of oral submucous fibrosis Vembuli A Varadharaj, Suresh P.K
MB_041	Evaluation of Antioxidant Potential of Ferulic Acid Against A β (25-35) Mediated Oxidative Stress in Human Neuroblastoma (SH-SY5Y) Cells Sharanjot Kaur, Dr. Monisha Dhiman and Dr. Anil K. Mantha
MB_042	Genetic Characteristics of Plasmid-Mediated Extended Spectrum Beta-Lactamases

	from Clinical Bacteria Prasanth Manohar, Shanthini.T, Nitin Marathe, Shubham Jadhav, Saharika Slathia, Bulent Bozdogan, Ramesh. N
MB_043	Comparative phytochemical analysis of wild and in vitro cultured <i>Swertia chirata</i> Prabhjot Kaur and Devendra K. Pandey
MB_044	Investigating the inhibitory effect and possible mode of action of (E)-labda-8(17), 12-diene-15, 16-dial from <i>Alpinia nigra</i> on <i>Candida albicans</i> Ishani Chakrabartty, Alika Khare, Latha Ranagan
MB_045	Insertion sequence based analysis of clinical isolates with ndm (blandm-1) resistance Jose J, Santhiya K, Jayanthi S, Ananthasubramanian M
MB_046	Magnetosome mediated insulin oral delivery in diabetic rats Varalakshmi Raguraman, M.A. Jayasri and K. Suthindhiran*
MB_047	Relative evaluation of micronutrients (MN) and its respective nanoparticles (NPs) as additives for the enhanced methane generation Sudharshan Juntupally, Sameena Begum, Sarat Kumar Allu, Gangagni Rao Anupaju
MB_048	Strain improvement, optimization and purification studies for enhanced production of streptokinase from <i>Streptococcus uberis</i> TNA-M1 Subathra Devi.C., Mohanasrinivasan.V., Teetam Ghosal, Nikita A., Ashwini Siddapur., Vaishnavi.B., Jemimah Naine.S., Merlyn Keziah.S., Sowmya.B
MB_049	Over expression of membrane protein under carbapenem induced condition in <i>Klebsiella pneumonia</i> KPC-2 producing strain: A new mechanism proposed for antibiotic resistance Abid Ali and Asad U Khan
MB_050	Influence of smoking on semen parameters and sperm DNA integrity in fertile and infertile human male smokers. A prospective study Parameswari R, Kamini A Rao, Nalii E, Archana K, Sridharan TB
MB_051	Synthesis of zinc oxide nanoparticles using plant leaf extract against urinary tract infection pathogens J Santhoshkumar, S. Venkat Kumar, S. Rajeshkumar
MB_052	Hindrance of quorum sensing mediated biofilm formation and virulence factors production in uropathogen <i>Serratia marcescens</i> Rama Devi K, Srinivasan S and Veera Ravi A
MB_053	A novel biomolecule mediated synthesis of graphene oxide-silver nanoparticle nanocomposite: A potential anticancer nanotherapy Sangiliyandi Gurunathan and Jin-Hoi Kim
MB_054	Role of antioxidants and oxidative stress on sperm DNA in fertile and infertile males Chanchal Thomas Mannully, Bavaloor Sai Prathika Rao, Nagashree Srinidhi, Kamini Rao, Vickram Sundaram, Sridharan Balasundaram
MB_055	Effect of Extraction Process on Anti-Inflammatory Activity of Lichen <i>Parmotrema chinense</i> Sharon Joenita.T, Ram Kumar. A, Ronaldo Anuf.A, Ganesh Moorthy I, Sanjeeva Nayaka, Shyam Kumar.R

MB_056	Optimization of human semen extender components for preservation using Statistical tool S Nithya, Mishika Ahuja, A S Vickram, R Parameswari, T B Sridharan, M Ramesh Pathy
MB_057	Antibacterial, antioxidant, and hepatoprotective potentials of endophytic fungus isolated from Euphorbia hirta K.P.G.Uma Anitha, K. Sasikumar, A. Sathiavelu, S. Mythili
MB_058	Anticancer, antioxidant and antimicrobial activity of silver nanoparticles synthesized using Vitex negundo leaf extract S Rajeshkumar and R Geetha
MB_059	Preparation of Cellulose Nanofiber from agricultural Peanut shell R. Shanmuga Priya
MB_060	Exploiting FTIR spectroscopy as a novel metabolic screening tool for oral pre-cancer Vertika Rai, Rashmi Mukherjee, Surojit Bose, Seema Roy, Barnali Paul Ghosh, Chandan Chakraborty
MB_061	Optimized production of silver nanoparticles using marine macro algae Sargassum myriocystum for its anticancer and enhanced antibacterial activity S Venkat Kumar and S Rajeshkumar
MB_062	Efficacy of (trans)-3,7-Dimethyl-2,6-octadien-1-ol on the development of antibiotic resistance and biofilm formation in Staphylococcus epidermidis AR. Kannappan and A. Veera Ravi
MB_063	Evaluation of antibacterial activity of protein hydrolysate of C. lanatus seed Priyanka Dash, Goutam Ghosh
MB_064	Evaluation of Thymol Derived from Trachyspermum Ammi for its Hepatoprotective Activity in Wrl-68 Liver Cells Abel Arul Nathan, Bhakyalakshmi, Ishitha Baral and Setty Balakrishnan Anand
MB_065	Garlic oil loaded nanoemulsion mitigates podocyte injury in kidneys of prediabetic Wistar rats Yuvashree Muralidaran, Gokulakannan Ragavan, Rajesh N. G, Pragasam Viswanathan
MB_066	Predicting infant sleeping patterns using actigraphy and regression models S Ramakrishnan, Reethika Ramesh, Prabakaran N
MB_067	In silico approach to uncover the anticancer activity of phytochemicals extracted from Cassia fistula leaves against hematological malignancies Kanika Verma, K Ramanathan
MB_068	Intracellular Anatomical Changes During Oil Productivity In Chlorella Spp. Nitin Wahi*1, Seema Bhadauria2, Ashok Kumar Bhatia2
MB_069	Marine Streptomyces paradoxus sp. VITALK03 derived Gancidin-W mediated cytotoxicity through Ras-Raf-MEK-ERK and Wnt/Beta catenin signalling pathway Lokesh Ravi, Adhithya Ragunathan, Kannabiran Krishnan
MB_070	Establishment of normal range of TH17 cells and STAT3 activity in North Indian cohort Smrity Sahu, Shubham Goel, Ranjana W Minz, Biman Saikia

