

Online ORAL Presentations Accepted for 62<sup>nd</sup> AMI International  
Conference (MSCTFP) - 2022

No	OP No	Name	Topic
1	OP01	Akhila D S	Phage-based biocontrol strategy to control <i>Escherichia coli</i> and <i>Salmonella</i> in poultry product
2	OP02	Keshmi Verma	PLA as a promising choice for production of alternative to single use plastic: bioplastic
3	OP03	Shreshwari Vittal	Molecular screening of virulence genes in <i>Escherichia coli</i> isolated from poultry
4	OP04	Divyashree M	Probiotic attributes of <i>Weissella confusa</i> isolated from traditional food of Dakshina Kannada
5	OP05	Tado Gyadi	Estimation of carbon/nitrogen and pH value of cooked red rice waste and pig manure in rural area of Arunachal Pradesh
6	OP06	Namita Ashish Singh	Prevalence of bacterial pathogens from goat milk and associated risk factors
7	OP07	Ranjitha K	Protocol standardization for development of fruit probiotic beverages and associated quality changes during storage
8	OP08	Prinjal Samtiya	Isolation and biochemical characterization of locally isolated <i>Lactobacilli</i> from dairy fermented foods of Haryana as potential probiotic
9	OP09	Nikita Goyat	Bacteriocin production using bacterial isolates from various sources and its application in the preservation of citrus fruits
10	OP10	Shubhi Singh	Evaluation of Antimicrobial and Antioxidative properties of novel functional prebiotic cookies
11	OP11	Shona V Idicula	In Vitro Safety Assessment of Human Gut <i>Lactobacilli</i> as Probiotic candidate for human use
12	OP12	Ritu Gill	Genomic insight of SNF-2 Chromatin remodelers in <i>Plasmodium falciparum</i>
13	OP13	Radha Jangra	Genomic collation of 5TM protein family in Human Malaria Parasite <i>P. falciparum</i>
14	OP14	Neelam Chouhan	A study of HIV viral load among ART naïve patients attending tertiary care hospital in Udaipur, Rajasthan
15	OP15	Adarsh Kumar Shukla	In-silico screening and network profiling of orally active lead compounds of pearl millet against RNA-dependent RNA polymerase (receptor of COVID-19)
16	OP16	Bhoomika	Computational screening and molecular docking studies of bacteriocins as potential inhibitors of spike protein of SARS-CoV-2
17	OP17	Iti Garg	Thrombotic profile of severely affected patients: Impact of COVID-19 infection
18	OP18	Swati Srivastava	Differential expression signature of circulating micro RNAs may serve as bio-markers predict COVID-19 severity
19	OP19	Sumayya N S	Isolation and characterisation of phycosphere bacteria associated with <i>Nannochloropsis</i> sp. and <i>Pavlova</i> sp.

20	DOP20	Pranjal Nema	Endotracheal aspirate culture: Predicting organisms causing sepsis in ventilated neonates, Is it helpful ?
21	DOP21	Patel H K	Antibiotic efficacy and molecular diversity of native plant growth promoting Rhizobium isolates on groundnut
22	DOP22	Heeksha Bagga	Fermentation technology for mass production of biofertilizers
23	DOP23	Pransree Gogoi	Isolation of endophytic bacteria from <i>Ronga bao</i> ( <i>Oryza sativa</i> L): a deep water rice variety of Assam
24	DOP24	J K Thakur	Diversity of endophytic and rhizoplane colonizing plant growth promoting bacteria of wheat crop grown on different soil types
25	DOP25	Saritha M	Development of multifaceted microbial consortium for plant growth promotion in arid Western Rajasthan
26	DOP26	Sudipta Das	Role of antiporters in salinity adaptation of <i>Exiguobacterium profundum</i> PHM11, a potential salt stress alleviating bacteria for rice
27	DOP27	Ashish Sharma	Isolation and optimization of PHB production through agriculture waste
28	DOP28	Shivi Choudhary	Evaluation of zinc solubilizing bacteria for plant growth promoting traits
29	DOP29	R B Sonawane	Isolation and characterization of plant growth promoting rhizobacteria from rhizosphere of onion ( <i>Allium cepa</i> L.)
30	DOP30	Rakumar Yaadesh	<i>Azospirillum</i> - <i>Bacillus</i> synergy influences the growth, physiological, and nutrient status of Pearl millet under moisture deficit stress
31	DOP31	Shophia Pattnaik	Damaged pearl formation: a microbial interaction
32	DOP32	Subham Kumar	Isolation and screening of potassium solubilizing bacteria from Arinjal rhizosphere for their potential use in crop improvement
33	DOP33	Patel Smruti D	Methane gas production through anaerobic digestion of cow dung and cotton hull with different ratio
34	DOP34	Rahul Kumar	Surfactant assisted biodegradation of petroleum hydrocarbon by bacterial consortia
35	DOP35	Nagaraju Kushalavalli	Documentation of medicinal plants in selected village of Nanjangud Taluk, Biligere Hamlet, Mysuru, Karnataka.
36	DOP36	Pavan R	Studies on seasonal variations of airborne fungal spores in Tumkur city
37	DOP37	Shruthi Priyadarshini	Growth medium-dependent alterations in cell wall and cell morphology of <i>Deinococcus indicus</i> DR1
38	DOP38	Srirangapatna Vinindra Sandhya	Diversity of phytoplanktons and its physico- chemical parameters of Byadarahalli Lake.
39	DOP39	Arunam Mohapatra	Functional genome mining and taxono-genomics reveal eco-physiological traits and species distinctiveness of preferentially aromatic-degrading <i>Pseudomonas bharratica</i> sp. nov
40	DOP40	Utpal Roy	Ultrastructural alterations in methicillin resistant <i>Staphylococcus aureus</i> (MRSA) Induced by a Short Cyclic Peptide Purified from <i>Bacillus subtilis</i>

