Poster No.	Regn No.	Presenter name	Abstract title	Day of poster session
P-001	20260357	Dr. Rakesh Kumar Majhi	Harnessing the therapeutic potential of ion channels and GPCRs in cancer immunotherapy	Day 1
P-002	20260342	Ms. Nahid Sultana	Identification of E2F5-Associated sEV Signatures for Enhanced Graphene–MXene FET Biosensing toward Early and Minimally Invasive Detection of Prostate Cancer	Day 1
P-003	20260332	Mr. Devbrat Singh	Genome-Wide Methylome Comparison of Gallbladder Tumor Tissue and cfDNA: Revealing Conserved Epigenetic Signatures	Day 1
P-004	20260300	Ms. Astha Soni	Understanding the oncogenic role of CD36 in stromal cell protected Mantle Cell Lymphoma	Day 1
P-005	20260220	Dr. Rohit Siddhartha	Role of Guanylate Cyclase C Signalling in Basal Pancreatic Homeostasis and Cerulein Induced Acute Pancreatitis in Mice	Day 1
P-006	20260219	Ms. Ananya Yadav	B3GNT5 as a Therapeutic Vulnerability in Triple-Negative Breast Cancer	Day 1
P-007	20260139	Mr. Soumyabroto Karmakar	Role of Tumour Suppressor WT1 and its interacting protein RNA helicase DDX5 in regulating miRNA expression in kidney mesenchyme.	Day 1
P-008	20260137	Ms. Pragati Karemore	Role of TGF-β-Induced miR-21-5p in Promoting Oral Squamous Cell Carcinoma Through Suppression of KLF5 and SPRY1	Day 1
P-009	20260115	Dr. Shalini Roy	Vitamin D: A dietary component to a marvel player regulating cell death in cancer	Day 1
P-010	20260116	Dr. Chandreyee Datta	Role of SRT-1720 (a SIRT1 activator) and naturally occurring AMPK activators in reducing cancer cell aggressiveness	Day 1
P-011	20260094	Ms. Chayanika Banerjee	Role of p38MAPK on iron sequestration components in glioblastoma cells	Day 1
P-012	20260093	Mrs. Lopamudra Mishra	Hesperetin and ZnO-NP loaded CMC-GG bio-polymeric nanocomposite for anticancer, antioxidant, anti-inflammatory properties and its biocompatibility studies in Drosophila melanogaster	Day 1
P-013	20260090	Ms. Arunima Acharya	Single-cell transcriptomic profiling defines malignant cell plasticity and novel immune polarization in OSMF-Associated Oral Cancer	Day 1

P-014	20260082	Ms. Anwesha Manasingh	The goldilocks relationship of nutrient and Wnt signalling pathway	Day 1
P-015	20260063	Mr. Ashish Kumar Khamari	Shikonin-mediated anticancer activity: Targeting mitochondrial dysfunction, DNA damage and EMT to suppress oral cancer	Day 1
P-016	20260055	Mr. Sachidananda Behera	Piperlongumine Targets BIRC5 to Suppress Oral Squamous Cell Carcinoma: An Integrated Computational and Experimental Study	Day 1
P-017	20260041	Ms. Arya S Kumar	Dietary Sirtuin Modulators as a Promising Natural Anti-Cancer Agent Against Gastric Cancer Through SIRT1 Activation	Day 1
P-018	20260033	Mr. Sourav Paulsridev	To Assess the Effectiveness of Some Chemopreventive Agents in Various Cancer Cells	Day 1
P-019	20260032	Ms. Sandhya Ragula	Chromatin remodeller MORC2 as a Novel Regulator of Ribosome Biogenesis in Breast Cancer Progression	Day 1
P-020	20260030	Ms. Arpita Mukherjee	Elucidating the role and deciphering the molecular mechanism associated with fatty acid-mediated cancer progression	Day 1