MB_071	Thermo stable direct hemolysin (TDH) and TDH related hemolysin (TRH) expression in <i>Vibrio parahaemolyticus</i> co-cultured with actinomycetes Manickavelu Manimaran and Krishnan Kannabiran
MB_072	In vitro leishmanicidal activity of Novel protease inhibitor producing marine Actinomycetales Bacterium BVK6 isolated from Kanyakumari salt pan soils against <i>Leishmania donovani</i> Veena Sreedharan and K V Bhaskara Rao
MB_073	Effects of Lamivudine Loaded Solid Lipid Nanoparticles on treatment of AIDS Pandurangan DineshKumar, Theivendren Panneerselvam, Arumugam Sivakumar, Potluri Sindhuri, Palanirajan Vijayaraj Kumar
MB_074	Identification of TAB3 as a binding protein of Mitogen activated protein kinase, p38 α Rini Jacob, M.P Aswathi, A. Sivakumar, K.M. Gothandam and M. Anbalagan
MB_075	Isolation of Bioactive compounds from <i>Costus pictus</i> D. Don P.V.Neethu, M.A Jayasri
MB_076	Evaluation of cytotoxic activity of leaf extract of <i>Achyranthes</i> sp Deepika Subramanyam, Abarna R, Gopalakrishnan. Mand Chinnadurai Immanuel Selvaraj
MB_077	Optimization, biosynthesis, characterization and bioactivity properties of silver nanoparticles from aqueous extract of <i>Berberis aristata</i> . S. Karpagam, Manikandan A and Sivakumar A
MB_078	Protective effect of <i>Abutilon indicum</i> against lead induced reproductive toxicity in male Wistar rats Santhoshkumar Rand Asha Devi S
MB_079	Study of lysine biosynthesis pathway network in foxtail millet (<i>Setaria italica</i> L) Rohit Karn and Subramanian Babu
MB_080	Antidiabetic effect of silver nanoparticles synthesized using lemon grass (<i>Cymbopogon citratus</i>) with microwave irradiation Happy Agarwal, S. Venkat Kumar, S. Rajeshkumar
MB_081	Isolation of actinomycetes from rhizosphere soils of <i>rhizophora apiculata</i> and screening for antimicrobial activity Kavitha S, Vimala R
MB_082	Cellular proteome analysis of human enteric bacteria in salad vegetables A. Nithya and S. Babu
MB_083	Prevalence of integrons in colistin resistant <i>klebsiella pneumoniae</i> and its synergistic out turn for colistin- meropenem Shanthini T, Prasanth M, Ekta P, Mahesan J. B, Gothandam K. M, Bulent Bozdogan and Ramesh N
MB_084	Efficiency of medicinal plants and its compounds as drugs in treating psychological and Psychiatric problems - A review Bhuvaneswari Mohanraj and Chinnadurai Immanuel Selvaraj
MB_085	Screening and identification of phytochemical constituents on some selected seaweeds from Gulf of Mannar, India Uma Vandhana R and Jayanthi S
MB_086	Cytotoxic and apoptotic promoting effects against human cancer HepG2 cell lines