41	DOP41	Heeraj Mohania	Probiotics, inflammasomes and colorectal cancer: an evidence based approach
42	DOP42	Anushi Hardaha	Microbial implication of using hearing aid in ear canal debris
43	DOP43		
44	DOP44	Ugopa Sengupta	Investigating role of endogenous Gyrase inhibitor YacG in imparting Fluoroquinolone resistance
45	DOP45	Shubha Bhadran	in vitro and in silico approaches to evaluate the pharmacological potency of various plant extracts
46	DOP46	Simashree Bora	Screening of phytochemical and antimicrobial activity against human pathogenic bacteria from <i>Coptis teeta</i> Walls.
47	DOP47	Ramya Harsha	Effect of sub-inhibitory concentrations of imipenem and colistin on the resistance status and the expression of BIOFILM genes in clinical strains of <i>Acinetobacter Baumannii</i>
48	DOP48	Teena Yadav	Isolation and screening of tyrosinase producing bacteria from industrially contaminated soil
49	DOP49	Geetha Annie George	In vitro bio-evaluation of various plant extracts and in silico screening of the potent extract against cell wall proteins of <i>Candida tropicalis</i> to comprehend its antifungal efficacy
50	DOP50	Deeksha Singh	Genomic investigation reveals pathogenicity, virulence and extensively drug resistant characteristics of an <i>Escherichia coli</i> strain IITR156
51	DOP51	Ramesh Anushree	Preliminary phytochemical analysis, antimicrobial activity and separation of pigments by thin layer chromatography (TLC) of <i>Aristolochia bracteolata</i> L. Leaf
52	DOP52	Manju	Evaluation of two phenotypic methods for detection of carbapenem-resistant non fermenting Gram-negative bacteria
53	DOP53	Malina Tamang	Prevalence and Antimicrobial Susceptibility trend of Enterobacteriaceae from urinary isolates. A cross-sectional study from the Tertiary care hospital in Sikkim, North East India.
54	DOP54	Dr Mahesh Dan	A retrospective study on prevalence and antibiogram of <i>Pseudomonas aeruginosa</i> urinary tract infection among adult patients from tertiary health care center Jhalawar
55	DOP55	Shahak Singhall	Emergence of multidrug resistance in <i>Escherichia coli</i> and <i>Salmonella</i> species isolated from suburban Odisha and Malwa region of India
56	DOP56	Ritika Asrani	Effect of Natural therapy on <i>Porphyromonas gingivalis</i> isolated from Periodontitis patients with or without Rheumatoid Arthritis and its effect on its virulent genes.
57	DOP57	M. Waquar Imam	Antimicrobial efficacy of selected monoterpenes against distinct pathogens responsible for dandruff formation
58	DOP58	Muskhan bharadwaj	Prospective study on seroprevalence of <i>Scrub Typhus</i> in Patients with acute undifferentiated fever at Tertiary care Hospital, Jaipur.
59	DOP59	Atakshi Hazra	Detection of secretory biomarkers of tuberculosis using DNA aptamer based sensing platform
60	DOP60	Bikash Kumar	Statistical optimization for enhanced cellulolytic enzymes production from <i>Schizophyllum commune</i> NAIMCC-F-03379 and