P-021	20260003	Ms. Aneri Joshi	Evaluation of Chenodeoxycholic acid (CDCA)-Butyrate(NaBu) nanoformulation for anti-inflammatory and hepatoprotective effects in various liver cancer models.	Day 1
P-022	20260408	Ms. Manisha Sansiya	Integrative bioinformatic and experimental analysis of POLQ expression, methylation and survival in head and neck squamous cell carcinoma	Day 1
P-023	20260135	Bhagyashree Pradhan	Unveiling the Therapeutic Potential of Bioactive Phytocompounds from Ficus bengalensis bark in the Epigenetic Regulation of OSCC	Day 1
P-024	20260325	Mr. Yogesh Sarbariya	ANN model based Multi-Stage Virtual Screening Strategy for the Identification of Novel Poly(ADP-Ribose) Polymerase 14 (PARP14) Inhibitors	Day 3
P-025	20260324	Mr. Pavan Singh	Exploring Structure-guided Approach for Targeting MtbClpP1P2 Protease Machinery in Mycobacteria	Day 3
P-026	20260305	Ms. Archana	Identification of JEV capsid-interacting domain(s) with host protein(s): Novel target for developing anti-JEV therapeutics	Day 1
P-027	20260276	Ms. Sakshi Gunamani Deheri	Structure-Based Computational Screening of Phenazine and Fluorescein Derivatives Against KatG: An Integrated Multi-Parameter Approach)	Day 3

P-028	20260132	Ms. Soorya.K.P	Loop dynamics and disordered-core interactions tune the stability of IscU: Studies on apolar mutants of the conserved -SSS- region	Day 1
P-029	20260126	Mr. Manish Kumar	Integrated Functional and Structural Investigation of OR51X1: A Non-Canonical GPCR Implicated in Cardiovascular Disease	Day 1
P-030	20260122	Mr. Mandeep	Elucidating the role of amyloid prone regions (APRs) on the structure and function of pyroptotic executioner Gasdermin-D	Day 1
P-031	20260250	Ms. Shrija Ghosh	Characterization of Human Tyrosinase-catalyzed Eumelanin Nanostructures	Day 1
P-032	20260026	Dr. Kiran Lata	Epitope Mapping of a Pan-Flavivirus Neutralizing Antibody by Cryo-Electron Microscopy	Day 1
P-033	20260021	Ms. Surabhi Chandra	Structural Insights into Prokaryotic Translation Initiation	Day 1
P-034	20260393	Mrs. Pooja Singh	Decoding Molecular Architectures: The Strategic Role of SAIF, CSIR-CDRI Decoding Molecular Architectures: The Strategic Role of SAIF, CSIR-CDRI in Accelerating Chemical and Pharmaceutical Innovations	Day 1
P-035	20260375	Mr. Abhimanyu Kumar	Novel Cleavage Assay for Inhibitor Screening and Cleavage Motif Identification of PRSS55, a Slow-Kinetics Serine Protease	Day 1
P-036	20260404	Mr. Kunwar Satyadeep Srivastav	Diet Reversal in Western Diet Fed ApoE-/- Mice Restores Hepatic PUFA and Plasmalogens to Promote Atherosclerosis Regression	Day 1
P-037	20260392	Ms. Nikita Gupta	Cloning ,Expression, and Purification of Pilus Adhesion LrpC fragments from and Lactobacillus ruminis for interaction studies with with ECM components.	Day 1
P-038	20260354	Ms. Soumya	Hyperglycaemia-Mediated Impairment of Diabetic Wound Healing in Oral Epithelial Cells	Day 1
P-039	20260333	Ms. Chandani	Mechanistic dissection of conformational dynamics of E. coli Pyruvate Dehydrogenase Regulator (PdhR) protein with implications in pyruvate sensor design	Day 1
P-040	20260298	Mr. Surajit Das	Uncoupling of OXPHOS and alteration of mitochondrial dynamics by a VDAC1 inhibitor, DIDS	Day 1