	of 3-benzylhexahydropyrrolo (1, 2-A) pyrazine-1,4-dione from the <i>Cocos nucifera</i> Komathi G, Subathra devi, Panneerselvam
MB_087	Partial purification of endophytic proteolytic enzymes showing anti-cancer property against Triple negative breast cancer Divya Gopalakrishnan, Venkat Kumar Shanmugam
MB_088	Anticancer activity of lipidic nanoparticles containing essential oils components in hepatocarcinoma cells B. Rodenak-Kladniew, G.A. Islan, N. Noacco, M. García de Bravo, N. Duran, G.R. Castro
MB_089	Bacterial cellulose membranes with silver phosphate microparticles for skin wound dressing. Bernardo Bayón, Vera A. Alvarez, Guillermo R. Castro
MB_090	Innate immune-stimulating and immune genes up-regulating activities of white shrimp <i>Litopenaeus vannamei</i> treated with <i>Phyllanthus amarus</i> acetone extract via immersion Dinesh S, Sudhakaran R
MB_091	Isolation of actinomycetes for potential bioactive molecules Sarala kumari,K and Ammani,K
Environmental Biotechnology (EB)	
EB_001	Biodegradation of Malathion in free, immobilized cells and bioreactor: performance evaluation and kinetic study S. R. Geed, M. K. Kureel, B. S. Giri, R. S. Singh, B. N. Rai
EB_002	Characteristics of thermo-alkali-stable γ -CA from a novel extremophilic bacterium <i>Aeribacillus pallidus</i> TSHB1 and its applicability in mitigating global warming Bose H and Satyanarayana T
EB_003	Investigating the nitrification and denitrification kinetics under aerobic and anaerobic conditions by <i>Paracoccus denitrificans</i> ISTOD1 Kristina Medhi, Anjali Singhal, D.K. Chauhan and Indu Shekhar Thakur
EB_004	Determination and comparison of species diversity and establishment of phylogenetic relationship of the organisms in the marine and brackish water nitrite oxidizing consortia. Preena P.G and Bright Singh I.S
EB_005	Application of <i>Bacillus</i> sp. M2 for benzene biodegradation in continuous PBBR: Performance evaluation and kinetic studies M. K. Kureel, S. R. Geed, B. S. Giri, B. N. Rai, R. S. Singh
EB_006	Effect of thiocyanate (SCN^-) on aerobic granulation for treating phenol and ammonia nitrogen rich wastewater in a sequential batch reactor (SBR) Sachin Kumar Tomar, Saswati Chakraborty
EB_007	Efficiency and mechanisms of H_2S removal by wood derived biochar to enhance anaerobic reactor performance B. S. Giri, J. Kanjanarong, R. S. Singh, S. K. Khanal
EB_008	Multiple polycyclic aromatic hydrocarbon degradation by mixed bacterial culture enriched from Alang Sosiya Ship Breaking Yard, Gujarat, India Patel A.B, Jadeja N, Jain K, Madamwar D

EB_009	Biotransformation of Cr (VI) by bacterial consortium and its characterization S. Dave, N. Bhatt
EB_010	Trimethylamine biodegradation by bacterial consortium enriched from activated sludge Ishan Raj, Amit Bansawal, H.J. Purohit, Nishant Dafale and A.N. Vaidya
EB_011	Probing internal resistances during electron flow in bioelectrochemical systems: Rationale for metabolic energy flow at maximum power point G.N.Nikhil, Y.V.Swamy, S.Venkata Mohan
EB_012	Optimization of performance efficiency of Anaerobic Baffled Reactor for digestion of vegetable waste Madhuri Gulhane, Anshuman Khardenavis, Hemant Purohit
EB_013	Biosafety assessment of municipal wastewater after treatment by <i>Serratia</i> sp. ISTVKR1 Asmita Gupta, I.S. Thakur
EB_014	Fabrication and evaluation of physicochemical development of bio-carbons obtained from valorization of biowastes Rumi Narzari, Neonjyoti Bordoloi, Rupam Kataki
EB_015	Advanced Oxidation Biocover Alternate Cover Option for Municipal Solid Waste Landfills Abhishek Khapre and Sunil Kumar
EB_016	Investigation of multipollutants removal in anaerobic batch bioreactors by means of terminal electron accepting process Arvind Kumar Shukla and P.K. Ghosh
EB_017	Phytoremediation of fluoride with garden ornamentals <i>Nerium oleander</i> , <i>Portulaca oleracea</i> and <i>Pogonatherum crinitum</i> Rahul V. Khandare, Anuprita D. Watharkar, Shivtej P. Biradar, Pankaj K. Pawar and Sanjay P. Govindwar
EB_018	Plant derived antioxidants protect <i>Saccharomyces cerevisiae</i> from oxidative stress with simultaneous enhancement in its bioremediation efficacy Pankaj K. Pawar, Shivtej P. Biradar, Asif S. Tamboli, Tejas S. Patil, Rahul, V. Khandare, and Sanjay P. Govindwar
EB_019	Characterization and strain improvement of aerobic denitrifying EPS producing bacterium <i>Bacillus cereus</i> PB88 for shrimp water quality management in ex-situ model Pradeep K. Das Mohapatra, Prasenjit Barman, Partha Bandyopadhyay, Ahmet Kati, Tanmay Paul, Amit K. Mandal, Keshab C. Mondal
EB_020	Enhanced hydrolysis through different thermal pretreatment methods for pulp and paper mill sludge Veluchamy.C, Ajay S. Kalamdhad
EB_021	Biodegradation of Isoprene using <i>Methylobacterium</i> sp. Y. Bhardwaj, P. Vishwakarma, N. Srivastva, A. Singh, S.K. Dubey
EB_022	The fate of lignin biodegradation in anaerobic condition by anaerobic bacterium <i>Caldicellulosiruptor Bescii</i> Dayanand Chandras Kalyani, Daniel Girma Mulat, Svein J. Horn

