



## ONLINE POSTERS

On the top right-hand corner of your poster, in Arial font size 40, write “ONLINE” and your assigned poster no.

Date & Time of presentation for Online posters: 12<sup>th</sup> June, 2023, bet. 2 to 4 PM  
Link will be sent to individual mails on time.

Sr. No.	Name	Title of Abstract	Affiliation	Poster No.
1	Aashna Monga	Studies on marine bacteria tolerant to hexavalent chromium: An assessment of their bioremediation potential	School of Biotechnology and Bioinformatics, D. Y. Patil University, Navi Mumbai	EVOI-2
2.	Akanksha Agrawal	Heterogeneous databases Data synchronization in different VLAN	Variable Energy Cyclotron Centre (VECC), Kolkata	TEOL-1
3.	Arsha V R (Arsha Kochuvilayil)	Caregiver Burden, Quality of life and Depression: A comparison between older and younger caregivers of primary palliative care patients in Kerala	Achutha Menon Centre for Health Science Studies, Thiruvananthapuram	HEOL-1
4.	Bharathi Prakash	Tracing the ancient microbes from century building through the metagenomic approach	Dept. of Microbiology, University College, Mangalore University, Mangalore, Karnataka	BTOL-1
5.	Bhoomika A	Development and evaluation of value-added noodles using millets, moringa leaves and raw banana flour	Dept. of Food and Nutrition, Smt. VHD Central Institute of Home Science School of Home Science, Maharani Cluster University, Bangalore	HEOL-3
6.	Chandrayee Nath	Paperless Office Automation System (OAS) and online tracking of non-automated documents	Variable Energy Cyclotron Centre (VECC), Kolkata	TEOL-2
7.	Mary David	Study of association (rs854560) of the PON1 gene with development of Type 2 Diabetes Mellitus	School of Biotechnology and Bioinformatics, D Y Patil Deemed to be University, Navi Mumbai	HEOL-5
8.	Neha Deora	Aloe vera (L.) Burm. f. extract ameliorates diabetic and obesogenic milieu in WNIN/GR-Ob rats through the restoration of $\beta$ -cell function and lipid metabolism	Centre for Bio - Separation Technology, VIT, Vellore	BIOL-4

9.	Purva Nemavarkar	Effect of Caffeine on DNA Repair Enzyme and Survival of $\gamma$ -Irradiated Cell Division Cycle (Cdc) Mutants of <i>Saccharomyces pombe</i>	Radiation Biology & Health Sciences Division, BARC, Mumbai	BIOL-1
10.	Ruchi Dube	Screening and characterization of indigenous multi heavy metal tolerant bacteria from middle Gangetic plains for plant growth promoting properties.	School of Biotechnology and Bioinformatics, D.Y. Patil Deemed to be University	EVOL-1
11.	Sanghamitra Acharya	Ultra-thin, flexible, and thermally stable CNT Sheet for High performance electromagnetic interference shielding material	Materials Group, BARC, Mumbai	PHOL-1
12.	Shaina Beg Mirza	Diagnosis of Tuberculous Meningitis by Cartridge Based Nucleic Acid Amplification Test (CBNAAT): A Retrospective study from a tertiary care hospital in Central India	National Reference Laboratory for TB, Bhopal Memorial Hosp. & Research Centre, Bhopal	HEOL-4
13.	Shweta Pattanashetti	Nutrient Contributions of Traditional Foods of Nag Panchami Festival in North Karnataka Districts	Dept. of Food Processing and Nutrition, Karnataka State Akkamahadevi Women's University, Vijayapura, Karnataka	HEOL-2
14.	Swati Srivastava	Dexamethasone activates c-Jun NH2-terminal kinase (JNK) which interacts with GR and protects it from ubiquitin-mediated degradation in NSCLC cells	Division of Cancer Biology, CSIR-CDRI, Lucknow	BIOL-2
15.	Vijay Elakya Vijayakumar	A cost-effective strategy to produce recombinant Factor VIII domains for the induction of immune tolerance	Centre for Bio-Separation Technology, VIT, Vellore	BIOL-3

Dtd 26-5-23

## Note-

**BIOL- Biology Online**

**HEOL- Health Online**

**TEOL- Technology Online**

**PHOL- Physics Online**

**EVOL- Environment Online**

**BTOL- BioTech Online**



## ONSITE POSTERS

On the top right-hand corner of your poster, in Arial font size 40, write “ONSITE” and your assigned poster no.

Date & Time of presentation for Onsite posters: 11<sup>th</sup> June, 2023, bet. 2 & 4 PM

The presenters should be present beside their posters during this time.