P-041	20260282	Mr. Vaibhav	Integrated Functional and Structural Investigation of KCNX: A Non-Canonical Potassium Channel with Emerging Cardiovascular Relevance	Day 1

P-042	20260161	Ms. Rashi Jain	Obesity Differentially Remodels Circadian Mitochondrial Lipid Rhythms in Liver and Brown Adipose Tissue	Day 1
P-043	20260154	Ms. Manisha Rathore	Therapeutic Repurposing of GRA for Chronic Kidney Disease: Protection against Renal Fibrosis and Mitochondrial Dysfunction	Day 1
P-044	20260138	Mr. Akhilesh Puranik	Deciphering the Role of YTH Domain-Containing m6A Readers in Podocyte Biology and Stress-Response Mechanisms in Diabetic Kidney Disease	Day 1
P-045	20260130	Ms. Preety Kaushik	Investigating anti-fibrotic interventions as therapeutics approach for the management of Chronic Kidney Diseases	Day 1
P-046	20260128	Ms. Simran Samanta	Protective Effects of Zinc Oxide Nanoparticles Against Alcohol-Induced Gut Barrier Dysfunction	Day 1
P-047	20260108	Mr. Debankur Pal	OSR1 regulates cardiac-fibroblast to myofibroblast transition during pathological cardiac hypertrophy	Day 1
P-048	20260104	Ms. Pratikshya Beura	SPATIO-TEMPORAL REGULATION OF ACETATE METABOLISM UNDER NUTRIENT STRESS	Day 1
P-049	20260083	Mrs. Kalpanarani Dash	Baicalein Protects Against DNA Damage Induced Ferroptosis in Diabetic Drosophila melanogaster by Restoring Malvolio–Ferritin–Mediated Iron Homeostasis	Day 1
P-050	20260075	Ms. Tooba Qamar	Unveiling the anti-fibrotic potential of Genistein in Takayasu Arteritis: An In Vitro study combining network pharmacology and molecular docking studies	Day 1
P-051	20260072	Mr. Lokanath Mishra	Dietary Advanced Lipoxidation End Products (ALEs) shorten lifespan and induce Sarcopenic obesity in Drosophila melanogaster.	Day 1
P-052	20260046	Ms. Adithya Anil Kallattu	Mapping protein interactors of cholesteryl esters in mammalian cells via metabolic labelling	Day 1
P-053	20260045	Mr. Aakash Chandramouli	Mapping Metabolic Pathways of Cholesteryl Esters during Oxidative Stress	Day 1
P-054	20260087	Ms. Manali Patel	Combination of Sodium Acetate and Butyrate Ameliorates Alcohol-Induced Liver Fibrosis in an in vivo Model	Day 1
P-055	20260401	Ms. Eshika Mohapatra	Strengthening innate immunity of uroepithelial cells via regulation of mitochondrial-lysosomal dynamics and antimicrobial peptides	Day 1

P-056	20260398	Mr. Somsubhra Goswami	TRPV2 is a key regulator of effector functions and cytoskeleton remodelling of Neutrophils	Day 1
P-057	20260365	Mr. Rakesh Chaudhary	Rational design of Epitope focused vaccine candidate targeting Humoral and Cellular immune response	Day 1
P-058	20260364	Dr. Ankit Gupta	A Modular Protein-Scaffold Platform for Multivalent MPXV Vaccination and Protective Immunity	Day 1
P-059	20260353	Ms. Rituparna Chatterjee	Mycobacterial PPE2 Inhibits Major Histocompatibility Complex Class I Antigen Presentation in Antigen Presenting Cells to Evade CD8+ T-Cell Responses	Day 1
P-060	20260248	Dr. Shashi Prakash Yadav	Hyperactivation of receptor guanylyl cyclase C (GC-C) remodels the intestinal intraepithelial lymphocyte compartment	Day 1
P-061	20260247	Ms. Prayrna Atter	Understanding of metabolic adaptation and ROS production under glucose restriction in immature neutrophils	Day 1