EB_023	Simultaneous mycoremediation of multiple heavy metals by <i>Beauveria bassiana</i> : Microscopic and bioreactor studies Deepak Gola, Arghya Bhattacharya, Anushree Malik, Shaikh Ziauddin Ahammad
EB_024	Exopolysaccharide (EPS) production from soil bacteria (<i>Bacillus</i> sp.): media optimization, compound characterization and its potential application Kalpana Ramaraju, Angela Lincy Maria Joseph, Balaji Viswanath, Vasanth Vairathevar Sivasamy, and Varalakshmi Perumal
EB_025	Microbial degradation of organophosphorous pesticide quinalphos Duraipandian Govindarajan, Tharmar Muthurayar, Perumal Varalakshmi, Balasubramaniam Ashokkumar .
EB_026	Biodegradation of Phenol by Bacterial Consortium P. Hirpara and N. Bhatt
EB_027	An analysis of Concentric-Chambered Microbial Fuel Cell (MFC) performance Himanshu Gupta, Gagandeep Singh, Amrita Shahi, Praveen R, R. S. Singh
EB_028	Isolation and characterization of anaerobic bacteria from camel rumen S. Sharma and S. Murty Gujarat Vidyapith, Sadra 382320, Gandhinagar District, Gujarat
EB_029	Repellency activity of essential oils against housefly, <i>M. domestica</i> Nitin Chauhan, Deepak Gola, Anushree Malik and Satyawati Sharma
EB_030	Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) production from <i>C. necator</i> (DSM 545) Lovely, A.K. Srivastava
EB_031	Actinomycetes rich cooked-food-waste compost for reclamation of stressed soil Vadnere N.C, Yagnik M.M, Dutta R.B., Devkar L.C.
EB_032	Production of chitinase enzyme using bacterium isolated from shell-fish processing industry and its antifungal activity R. G. Gurav and J. P Jadhav
EB_033	Adsorption of hexavalent chromium from aqueous solution by activated carbon prepared from almond shell: Kinetics, equilibrium and thermodynamics study M. K. Rai, Y. Nath, H. Bajaj, S. Soni, R. S. Singh, B. N. Rai
EB_034	Analysis of bacterial community in heavy metals contaminated soil from electroplating industry by pyrosequencing Sathyavathi, Manjula A , Rajendran J and Gunasekaran P
EB_035	Focus on role of Biopolymers in environmental sciences and management –A Review Aravind J, Sen B, Kamaraj M, Sureshbabu P, Solomon Benor
EB_036	Biosurfactant producing microbes from contaminated soil samples. Prachiti Moharir, Niti B. Jadeja, Atya Kapley
EB_037	Exploring bioremediation efficiency and characterization of two pesticide degrading lab isolates from agricultural soil Kunvar Ravendra Singh, Pooja Bhardwaj, Dr. Atya Kapley
EB_038	Characterization of biosurfactant produced from industrial waste by alkalophilic <i>Pseudomonas otitidis</i> PR-7 isolated from soil and its application in bioremediation Ekramul Haque, Sharmili Jagtap, Boddolla Somnath, Omkar Shinde
EB_039	Biofilm formation and Quorum quenching in <i>Sphingomonas</i>

	Parul Gulati, Moushumi Ghosh Thapar Institute of Engineering and Technology University, Patiala
EB_040	Bioremediation potential of bacterial strains from petroleum refinery waste: Strain characterization and microcosm based kinetic study for field trial Poulomi Sarkar, Balaram Mohapatra, Ajoy Roy, Siddhartha Pal, Atrayee Chatterjee, Mrinal K Maiti, Sufia K Kazy and Pinaki Sar
EB_041	Characterization of Polyhydroxybutyrate (PHB) degrading depolymerase from a fungal isolate Arya J Mohan, Christophe Charlotte, Rajshree R Nair, K Madhavan Nampoothiri
EB_042	Development of microbial consortium for the degradation of brominated e-plastics. Rajshree R Nair, Arya J Mohan, K.Madhavan Nampoothiri
EB_043	In situ remediation of soil contaminated with perchlorate Pradeep S, Ajay SVand Krishnakumar B
EB_044	Comparative study of immobilized tannase from <i>Lactobacillus plantarum</i> JCM 1149 and <i>Staphylococcus lugdunensis</i> MTCC 3614 for effective treatment of vegetable tannery effluent Amballa Chaitanyakumar, Ramachandran Srinivasan, Karthikeyan Sivashanmugam, K. M. Gothandam and M. Anbalagan
EB_045	Synthesis of zinc oxide nanoparticles using <i>Hylocereus undatus</i> (dragon fruit) and its application in quorum quenching activity on biofilm forming marine organism Jayashree.M, Justin Packia Jacob.S
EB_046	Removal of Atrazine in three stage of UV-Fenton-Bioreactor in a batch PBBR Avinash Raj, S. R. Geed; B. S. Giri; M. K. Kureel; V. P. Singh; Sumit Kumar; R.S. Singh; B.N. Rai
EB_047	Assessment of physicochemical and biological parameters during rotary drum composting of Primary Paper mill sludge Jayeeta Hazarika, Sentineris Lyngdoh, Meena Khwairakpam, Ajay Kalamdhad
EB_048	Metaproteomics of Ammonia Oxidizing bacterial consortium (AMONPCU-1) employed in bioaugmenting nitrification in aquaculture systems Divya Jose ¹ , Preena P.G ¹ ., Rosamma Philip ² , I.S.Bright Singh ^{1*}
EB_049	Heavy metal phytoextraction potential of common Indian aquatic weeds and grasses from pulp & paper mill effluent after secondary treatment and their accumulation pattern in different parts Pooja Sharma, Vineet Kumar, Sonam Tripathi and Ram Chandra
EB_050	<i>Trichoderma viride</i> (MTCC 800): A potential candidate for agri-horti waste utilization by solid state fermentation Vishal Ahuja and Arvind Kumar Bhatt
EB_051	Optimization of process parameters for removal of formaldehyde from industrial wastewater by photocatalytic method P. Ezhilkumar, V. M. Sivakumar, M. Thirumarimurugan, K. V. Selvakumar.
EB_052	In vitro anti-inflammatory activity of <i>Boswellia ovalifoliolata</i> extracts and GC-MS analysis of hexane fractions Geetha Venkatesan, Sarada Nallani Chakravarthula
EB_053	Rapid generation of volatile fatty acids (VFA) through anaerobic acidification of