Sr. No	Name	Title of Abstract submitted	Affiliation	Poster No.
1	Aishwarya Sudam Bhale	Computational and molecular dynamics simulation studies of non-synonymous single nucleotide polymorphisms of Apolipoprotein-A1 reveal structural and functional alterations leading to insights on amyloidosis and cardiovascular pathogenesis	Centre for Bio-Separation Technology, VIT, Vellore	BIOS-10
2	Anjulal	Biodegradation of polyhydroxy butyrate-based bioplastic by an indigenous tropical marine Actinomycete	Department of Biotechnology Savitribai Phule Pune University, Pune	EVOS-2
3	Arunima Sakunthala	Direct Demonstration of Seed Size-dependent $\alpha$ -Synuclein Amyloid Amplification	SCAN, IIT Bombay	BIOS-13
4	B.K. Sarojini	Crystal structure, Hirshfeld, and Dual emitting property of 2-(2-Fluorophenyl)-3-hydroxy-4H-chromen-4-one a 3-hydroxy flavone derivative	Department of Industrial Chemistry Mangalore University	CHOS-1
5	Carol Braggs	Effect of colloidal silver against ciprofloxacin persisters of <i>Pseudomonas aeruginosa</i> PAO1	SIES college of Arts, Science & Commerce Sion (W), Mumbai	HEOS-1
6	Debalina Datta	Nucleo-cytoplasmic environment dictates formation and fate of p53 condensates	Department of Biosciences and Bioengineering, IIT Bombay	BIOS-5
7	Deeplaxmi S. Kulkarni	Diversity and Ecology of Ant (Hymenoptera-Formicidae) in Vegetable Fields Near Amravati, (M.S.), India	Department of Zoology Bharatiya Mahavidyalaya, Amravati	EVOS-11
8	Devika Ghadigaonkar	HT-NGS Metagenomics for analysis of Antibiotic Resistant bacteria in a Water body from Mumbai, India	Antimicrobial Research (AMR) Lab, Department of Biotechnology, University of Mumbai	EVOS-7

9	Divya T V	Identification of amino acid residues important for the function of Metallothionein regulator, AzuR in <i>Anabaena</i> sp. PCC 7120	HBNI, Anushaktinagar; Mol. Bio. Divn., BARC	BIOS-12
10	Fazil Thasni	Impact of TUBB4B tubulin isotype Mutations on Microtubule dynamics.	Transdisciplinary Biology, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	BIOS-11
11	Gaganjyot Kaur	Optimization of process parameter for maximum production of Tannase enzyme of <i>Klebsiella variicola</i> Accession No. KY474513 using Response Surface Methodology	GNIRD, Guru Nanak Khalsa College of Arts, Science & Commerce, Mumbai	BTOS-1
12	Garima Joshi	Non-destructive Optical Analysis for Size Determination of Small Objects	Centre for Lasers and Photonics, IIT Kanpur	PHOS-2
13	Garima Kaushik	Safety and sustainability issues of BPA from Food Grade Plastics	Dept. of Environmental Science, School of Earth Sciences, Central University of Rajasthan	EVOS-1
14	Gauri Bhonde	Analysis of short-chain fatty acids in meconium samples of healthy Newborns	Department of Molecular Immunology and Microbiology, (ICMR-NIRRCH), Mumbai	HEOS-7
15	Harshali Shinde	Evaluation of Co-resistance in Multiple Antibiotic Resistant <i>Escherichia coli</i> isolates from different retail food	Antimicrobial Research (AMR) Lab, Department of Biotechnology, University of Mumbai	BIOS-6
16	Harshita K. R.	Molecular Docking of 4-ethoxychalcones on oxidoreductase/pirin inhibitors and cytotoxic evaluation on breast/skin cancer cell lines	Dept of Chemistry, Vivekananda College of Arts Science & Commerce Puttur, Karnataka	CHOS-3
17	Hemalatha Jain	Traditional art forms and their impact on livelihood, environment and Culture	Riwatch, Arunachal Pradesh	EVOS-12
18	Jana Narwade	Solid-state fermentation of simultaneous and sequential inoculation-based <i>Trichoderma viride</i> and <i>Bacillus subtilis</i> co-cultures on corn cobs	Institute of Chemical Technology- Mumbai, Jalna	TEOS-1
19	Kavita Pandey	Strategic modulation of gut microbiota using functional foods	Guru Nanak Khalsa College, Mumbai	HEOS-8
20	Komal Patel	Design and development of functional amyloid-based hydrogels as a versatile drug-delivering depot	Department of Biosciences & Bioengineering, IIT Bombay	TEOS-3
21	Likhitha U.	Breaking Boundaries: The Growing Importance of Multicomponent Solid Forms in Drug Development	Dept. of Chemistry, CPGSR, St Agnes College, Mangalore	CHOS-2
22	Maitri Mishra	Antibacterial & Anti-biofilm Activity of Green Synthesized Silver Nanoparticles against Vancomycin-Resistant <i>Staphylococcus aureus</i> (VRSA)	AMR Lab, Department of Biotechnology, University of Mumbai	HEOS-3
23	Niranjana Chavan	Coastal Plant Resources along west coast of Maharashtra	Department of Botany, Shivaji University, Kolhapur	EVOS-8