P-062	20260240	Ms. Minal Dilip Satpute	Using transgenic Plasmodium berghei sporozoites to assess the protective efficacy of Plasmodium falciparum SIMP and RON6 antigens	Day 1
P-063	20260179	Ms. Mayumi Mandal	*Leishmania donovani* suppresses NLRP3 expression by exploiting IL-33/ST2 signaling and drives SOCS1-mediated p65 degradation	Day 1
P-064	20260004	Ms. Sakshi Raval	MOF-Based Multifunctional Nanoplatform for Sequential Immunomodulation and Cartilage Regeneration in Rheumatoid Arthritis	Day 1
P-065	20260109	Mr. Md Arsadullah Ansari	Trophoblast-Driven Transcriptional Reprogramming of Vascular Smooth Muscle Cells Promotes a Proliferative and Pro-Survival Phenotype during Spiral Artery Remodelling	Day 1
P-066	20260023	Ms. Ayushee Mishra	Neutrophil elastase inhibitor from Phaseolus coccineus with possible role in ulcerative colitis	Day 1
P-067	20260110	Ms. Kabita Sarkar	The mitochondrial calcium uniporter modulates mitochondrial dynamics in fibroblast-like synoviocytes, promoting invasive behaviour Leading to rheumatoid arthritis development.	Day 1
P-068	20260241	Ms. Arti Kumari	Treatment of Premature Ovarian Insufficiency Through BM-MSCs Regulate Downstream Hormonal Profiles	Day 1
P-069	20260236	Mr. Provanka Debnath	From inflammation to fibrosis: Deciphering the role of NOD2 in skeletal muscle remodeling	Day 1

P-070	20260164	Ms. Anushka Talukdar	Evaluation of an osteoanabolic dual AdipoR1 and AdipoR2 agonist in Skeletal Muscle Atrophy	Day 1
P-071	20260092	Ms. Safia Baig	Understanding the structural-functional diversity of sperm-specific Malate Dehydrogenase1B and its role in male fertility	Day 1
P-072	20260081	Ms. Ritika Sarkar	The Epigenetic Role of PRMTs in Osteoclast Differentiation and Bone Resorption	Day 1
P-073	20260067	Mr. Divyank Varshney	Multi-Omic Investigation Reveals EGLN3 as a Candidate Regulator of Placental Dysfunction in Spontaneous Preterm Birth	Day 1
P-074	20260050	Ms. Raje Shrutika Pravin	Identification of Lysophosphatidyl-Serine Lipases in Mammalian Spleen, Lungs and Heart	Day 1
P-075	20260028	Mr. Ateeb Shafi Rather	Understanding the mechanism of substrate processing in SPATA5, a AAA+ chaperone	Day 1
P-076	20260039	Mr. Neeraj Kumar Yadav	Functional Characterization of ABHD16A: A Phosphatidylserine Lipase Associated with Hereditary Spastic Paraplegia	Day 1
P-077	20260076	Mr. Soumyadeep Mukherjee	Gut microbiota sets the tempo of postnatal T-cell development through progenitor-intrinsic Interleukin-1-responsiveness	Day 2
P-078	20260074	Mr. Dhrubajyoti Bairagya	Short-chain fatty acid production by gut microbiota is a determinant of host T cell development	Day 2
P-079	20260222	Mr. Prateek Bhardwaj	Metabolic rewiring exacerbates *Acinetobacter baumannii* infection in obesity	Day 2
P-080	20260157	Mr. Kamal Lochan Sarma	Proteome-Wide Identification and Biophysical Characterization of Novel Secretory Effectors of Orientia tsutsugamushi in Scrub Typhus	Day 2
P-081	20260119	Ms. Geetika	Unravelling the mechanistic roles of Cholesterol-Binding Motifs in Host Membrane Interactions of Listeriolysin O, a virulence factor of *Listeria monocytogenes*	Day 2