	livestock organic waste at low hydraulic residence time (HRT) Kranti Kuruti, Shalini Nakkasunchi, Sameena Begum, Vijayalakshmi Arelli, Gangagni Rao Anupoju
EB_054	Off grid power generation through high rate anaerobic gas lift reactor (AGR) from multiple feed stocks: Full scale experience Sameena Begum, Shruti Ahuja, Kranti Kuruti, Gangagni Rao Anupoju, Sudharshan Juntupally, Shalini Nakkasunchi, Devender Kumar Ahuja
EB_055	A Microbial Transformation using White-rot fungi to Produce Natural Vanillin from Ferulic Acid Pravin D. Patil and Ganapati D. Yadav
EB_056	Microbial Degradation of Solar Pre-treated Kraft Lignin to form Value Added Products Pravin D. Patil and Ganapati D. Yadav
EB_057	Studies on Removal of Reactive Dyes by Adsorption onto Activated Carbon from Rice Husk: Statistical Modelling and Adsorption Kinetics Karthikeyan R.K, Akbar Ali A.M, Sentamil Selvan M, Mithilesh K Rai, Madhangi Priyadharshini G, Padmanaban V.C, R.S.Singh
EB_058	Statistical Modelling on Degradation of Direct Red 81 dye by Advanced Oxidation Process: Ozonation Gayathri SAbaranjitha M Abarna S, Janani Sree G, Padmanaban V.C
EB_059	Genome analysis of crude oil degrading <i>Franconibacter</i> sp. strain DJ34 isolated from tank bottom sludge of Duliajan oil fields, Assam, India Sufia K Kazy, Siddhartha Pal, Anirban Kundu, Ajoy Roy, Tirtha Das Banerjee and Pinaki Sar
EB_060	Degradation of Polyolefin Waste Hazards using Photo-Oxidation and Phytophenolic Pro-Oxidants: A Review Koteswara Reddy G, Kiran Yarrakula
EB_061	Studies on Decolorization and Aerobic Degradation of Acid Violet 49 by Indigenous Bacterial Consortium isolated from Textile Effluents Purbasha Saha, Veena Sreedharan, K.V. Bhaskara Rao
EB_062	Phycoremediation of carton box industry effluent using green microalgae and its consortia Nilambari S.Patil, and Ravishankar A. Gokare
EB_063	Chromium(VI) adsorption by <i>Codium tomentosum</i> : evidence for adsorption by porous media from sigmoidal dose-response curve P. Suresh Babu, S. Eswaramoorthi, J. Arvind, T. P. Rajesh, B. Anandaraj
EB_064	Enhanced uptake of lead by an association of living bio-system; Plant (<i>Pennisetum purpureum</i>) and earthworm (<i>Lumbricus terrestris</i>) bioaugmented with bacteria (<i>Klebsiella variicola</i>) Anamika Das, Jabez Osborne W
EB_065	An emerging era of microbial tannase: a future outlook towards biotechnological advancement Amballa Chaitanyakumar and M. Anbalagan
EB_066	Exploration and enhancement of HDPE degradation by immobilized <i>Bacillus cereus</i> Balasubramanian V, Kamaraj C., Karthik Raja R., Raja M., Perumal P

EB_067	Positive effect of nitric oxide against oxidative stress response in <i>Sesbania grandiflora</i> (L.) Poir under elevated chromium in the presence of EDTA Revathi. S and Subhashree. V
EB_068	Phyto-mycoremediation approach for enhancement of Benzo[a]pyrene biodegradation in soil using different yeast consortia and sunflower plant (<i>Helianthus annuus</i>) Sanjeeb Kumar Mandal and Nilanjana Das
EB_069	Efficacy of three entomopathogenic nematode species against mosquito larvae <i>Aedes aegypti</i> (Diptera: Culicidae) D. Aiswarya, V. Devi, R. Karthik Raja, M. Raja, V. Balasubramaniam, C. Kamaraj, G. Balasubramani, P. Perumal
EB_070	Metal recovery from lithium-ion battery by magnetotactic bacteria and its consortium Sumana Sannigrahi, M.A. Jayasri, Suthindhiran K*
EB_071	Bioremoval of hexavalent Cr species using indigenous bacteria Vanka Kanth Swaroop and Jabez Osborne W
EB_072	Recycling of carbon dioxide into enhanced production of biosurfactants From Free Air CO ₂ enriched (FACE) crop field soil microbial community Neha Maheshwari, Indu Shekhar Thakurand Shaili Srivastava
EB_073	Degradation of tannery effluents using macro and micro fungi Divya, K and Vidya, R
EB_074	Biodegradation of heavy metals by biofilm forming bacteria <i>Exiguobacterium</i> sp. SK1 isolated from effluent waste water Karthikeyan Kesavan, Jayanthi, Kayalvizhi and Sudhakaran Raja
EB_075	Role of antioxidants in aiding heavy metal stress in microorganisms Sheethal Thomas Mannully, Kritika Kapruwan, Viditha P. Rao, C. Shanthi
EB_076	Mamdani fuzzy based prediction of rain fall using Fuzzy rain fall index (FRFI): An application of natural language in climate monitoring A. Selvaraj, A.S.Anakath, R.Kannadasan
EB_077	Phyto and Rhizoremediation of reactive green dye by <i>Alternanthera</i> sp. Astha Sinha and W. Jabez Osborne
EB_078	Enhanced decolorization and degradation of reactive green dye by bacterial – yeast consortium and its underlying mechanism Astha Sinha, Sohini Banerjee, Sayanti Acharjee, Shalini Sen, Priyasha Guptaand W Jabez Osborne
EB_079	Biological perspective for the bioremoval of dyes; A boom or doom Swarnkumar B, and Jabez Osborne W
EB_080	An insight on the removal of heavy metals by phytoremediation strategies Ankita Itusha and V. Mohanasrinivasan
EB_081	Biodegradation of Norethindrone using bacteria and assessment of its toxicity Vanka Kanth Swaroop and Jabez Osborne W
EB_082	Application of plants and microbes for the degradation of organophosphate pesticides (OP) Dipti Mayee Dash and Dr. W Jabez Osborne
EB_083	Impact of <i>Anabaena cylindrica</i> and <i>Spirogyra maxima</i> against Cr (VI) contaminants