			assessing its potential in the conversion of untreated and microwave pretreated biomass to sugar and bioethanol
51	DOP61	Sailee Sanjay Asolkar	Strategies for improvement in 2,3 Butanediol production in <i>Bacillus subtilis</i>
52	DOP62	Divita Dattatraya Girawale	Microbial Biosynthesis of Vanillic acid using whole cell cytochrome p450 of <i>Onchrobactrum anthropic</i>
53	DOP63	Shruti Sinha	Development of miniaturized agar based assays in 96-well microplates applicable to high-throughput screening of industrially valuable microorganisms
54	DOP64	Kumud Ashish Singh	Evaluation of different protein hydrolysates in development of reference material
55	DOP65	Das Junmoni	Effect of Nutritional Factors and Growth Additives on Laccase Production by <i>Ganoderma resinaceum</i>
56	DOP66	Kuchika Mittal	Biotransformation of geranyl acetate and linalool using <i>Pseudomonas fluorescens</i> and <i>Candida albicans</i>
57	DOP67	Muhammad Riyaz	Selected Trans Himalayan Medicinal Plants and their Nanoparticles Express Potent Antifungal and Antibiofilm Activity Against <i>Candida glabrata</i> and <i>Candida auris</i>
58	DOP68	Geethalaxmi Ms	Green synthesized Se nanoparticles from <i>Baliospermum montanum</i> and its antimicrobial activity
59	DOP69	Shikha Solanki	Silver Nanoparticles: Expliciting its potential in promoting the growth enhancement of <i>Serendipita indica</i>
70	DOP70	Simran Rani	Optimization of Cu/CuO nanoparticles biosynthesis using <i>Pantoea agglomerans</i> CPHN2 and their antibacterial activity
71	DOP71	M Uma Kumari	<i>Symbopogon nardus</i> essential oil retards the growth of dandruff associated microbes via membrane alteration and ROS production
72	DOP72	Jasmine Arya	Comparative Genome Analysis of Streptococcus Strains to Identify Virulent Genes Causing Neonatal Meningitis
73	DOP73	Dev Kumar	In-silico studies to explore the potential of phytochemicals of <i>Portulaca oleracea</i> for effectiveness against treatment of tuberculosis
74	DOP74	Indu Bhushan	Vaginal microbiome and female reproductive health
75	DOP75	P Jayamma	Ethanol and sugar tolerance of thermotolerant yeasts isolated from fruit wastes
76	DOP76	Lavanya D K	Role of and <i>Roggraphis paniculata</i> (burm.f.) nees in infectious diseases and effective prevention of biofilm formation.
77	DOP77	Adhubala Mishra	Prevalence of high level aminoglycoside resistance in enterococcus
78	DOP78	Triya Vithalani	Colorization and degradation of Rhodamine B, axanthene dye by <i>Aspergillus fumigatus</i> P5
79	DOP79	Das Prasenjit	<i>Streptomyces</i> sp. PSAA01 isolated from soil of Eastern Himalayan foothill and produced an antibacterial compound pyrimidomycin
80	DOP80	Satarupa Dey	Characterization of alkaliphilic bacterial isolates indigenous to bauxite residue deposits
81	DOP81	Pranab Mahato	Brief review on the different aspects of the application of Bio-co-polymers