P-082	20260117	Ms. Kasturi Sarkar	Elucidating the functional implications of the pore-forming motif of Staphylococcus aureus α-Hemolysin	Day 2
P-083	20260048	Mr. Daityari Nayak	DIP2-dependent diacylglycerol regulation governs virulence in pathogenic fungi	Day 2
P-084	20260097	Ms. Nibras	Understanding the molecular basis of CDC48.3 and AIR2 interaction	Day 2
P-085	20260349	Ms. Divya Dinesh	Characterizing the interaction specificity of Histone-fold domain containing heterodimers in Candida albicans	Day 2

P-086	20260149	Ms. Sushmita Chauhan	Understanding the Role of TORC1 and Bxi1 in Cellular Homeostasis and Apoptosis in Fission Yeast (*S. pombe*)	Day 2
P-087	20260380	Ms. Payel Acharjee	LdZIP3 regulates the Autophagy-to-Apoptosis Switch in *Leishmania donovani* Under Zinc induced Stress	Day 2
P-088	20260343	Ms. Anshu Singh	Ubc12-mediated neddylation is essential for ookinete maturation and malaria parasite transmission	Day 2
P-089	20260287	Mr. Rohit Kumar	Drug-Resistant *Leishmania donovani* Evades Host Ubiquitin-Mediated Cell-Autonomous Immunity through Upregulation of Parasite Deubiquitinating Enzymes (Ld-DUBs)	Day 2
P-090	20260327	Ms. Neha Mithilesh	Diagnostic potential of Leishmanial SPV-22 protein for the detection of VL, PKDL, and VL-HIV co-infection patients	Day 2
P-091	20260326	Mr. Rupa Hansda	Exploring the Role of Vector Salivary Proteins (VSPs) in Host Immunomodulation and Protection against Experimental Lymphatic Filariasis	Day 2
P-092	20260320	Ms. Indrani Chakraborty	Plasmodium DERA supports stress adaptation during blood-stage growth despite life-cycle dispensability	Day 2
P-093	20260244	Mr. Vimal Kumar	Role of SPV55 protein as potential diagnostic biomarker for the detection of VL, PKDL, and VL co-infection patients	Day 2
P-094	20260243	Mr. Abhishek Kumar Rai	Secretary Leishmanial protein as a novel biomarker for detecting VL, PKDL, and co-infected cases	Day 2
P-095	20260233	Mr. Shashi Kumar Maurya	Investigating the Role of Bm-CALU1 in Maintaining Cuticular Integrity of *Brugia malayi*	Day 2
P-096	20260187	Ms. Km Poonam Devi	Unravelling the Role of LdHSK in Oxidative Stress Regulation and Parasite Survival in *Leishmania donovani*	Day 2
P-097	20260180	Ms. Tapasi Das	Metabolic reprogramming as a driver of immune modulation and parasite survival during *Leishmania donovani* infection	Day 2
P-098	20260178	Ms. Moumita Halder	*Leishmania donovani* exploits host PKA and A-kinase–anchoring protein (AKAP) interactions to modulate ROS and Apoptosis for disease propagation	Day 2
P-099	20260105	Ms. Surbhi Jaiswal	Elucidating the Functional Interaction Between PfGCN5 and PfCDPK1	Day 2
P-100	20260102	Ms. Jagriti Agarwal	*Leishmania donovani* Dipeptidylcarboxypeptidase (LdDCP) A crucial Zn++ metalloprotease for parasite survival, proliferation and infectivity	Day 2

P-101	20260101	Mr. Jadhav Prasad Ramchandra	Functional Characterization of PfNbp35 and PfHCF101 in the Cytosolic IronSulfur Assembly Pathway of Plasmodium falciparum	Day 2
P-102	20260098	Mr. Nilanjan Pradhan	Excluded by Design: Role of Vesicular Trafficking in the Development of Amphotericin B Unresponsiveness in Leishmania-Infected Hosts	Day 2