	in tannery effluents S. Balaji, T. Kalaivani and C. Rajasekaran
EB_084	Application of a high throughput method for the degradation of Curacron and Quinalphos using bacterial biofilm: A bioreactor based approach Dipti Mayee Dash and Dr. W Jabez Osborne
EB_085	Biodegradation of reactive red dye using packed bed column reactor Swarnkumar B, and Jabez Osborne W
EB_086	Application of a novel dual chambered fluidized bed bioreactor for the effective removal of cadmium: A biofilm based approach Ankita Itusha and V. Mohanasrinivasan
EB_087	Laccases from distinct sources and their wide application in xenobiotic mineralisation P.Sai Preethi, Ajitha Gomathi, J.G.S Pavan kumar, Dr.K.M. Gothandam
EB_088	Environmental Pollutants Monitoring and Assessment in Vellore District, India R. Mahalakshmi, N. Ramesh
EB_089	Effective treatment of tannery effluent using immobilized tannase from <i>Lactobacillus plantarum</i> JCM 1149 and <i>Staphylococcus lugdunensis</i> MTCC 3614 Amballa Chaitanyakumar, Ramachandran Srinivasan, Karthikeyan Sivashanmugam, K. M. Gothandam and M. Anbalaga
EB_090	Bioleaching of Metals from Waste Electrical and Electronic equipment: A Review Mohan R A, Kalaichelvan G
EB_091	Elucidation of the mechanism of aflatoxin B1 degradation by <i>Pseudomonas putida</i> Jyoti Singh, Alka Mehta

Basic and Applied Molecular Biology and Bioinformatics (BAMB)

BAMB_001	Comparative genomic analysis of membrane transport systems of <i>Micrococcus luteus</i> Purvi M. Rakhashiya, Pooja P. Patel and Vrinda S. Thaker
BAMB_002	Marker assisted selection for enhancing oil quality in Groundnut Patel SV, Radhakrishnan T, Bera SK, Janila P and Varshney RK
BAMB_003	Identification of medicinally important plant species of Girnar north region through DNA barcoding Nidhi Pipaliya, Naimish Babariya, Dr. M. M Jani, Dr. Madhavi Joshi, Dr. S. N. Tyagi
BAMB_004	Identification of medicinally important plant species of Girnar south region through DNA barcoding Naimish Babariya, Nidhi Pipaliya, Dr. M. M. Jani, Dr. S. B. Baghtariya, Dr. S. N. Tyagi
BAMB_005	Molecular characterization of some marine algae using COX1 barcode gene and in silico analysis Ranjan P. Kuvad, Kiran S. Chudasama and Vrinda S. Thaker
BAMB_006	Classifying Monomer and Dimer Folding based on Structural Features using Various Classification Approaches Anbarasi M, Saleem Durai M A, Vino S and Sajitha Lulu S

BAMB_007	Isolation of <i>Virgibacillus</i> sp strain KU4 from Agriculture Soil as a Potential Bisphenol-A Degradar Kamaraj M, Rajeshwari S, Aravind. J, Karthikeyan. S
BAMB_008	Occurrence of functional monomeric phycocyanin in Geitlerinema sp. Patel H, Rastogi RP, Sonani RR, Trivedi U, Madamwar D
BAMB_009	"-Omics" analyses of hypersaline desert: A study towards functional aspects and taxonomic profiling of White Rann of Kachchh Prachi Singh, Vrutika Patel, Avinash Narayan, Kunal Jain, Datta Madamwar
BAMB_010	Adsorptive separation of fermentation inhibitors by Molecular Modeling Leena P. Devendra and Ashok Pandey
BAMB_011	Comparative evolutionary genomics of Corynebacterium with special reference to codon and amino acid usage diversities Shilpee Pal, Indrani Sarkar, Ayan Roy, Arnab Sen, Keshab C. Mondal, Pradeep K. Das Mohapatra
BAMB_012	Biochemical characterisation of a recombinant pectin methylesterase (CtPME) of family 8 carbohydrate esterase (CE8) from Clostridium thermocellum Vikky Rajulapati and Arun Goyal
BAMB_013	NADH dehydrogenase II (ndh 2) role in Exoelectron Transport K Vamshi Krishna and S Venkata Mohan
BAMB_014	Comparative Genomics Study for Biotechnology Application in Virgibacillus sp. Himani Gandhi, Vishal Mevada, Rajesh Patel
BAMB_015	Optimisation of DNA extraction protocol in chilli and tomato plant tissues Lavanya. R and Dr. Arun
BAMB_016	Functional Genome Annotation of Sesamum indicum for Identification of gene involved in fatty acid biosynthesis & metabolism using Comparative Genomics Tharakesh Sivakumar ¹ , Selvi Subramanian ^{1*}
BAMB_017	Identification of small inhibitor molecules for myostatin of zebrafish using insilico virtual screening approaches Parameswari Bharea, Jitendra Kumar Sundaray, Kiran Dashrath Rasal, Samiran Nandi, Amrendra Kumar, Pabitra Mohan Behera, Anshuman Dixit
BAMB_018	Phenotypic analysis of CRP mutant in Salmonella Typhimurium and its pleiotropic role Kirti Sawant, Shashidhar R
BAMB_019	Biofilm Genes Signatures in Bacillus altitudinis Anupama Rani, Amitava Mukherjee and Subramanian Babu
BAMB_020	Efficiency of 16S rRNA-nd1a gene as a potential marker in identification of Dytiscinae subfamily (Aquatic Coleoptera) from central India Prashant V Thakare, Geoby George, Varsha S. Zade
BAMB_021	Cluster based comparative phylogenetic analysis of Dioscorea section Combilium, Lasiophyton, Opsophyton and Enantiophyllum based on rbcL, psbA and matK sequences from Central India. Gawande PA, Nimbhorkar NV and Thakare PV
BAMB_022	Phylogenetic analysis and genetic diversity study of genus Capparis inferred from plastid DNA sequences and ISSR markers Asif S. Tamboli, Pradnya B. Yadav, Aatiya A. Gothe, Shrirang R. Yadav, Sanjay P.

