

LIST OF SELECTED ABSTRACTS FOR PRESENTATION

BIOLOGICAL SCIENCE

Sl. No.	Full Name	Title of Presentation	Mode of Presentation	Participation Number
1	Delgi JosephC , Beena A K, Sharon C L	"The Viability of probiotic Lactobacillus acidophilus (non encapsulated and encapsulated) in functional soft cheese"	Oral Presentation	
2	Elvin Thomas, Baaby Jo., Deeptheeshma R, Aleena Elsa Mani, Roshini Susan Elias	A Preliminary Study on the Role of Temite Gut Fungi in Organic Waste Decomposition	Oral Presentation	
3	Dr Anoop Kumar AN	A Rapid Multiplex Real-Time PCR Diagnostic Tool for Detecting Malaria Strains	Oral Presentation	
4	Dr ANOOP KUMAR. A.N.	A Rapid Multiplex Real-Time PCR Diagnostic Tool for Detecting Malaria Strains	Oral Presentation	NC00053
5	Dr.Hemand Aravind	Aeglemarmelos shell and fruit powder as a natural preservative to improve quality and shelf life of baked products	Oral Presentation	
6	Dr. Sheeba K.	AI based Graph Neural Networks for Identifying Phytochemical Inhibitors of Dengue Virus NS5	Oral Presentation	NC00698
7	Puja Laxmanrao Shinde	Amalaki Rasayana inhibits deleterious effects of Galectin-3-C-Epitope Oligomers in Cardiac Hypertrophy.	Oral Presentation	NC00702
8	Faheem Qaid Abdullrahman AL-Mojahid	An in vitro approach to explore the Phytochemical Insights and Biological Activities of the Ethanolic fruit extract of Tribulus terrestris used in the treatment of UTI	Oral Presentation	NC00676
9	Dr Deepti Madayi	An insilico approach to predict an Antimicrobial peptide from Black Pepper and its biological studies	Oral Presentation	NC00087
10	Dr.Shidhj P.R.	An Investigation into Ayurveda-Inspired Therapeutic Strategies Against Hypertension: A System-Based Approach	Oral Presentation	
11	Ramesan. CKV	Antimicrobial peptides- a promising alternative for combating antimicrobial resistance	Oral Presentation	
12	Meera SP	Assessing vitamin C-related redox balance in underutilised plants: A step towards food safety and sustainable health of Kerala	Oral Presentation	NC00234
13	Sharrel Rebello	Bacterial cellulose based wound healing scaffolds	Oral Presentation	

Sl. No.	Full Name	Title of Presentation	Mode of Presentation	Participation Number
14	Dr. Jerry Mechery	Biohydrogen Production from organic residues: A sustainable green energy approach under Rebuild Kerala Initiative	Oral Presentation	NC00062
15	Lekshmi R	Comparative Elucidation of Thermal Stress Induced Metabolic Enzyme Modulation in <i>Aedes aegypti</i> and <i>Aedes albopictus</i>	Oral Presentation	NC00229
16	Lekshmi R	Comparative Elucidation of Thermal Stress Induced Metabolic Enzyme Modulation in <i>Aedes aegypti</i> and <i>Aedes albopictus</i>	Oral Presentation	
17	Dr. Nadiya F	Comparative Transcriptome and Metabolome Profiling to Evaluate the Glycemic potential of Njavara: The medicinal rice of Kerala	Oral Presentation	NC00055
18	SANDRA. V. S.	Deciphering Distress: Translating Geochemical and Microbial Indicators into Community-Led Ecosystem Recovery	Oral Presentation	NC00303
19	Aijaz Ahmad Rather	Decoding CAR T-Induced Tumor Cell Death: A Single-Cell Dual-Sensor Framework for Mechanistic and Kinetic Resolution in Solid Tumors	Oral Presentation	NC00468
20	Dr. Salini K	Development of 3 dimensional culture of shrimp fusion cell line 'PmLyO-Sf9' [3D- PmLyO-Sf9] as a promising tool to control viral diseases in shrimp	Oral Presentation	NC00063
21	Dr. Jeswin Joseph	Development of a Low-Cost RNAi-Based Prophylactic Strategy Against White Spot Syndrome Virus in Shrimp Aquaculture	Oral Presentation	NC00304
22	Dr Sheeja U M	DEVELOPMENT OF ENTOMOPATHOGENIC MICROBIAL STRAINS AS A CONSORTIUM FOR INSECT PEST MANAGEMENT IN THE AGRICULTURAL SECTOR OF KERALA – A GREEN APPROACH	Oral Presentation	NC00071
23	Dr Lakshmi G.	Development of lateral flow assay-based diagnostic systems for rapid detection of Vibriosis in Aquaculture farms of Kerala	Oral Presentation	NC00064
24	DIVYA JOSE	Development, Validation and commercialization of coir derived cellulose nanofibrils based immobilized <i>Pseudomonas</i> for the treatment of fish processing wastewater	Oral Presentation	NC00028
25	Shibina A S	Ecosystem heterogeneity and Collembolan diversity in Peppara wildlife sanctuary	Oral Presentation	NC00689