24	Padival Shruptha	Cervical microbiome homeostasis and dysbiosis associated with cancer Progression	Department of Cell & Molecular Biology, Manipal School of Life Sciences, Manipal	BIOS-3
25	Praphulla Rao	Biosynthesis of ginger microparticles and their antimicrobial activity	Dept of Biotechnology, B M S College of Engineering, Bangalore	EVOS-9
26	Priyamvada Nath	Investigation of potential crude oil degraders Isolated from dockyard seawater and petroleum Refinery sludge	Dept of Biotechnology, SIES College of Arts, Science and Commerce, Mumbai	EVOS-6
27	Priyanka Adhikary	MALAT1: A clinically significant circulatory cell-free long noncoding RNA as an independent biomarker for better prognostication compared to the conventional histopathological markers in patients with oral squamous cell carcinoma	Netaji Subhas Chandra Bose Cancer Research Institute, Kolkata	BIOS-1
28	Rajeswari Narayanappa	Effect of Bacosides from Bacopa monnieri on Notch signaling pathway in breast cancer and glioma cell lines	Dept of Biotechnology, Dayananda Sagar College of Engineering, Bangalore	HEOS-6
29	Ruma Dey Ghosh	Evaluation of potential candidate of circulating miRNAs from plasma to be a molecular biomarker for early prediction of disease recurrence in oral squamous cell carcinoma	Netaji Subhas Chandra Bose Cancer Research Institute, Kolkata	BIOS-2
30	Saisha Vinjamuri	Lavender - a promising cure for Type 3 Diabetes (T3D)	Dept of Biotechnology, B.M.S. college of Engineering, Bangalore	HEOS-4
31	Sakshi Powar	Effect of UV mutagenesis on phenol biodegradation	Microbiology Dept. Jai Hind College, Mumbai	BIOS-7
32	Saurabhi S. Ghag	Studies in shelf-life extension of fresh cashew apples and value addition by wine production	Institute of Chemical Technology-Mumbai, Jalna	TEOS-2
33	Savithri Bhat	Purification of Withaferin A from Withania somnifera and effect of its extract on Proliferation in HeLa cell lines	R & D Centre, Dept of Biotechnology, BMS College of Engineering, Bangalore	HEOS-5
34	Sayali Haldule	Assessment of nutritional and immunostimulatory properties of marine yeasts as potential feed for aquaculture	Dept of Biotechnology Savitribai Phule Pune University, Pune	BTOS-2
35	Shalaka A. Masurkar	Liquid-liquid phase separation of p53: its functional analysis and implication in cancer pathogenesis	Dept of Biosciences and Bioengineering, IIT Bombay	BIOS-4
36	Sharanya C. S.	E- pharmacophore-based drug repurposing against SARS-CoV-2 and insight into interaction with TMPRSS2	Transdisciplinary Biology, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	BIOS-9
37	Shivani Bhairamkar	Studies on heavy metal interactions in a halotolerant marine Actinomycete	Dept of Biotechnology Savitribai Phule Pune University, Pune	EVOS-4
38	Shruti Parmar	Potential of waste mangrove apples as a raw material for production of bioethanol	Dept of Biotechnology, SIES College of Arts, Science and Commerce, Sion (W)	BTOS-3

39	Sinal Tuscano	Isolation and identification of phosphate Solubilizing bacteria	Department Life Science, Ramnarain Ruia Autonomous College	EVOS-5
40	Suneetha Hariharan	The secretory protein Imelysin (LIC_10713) is a promising diagnostic marker for leptospirosis	ICMR-RMRC, Port Blair Andaman & Nicobar Islands	HEOS-2
41	Supriya Kanth	Nanostructured PdO thin films by self-assembly method for NO <sub>2</sub> gas detection at room temperature	HBNI, Anushaktinagar; Chemistry Division, BARC, Mumbai	EVOS-10
42	Urwashi Kumar	Repurposing Anti-hypertensive drugs to examine their therapeutic efficacy in Cancer	School of Biotechnology and Bioinformatics, D Y Patil University, Navi Mumbai	BIOS-8

Dtd 26-5-23

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