	Govindwar
BAMB_023	Amino Acid Sequence Based PCR Strategy Development for Tannase Gene Identification from Different Source Microorganisms Amrita Banerjee, Milan Kumar Samanta, Saikat Chakraborty, Kuntal Ghosh, Arnab Sen, Keshab Chandra Mondal, Pradeep Kumar Das Mohapatra
BAMB_024	A method for isolation of chickpea flour DNA and detection of its adulteration using ISSR analysis Tanaya Tipnis, Ankeeta Harekar, Diana Chazookaran, Siddhivinayak Barve, Shruti Baadkar
BAMB_025	Variation in asiaticoside content and genetic diversity in <i>Centella asiatica</i> , an important medicinal herb Sakthipriya, M, Gouri, P R, Sharmila, N B, and K K Sabu
BAMB_026	Cloning and Expression of Xylanases GH10 and GH11 from <i>M. cinnamomea</i> in <i>Pichia pastoris</i> Neha Basotra, Swati Joshi, T. Satyanarayana, Pratap Kumar Patiand Bhupinder S. Chadha
BAMB_027	RAPD and ISSR markers assisted genetic diversity of <i>Mucuna</i> genotype from India M. R. Rane, R.R. Patil, S.T. Gurme, J. P. Jadhav
BAMB_028	Recombinant production and characterization of <i>Vibrio cholerae</i> L-asparaginase in <i>E. coli</i> Remya. R, Nagarajan Arumugam, Sathyanarayana N. Gummadi
BAMB_029	Metabolic characterisation of four novel strains of <i>Magnetospirillum</i> sp. isolated from aquatic sediments Jobin John Jacob, K.Suthindhiran
BAMB_030	Response surface methodology strategy for optimization of textile dye decolourization using green synthesized silver nanoparticles Srimathi Raghavan, Nivetha A, C Subathra Devi, Mohanasrinivasan V
BAMB_031	Genomic and functional analysis of coral microbiome and elucidation of novel aromatic compound degradation pathways in <i>Marinomonas fungiae</i> strain AN44 ^T Jhasketan Badhai and Subrata K Das
BAMB_032	Molecular and morphological diversity of <i>Salmonella</i> phages isolated from Mula-Mutha River, Pune Newase S. K, Alka Gupta, Shashidhar R, Kapadnis B. P
BAMB_033	Identification of differentially expressed proteins in response to pesticide in <i>Escherichia coli</i> Aswathi A , Ashok Pandey , Rajeev K Sukumaran
BAMB_034	Role of miRNA in Adaptive Response in Plants Anshika, Lata I. Shukla
BAMB_035	Expression of growth factor genes in fingerlings of Common Carp (<i>Cyprinus carpio</i> var. <i>communis</i>) with Dietary curcumin and glutamine Damodaran Arun, Sruthi M.V, Midhun S Jose, Grace R Raji, Sameer Kumar V.B, Lekha Divya
BAMB_036	Study of <i>Bacillus subtilis</i> membrane proteins in the presence of three different inductions with respect to poly- γ -glutamic acid production Deepika P. Tiwari, Poonam M. Chatterjee, Ritu Raval and Ashok Kumar Dubey