Sl. No.	Full Name	Title of Presentation	Mode of Presentation	Participation Number
26	Arya S	Ecosystem Level variation of Collembolan Diversity in Shendurney Wildlife Sanctuary, Kerala	Oral Presentation	NC00238
27	Dr. Sudheep N. M.	Endophytic Microbiome-Assisted Biopriming as a Strategy for Improving Salinity and Drought Tolerance in Rice	Oral Presentation	NC00114
28	Beauty Rani Koch	ERK-mediated phosphorylation controls the stability of the variant poly(A) polymerase Star-PAP to regulate myocyte hypertrophy and the progression to heart failure	Oral Presentation	NC00688
29	Beauty Rani Koch	ERK-mediated phosphorylation controls the stability of the variant poly(A) polymerase Star-PAP to regulate myocyte hypertrophy and the progression to heart failure	Oral Presentation	
30	Dr T. S. Preetha	Establishment of a microcloning system for the conservation and sustainable utilization of Curcuma vamana M. Sabu & Mangaly: a Red listed endemic species in Southern Western Ghats of Kerala for subsequent exploration of novel bioactive compounds	Oral Presentation	
31	ARYA MURALEEDHARAN	EVALUATING BIOACTIVITY OF EVOLVULUS NUMMULARIUS EXTRACT AND ITS GREEN-SYNTHESIZED ZINC OXIDE NANOPARTICLES FOR ADVANCED WOUND HEALING APPLICATIONS	Oral Presentation	NC00673
32	Dhanya Krishnan	Exploring the role of TERT promoter mutation in Papillary Thyroid Carcinoma	Oral Presentation	NC00495
33	Dr.Radhakrishnan E.K.	Genomic insight into the AMR risk from a One Health perspective	Oral Presentation	
34	MALAVIKA S NAIR	GREEN MOLLUSCICIDES AND SNAIL REPELLENTS : CURRENT TRENDS AND FUTURE PROSPECTS	Oral Presentation	NC00711
35	Anoop Das K S, Fahis K T	Hidden Waters, Hidden Worlds: Community Ecology of Aquatic Insects in Tropical Tree Holes of the Western Ghats	Oral Presentation	
36	Lekshmi M K, Dr. Anil Kumar A K, Sukanya S Chandran	High Performance Thin Layer Chromatography Fingerprinting of the Fruticose Lichen Roccella montagnei Bel.	Oral Presentation	
37	Dr. Soumya S. J.	Identification of phytochemicals targeting TRP pain receptors - An in silico approach	Oral Presentation	NC00079

Sl. No.	Full Name	Title of Presentation	Mode of Presentation	Participation Number
38	Maya peringottillam, Rajesh Kalladan	Integrative Hydroponic and Field Evaluation of Salinity Tolerance in Kaipad Rice landraces and their Derived Lines	Oral Presentation	
39	Shehina M S, Siji A, Raffi S M	Investigation on Formalin Content in Fishes Obtained from Local Markets in and around Thiruvananthapuram	Oral Presentation	
40	Linju Thomas, Anusree Abhilash, Lakshminandana I, Vykhari V Purushan, Anu P Sebastian	Isolation and preliminary Characterization of Lead- Resistant Bacteria from the Eloor- Methanam Industrial Streach, Kerala	Oral Presentation	
41	Dr. Suboj Babykutty	Making Breast Cancer Treatment More Effective: Why This Research Matters to Kerala	Oral Presentation	
42	Remya Chandran	Mechanistic and Preclinical Evaluation of Medhya Rasayana formulations Targeting Alzheimer's-like Pathologies	Oral Presentation	NC00116
43	Dr. Remya Chandran	Mechanistic and Preclinical Evaluation of Medhya Rasayana formulations Targeting Alzheimer's-like Pathologies	Oral Presentation	
44	Abidha E K	Metabolite Profiling and Assessment of Phytochemical Variability of Selected Curcuma Species	Oral Presentation	
45	T E Sheeja, C P Sreena, R Dinesh, V Srinivasan, R Praveena	Metagenomic Assessment and Consortium- Based Bioremediation of Phosphorus- Toxic soils of Kerala	Oral Presentation	
46	Roshni K	Microplastic characterization in surface water and sediments of mangrove ecosystems in Kerala, India	Oral Presentation	NC00375
47	Dr Maya P	Molecular characterization of salinity tolerance mechanism in Kuthiru and Orkayama using their recombinant inbred lines (RILs) for breeding enhanced salt tolerance in rice	Oral Presentation	
48	Sreejith K, Ramesan C K V, Gangaraj Karyath Palliyath	Omiganan, a potential antimicrobial peptide against carbapenemase producing Enterobacteria: an in silico and in vitro analysis	Oral Presentation	
49	Parvathy V S	Polyethylene microplastic impairment nutritional metabolism and provoke oxidative stress in climbing perch (Anabas testudines)	Oral Presentation	NC00266