82	DOP82	RajniKumari	Green synthesis of silver nanoparticles using Curcuma amada extract and their in vitro biological activities
83	DOP83	Prithwi Chayan Chatterjee	BTX degrading microbial strains isolated from petroleum contaminated site have potential for bioremediation of refinery waste
84	DOP84	Vidya Pradeep Kumar	Limiting nitrogen concentration, a suitable media recipe for the production of ligninolytic enzymes using white rot basidiomycetes
85	DOP85	Prakash Yadav	Enhancement of therapeutic biochemical parameter of probiotic fortified pearl millet based functional food
86	DOP86	Hafza S	Year-round spatial variation in the distribution of heterotrophic population in the eastern coast of Arabian sea.
87	DOP87	Ekta Rani	Hepatitis Co-infection in the Cirrhosis Patients
88	DOP88	Arsha Tripathi	Construction of indigenous bacterial consortium for effective remediation of crude oil: role of degradative genes and enzymes
89	DOP89	Indeepa Burgula	Gold Nanoprobe Based Rapid Low Cost Diagnostics for Detecting Sepsis
90	DOP90	Lavanya S N	Chitinase mediated chitinase elicitor Acetoin induces systemic resistance in Pearl Millet against Downy Mildew disease
91	DOP91	Mamatha B S	Development and shelf-life evaluation of flavoured edible cups
92	DOP92	Manjula T	In vitro study to assess the synergistic effect of ceftazidime-aztreonam among multidrug-resistant Klebsiella pneumoniae isolates in tertiary care hospital.
93	DOP93	Kubavat. B S	Phenylhydroxybutyrate (phb) production by using molasses as waste
94	DOP94	Barge Monika Suresh	Inoculation effect of Rhizobium Leguminosa rumand phosphate solubilizing fungus on growth, yield and nutrient uptake in groundnut
95	DOP95	Meghana S Patil	Metabolic profiling of plant growth promoting microorganisms from chickpea rhizosphere and their antagonistic activity against dry root rot pathogen Rhizoctonia bataticola
96	DOP96	Anita Raisagar	Antimicrobial activity of Lactobacillus casei against Foodborne pathogen
97	DOP97	Anisha Kumari	Composition and functional profiling of oral microbiome at high altitude
98	DOP98	Bhiksha Kumari	T-cell immune response in Indian COVID-19 patients and vaccinated individuals
99	DOP99	Ice Leena Crasta	New report on diversity of fungal endophytes associated with Coleus forskohlii (Willd.) Briq
100	OP100	Shahana Kabbeer S	Purification and determination of glutaminase and urease activities of L Asparaginase from Arctic actinomycetes
101	OP101	Sourav Saha	Evaluation of the Antibacterial Activity and Probiotic Potential of Lactobacter pasteurianus NITDSS2 from “Chu”, an Indigenous Rice Beer of Meghalaya
102	OP102		
103	OP103	Simanshu Mali	Organophosphate herbicide degrading Arthrobacter sp. HM01: characterization and microcosm study

04	OP104	Mihir pattnaik	Phenotypic detection of multi drug resistance <i>Pseudomonas aeruginosa</i> isolated from various clinical samples
05	OP105	Akarsh S	Isolation of <i>Penicillium maximae</i> isolate KUMBASBT-21 from soil of Agumbe Ghat and multifarious bio-efficacy of its extracellular pigment
06	OP106	Artikeya Tiwari	Antitumor Properties of <i>Cordycepin</i>
07	OP107	Rushar Midha	Screening of Multidrug-Resistant Avian Pathogenic <i>Escherichia coli</i> from poultry farms in Kannur, Kerala, India
08	OP108	Joel Romial Nougouénam	Optimization of lactic acid production from inexpensive raw materials using <i>Lactobacillus</i> sp.
09	OP109	Amesh Lakshmi	Phytoplankton diversity and physico-chemical analysis in Beedanahalli lake
10	OP110	Chandrasekhar Sarathambal	Effect of co-inoculation of arbuscular mycorrhizal fungi and zinc-solubilizing bacteria on bacterial community structure and composition in turmeric rhizosphere
11	OP111	Soumya K	Risk assessment of biofilm forming bacteria on plastic debris from popular beaches around Cochin - Kerala
12	OP112	Neeru	Impact of nanoparticles Ni and Co on biogas production
13	OP113	Praveen Kumar Gautam	Evaluation of Colistin Broth Disk Elution Test and E Test for Colistin Susceptibility.
14	OP114	Lavanya B	Physicochemical characterization and identification of pharmaceutical compounds present in pharmaceutical industry wastewater of Telangana State
15	OP115	Debjani Mandal	Isolation and identification of heavy metal hyper-tolerant bacteria with plant growth promoting potential: A tool for plant growth promotion in heavy metal contaminated soil
16	OP116	Athira T V	Isolation, characterization and optimisation of biosurfactant production from psychrotropic bacteria from arctic environment
17	OP117	Abhiruchi Varshney	Bioinformatic Approaches to understand Salmonella Phages
18	OP118	Manishree Pandya	Fungal isolates involved in deterioration of cultural heritage monuments of Madhya Pradesh India
19	OP119	Soumya K	Risk assessment of biofilm forming bacteria on plastic debris from popular beaches around Cochin - Kerala
20	OP120	Geeta Yadav	Antifungal Effect of <i>Madhuca longifolia</i> and <i>Datura metel</i> on <i>Candida</i> Species Isolated from Clinical Samples