	Tata Chemicals Ltd, Pune, Maharashtra
BAMB_037	New Cell Surface Lectins with Complex Carbohydrate Specificity from Cyanobacteria Ram S. Singh, Amandeep K. Walia, Pratibha, Jasvirinder S. Khattar, Davinder P. Singh
BAMB_038	Evaluation of anti-virulence potential of Dodecanolide against Methicillin-resistant Staphylococcus aureus (MRSA) Alaguvel Valliammai, Sivasamy Sethupathy, Shunmugiah Karutha Pandian*
BAMB_039	In silico approach for the identification of potential drug-like phytochemicals of Focal Adhesion Kinase (FAK) John J. Georrgie
BAMB_040	Meta-analysis of Type 2 Diabetes Microarray Datasets using a Network-Biology based approach Aditya Saxena, Kumar Sachin, Ashok Kumar Bhatia
BAMB_041	Computational and functional analysis of microbiota in Indian currency note through metagenomic approach S. Anitha, S. Bavithra Meenakshi, R. Divya, M. Vishnu Priya, S. SheikAsraf
BAMB_042	Significance of Fungi and Cobalt ferrite Magnetic Nanoparticle in Degradation of Textile effluents B.Keerthika, R.Vidya
BAMB_043	Genomic Damage Profiling Of Polycystic Ovarian Syndrome Using Invasive And Non Invasive Biomarkers Nishu Sekar, Yogamaya D Prabhu, Abilash V.G
BAMB_044	Lead biomarker validation and aptamer selection for the treatment of poly cystic ovarian syndrome (PCOS) by in silico and non-selex method Kiruthika M, Shobana A, Swathi M, and Manibalan S
BAMB_045	Detection of ISAbal in association with a novel allelic variant of the β -lactamase ADC-82 and class D β -lactamase genes mediating carbapenem resistance among the clinical isolates of MDR Acinetobacter baumannii K. Prashanth, Rajagopalan Saranathan, Rinki Kumari, Ramakrishnan Kalaivani, Anshu Rani, Suresh Sah, Shashikala Purty
BAMB_046	Phage therapy: Formulation for cocktail preparation of lytic phages Ramesh. N, Prasanth. M, Shanthini. T, Poornima. V. B, Gothandam. K. M, Bulent Bozdogan
BAMB_047	Simple and Economical Method for Identification and Speciation of Staphylococcus epidermidis and other Coagulase negative Staphylococci and its validation by PCR Suresh Sah, Priyanka Bordoloi, Vijaya D, Satish Kumar Amarnath, Sheela Devi C, K. Prashanth
BAMB_048	Antidiabetic effect of extracts of Blumea lacera DC. in streptozotocin induced hyperglycemic rats. D. Rath, S. K. Panigrahi, D. M. Kar, L. Maharana
BAMB_049	Potential anti-coagulants from plant sources: an in-silico study Srividhya Swaminathan, K.Prithvika, Malathi Kullappan, Sudha Ramaiah, Anand Anbarasu

BAMB_050	Identification of potential lead molecules from tobacco and neem plants against Ebola virus: an In Silico Approach Kannadasan R and Arnold Emerson I
BAMB_051	Computational analysis binding mechanism of nalidixic acid in native and S83G mutant GyrA of <i>S. typhimurium</i> B. Preethi, V. Shanthi and K. Ramanathan
BAMB_052	An Efficient Cloud Security to Telemedicine Services for Health Care Organizations Rajakumar.S, Anakath.A.S,Senthilkumar.S, Kannadasan.R
BAMB_053	Computational co-expression analysis of WRKY, MYB and NAC transcription factors in rice (<i>Oryza sativa</i> L.) Jimmy John and Subramanian Babu
BAMB_054	Identification of disease target protein in prostate and pancreatic cancer using protein-protein interaction network Amala A and Arnold Emerson I
BAMB_055	An in silico docking analysis of citrus fruit phytochemicals as an inhibitor of breast cancer biomarkers M. Jayasindu, K.M. Gothandam
BAMB_056	An in silico molecular docking study on syzygium cumini fruit and seed phytochemicals exhibiting anti-diabetic activity J.Arul Daniel and S.Asha Devi
BAMB_057	Prediction of Protein Folding Kinetics States Using Optimal Fuzzy Clustering Algorithm Anbarasi M, Saleem Durai M A
BAMB_058	PCR Strategy for Rapid Identification and Surveillance of Variant <i>mecA</i> gene and Analysis of Efflux pump in <i>mecA</i> negative MRSA infections in School Children Karthikeyan Vijayan, Harshidha Madhavan, Hairul Islam V.I. and Sulochana Somasundaram
BAMB_059	Virtual Screening and Molecular docking of Compounds from Medicinal plants against NS5A of HCV Thabitha A, Vino S and Sajitha Lulu S
BAMB_060	Understanding human Transcription Factor - Lung cancer association using Random Walk Restart algorithm Thabitha A, Vino S and Sajitha Lulu S
BAMB_061	Identification and designing inhibitors for hepatocellular carcinoma by targeting Claudin-10 Shankari B, Rambabu M, Jayanthi S
BAMB_062	Single nucleotide polymorphism and molecular dynamics studies on KRAS, key target protein in Non-small cell lung cancer Nikhil P, Keerthi K, Jayanthi S
BAMB_063	Designing BRAF specific inhibitors against melanoma: An In silico approach Kamika S, Rambabu M, Jayanthi S
BAMB_064	Identification of leukemia inhibitors from macroalgae through docking and molecular dynamics studies Jayasurya S, Keerthi K and Jayanthi S
BAMB_065	Genotoxicity assessment of Adriamycin on Human leukocyte culture using

	Chromosomal aberration (CA) and Cytokinesis-blocked micronucleus (CBMN) assay Kaviyarasi renu, V.G. Abilash
BAMB_066	Cytogenetic and Molecular analysis of AZF-c region in oligospermic patients of Vellore population Shalaka S. Ramgir, V.G. Abilash
BAMB_067	Cytomolecular characterization and in-silico analysis of ovulation related genes in women with Amenorrhea Yogamaya D Prabhu, Nishu Sekar, Abilash V.G
BAMB_068	Comparative in silico analysis of phytoene synthase from halophilic and mesophilic bacteria S.Prathiba And G.Jayaraman
BAMB_069	Mamdani fuzzy based prediction of rain fall using Fuzzy rain fall index (FRFI): An application of natural language in climate monitoring A. Selvaraj,A.S.Anakath, R.Kannadasan
BAMB_070	Study of Genetic Variants of Mutant Superoxide Dismutase-1 (SOD1) and An in-silico Approach of Finding Inhibitor for ALS Therapy from a Natural Compound Database Pratibha Singh, Priti Talwar, Ravanan Palaniyandi