Sl. No.	Full Name	Title of Presentation	Mode of Presentation	Participation Number
50	Devika P Uday	Post- Monsoon Dynamics of Microplastics in Seawater and Beach Sediments of Selected Harbours along the Southern Kerala Coast	Oral Presentation	NC00193
51	Paulbert Thomas	Protecting Human and Wildlife Through Multi-Sensor Edge-AI: Design of the ARANYA Monitoring System	Oral Presentation	NC00452
52	Kalaivani V	Role of Maternal Plasma Lipoprotein(a) in Impaired Placental Angiogenesis During Pre-eclampsia	Oral Presentation	NC00106
53	Athira Raj, Dr. Suman K T	Standardisation and quality evaluation of gelatinised vanilla meal replacer powder to address meal skipping	Oral Presentation	
54	Dr. Sandra Maureen Francis	Structure based drug discovery approaches targeting the transcript cleavage site of Mycobacterium tuberculosis RNA polymerase	Oral Presentation	NC00036
55	Jaya Chithra S K	Study of Plankton diversity in Selected sites of Neyyar	Oral Presentation	NC00692
56	Varghese Rani, Girish Gopinath	Sustainable use of blue carbon from the mangroves in relation to climate change mitigation for the state of Kerala	Oral Presentation	
57	Abana Padma Pooja B	Systematics and Bioactivity Studies on Selected Polypores from the Campus of Government College for Women, Thiruvananthapuram.	Oral Presentation	NC00460
58	Dr. Leya Thomas	Transcriptomic Profiling of Xylan Utilization System of a Potent Bacterial Isolate during the Growth on Agro-residue under Solid State Fermentation	Oral Presentation	
59	Aiswarya U S	Translational Development of Uttronin, a Plant-Derived Anticancer Molecule from Solanum nigrum, for Affordable and Sustainable Cancer Therapy: A Rebuild Kerala Initiative	Oral Presentation	NC00024
60	Anagha Dev K V	Trend Analysis of Milk Procurement and Production in India	Oral Presentation	
61	Leya Thomas, Ravisankar Valsan, Deepu Mathew	Unravelling lignocellulosic xylan degradation by a novel strain of streptomyces sp.: an exploitation through genomic and transcriptomic perspectives	Oral Presentation	
62	Liliyan Loretta	Integrating Sustainable Nanotechnology Awareness Through High School and Higher Secondary Education	Oral Presentation	

Sl. No.	Full Name	Title of Presentation	Mode of Presentation	Participation Number
63	APARNA G KUMAR	An Amphiphilic Collagen-Based Hydrogel with Antimicrobial Activity for Enhanced Wound Repair	Poster Presentation	
64	Dr Revathy S	Birds as Ecological Sentinels: Indigenous Avian Indicators of Monsoon, Farming Cycles and Pest control in Kerala's Agro-ecosystem	Poster Presentation	NC00456
65	JACQUELINE JOE	Characterization of Exopolysaccharide from a Bacterial source	Poster Presentation	NC00674
66	Abidha Ellikkottukurussi, Fathima Nalltuthodika, Minoo Divakaran	Comparative Analysis of Polyethylene glycol Induced Osmotic Stress Responses in <i>C. longa</i> and <i>C. Aromatica</i> , in vitro	Poster Presentation	
67	Manomi S	Development of low-cost multivalent non-antibiotic IgY based oral edible vaccine (LoMNA-IOV) as biotherapeutics to combat major bacterial diseases affecting aquaculture in Kerala	Poster Presentation	NC00088
68	Unnikrishnan B	Effectiveness of nanoengineered varnish against <i>Streptococcus mutans</i> induced dental caries	Poster Presentation	NC00243
69	KARTHIKA G P	Geomorphometric and Molecular Analysis on the Evolution of Gobies (Order: Gobiiformes) from the Vembanad Kol Wetland and Associated Wetlands of Kerala.	Poster Presentation	NC00154
70	Dr. C.P.SREENA	Metagenomic assessment of phosphorus toxicity and consortium-based bioremediation of phosphorus-toxic soils of Kerala	Poster Presentation	
71	Minoo Divakaran, Fathima Rafieah N T, Abidha E K	Molecular Diversity Analysis of Selected Vanilla species	Poster Presentation	
72	Simi kurian	Phytochemical and Anti dentifrices activity of <i>Jasminum grandiflorum</i> against <i>Streptococcus mutans</i>	Poster Presentation	NC00658
73	VIGI GEORGE M	Systematics and Biogeography of Sapindaceae in Kerala	Poster Presentation	NC00330
74	Unnikrishnan B	the study is aimed to develop and characterize chitosan- silver nanoparticle (AgNPs)- fluoroide based varnishes and to assess its effectiveness against <i>Streptococcus mutans</i> using an acrylic teeth model	Poster Presentation	
75	ARDRA A P	Wound Healing Effect of <i>Synsepalum dulcificum</i> Leaf Extract- An In Vitro And In Silico Approach	Poster Presentation	NC00607