P-103	20260089	Ms. Suamreiliu Kamei	Structural characterization of *L. donovani* peroxins involved in PTS1dependent protein translocation	Day 2
P-104	20260080	Ms. Aastha Upadhyay	Understanding the differences in the conformational dynamics of Plasmodial and Human HSP70-HSP110	Day 2
P-105	20260225	Ms. Simran	Correlation of Human Hormones with Malaria Progression: A Role for Insulin in Plasmodium falciparum Growth	Day 2
P-106	20260009	Ms. SRIPARNA BAWALI	Evolutionary Insights into Leishmania Cyclase-Associated Proteins Reveal Conserved Regulators of cAMP Signaling and Candidate Antileishmanial Targets	Day 2
P-107	20260359	Mr. Madhurjya Protim Borah	Sparsely Phosphorylable Residues, Tuned by Agonist Chemotype, Shapes GPCR Signaling.	Day 2
P-108	20260304	Mr. Sarfraz Ahmed	RAMP-ing Up: Decoding Functional Diversity within RAMP-GPCR Complexes	Day 2
P-109	20260288	Ms. Aswathy Krishna U	Deciphering the Structural Determinants of Ca2+-Induced Folding in Calumenin	Day 2
P-110	20260096	Mr. Abhijeet Behera	Functional interaction surfaces of the bacterial transcription terminator Rho are required for the interactions with the elongation factor NusG.	Day 2
P-111	20260038	Ms. Anwesha Bhattacharjya	Understanding the role of primary cilia and its tubulin posttranslational modifications in regulating skin tissue repair	Day 2
P-112	20260037	Ms. Sucheta Dey	Investigating the role of tubulin glutamylation in mammalian primary cilia	Day 2
P-113	20260036	Ms. Sanjana Mullick	Microtubule glycylation fine tunes motor and MAP function, ciliary stability and IFT	Day 2
P-114	20260058	Mr. Rahul Kumar	Species-specific difference in venom composition of Trimeresurus erythrurus and T. popeiorum that result in difference in severity of toxicity in snake envenomation	Day 2
P-115	20260163	Ms. Shristi Chaturvedi	Identification of Atg1/ULK1 as a novel RNA Polymerase II associated kinase and understanding its role in regulating autophagy mediated gene expression	Day 2

P-116	20260162	Ms. Supriya Ahuja	The identification of atypical RNA polymerase II CTD phosphatases and their role in mRNA transcription	Day 2
P-117	20260328	Dr. Mohd. Aslam	Unravelling the novel interplay of ubiquitination in the regulation of gene expression	Day 2
P-118	20260351	Ms. Riya Shukla	Molecular characteristics of modular-UVR8 photoreceptors from green algae suggests their novel optobiotehnological applications	Day 2
P-119	20260249	Mr. Dharmesh Kumar Mohanty	Role of light signaling genes in regulating root responses to elevated temperature	Day 2
P-120	20260186	Ms. Pooja Jena	Deciphering Root Adaptation Under Combined Stress	Day 2
P-121	20260350	Mr. Pathikrit Bandopadhyay	Neuroprotective Action of Nanonized Quercetin against Parkinson's Disease	Day 2
P-122	20260339	Ms. Jayshree Singh	Two mechanistically distinct modes for body wide UV sensing in headless planarians at the interface of extraocular photoreception and nociception.	Day 2
P-123	20260321	Mr. Basavaraju K C	Nobiletin and Tangeretin ameliorate tau acetylation-induced autophagy and mitochondrial dysfunction through the SIRT1 pathway.	Day 2
P-124	20260175	Dr. Prabhakar Tiwari	Peripheral Oxidative DNA Damage, Cell-Death Profiles and Autophagy in Drug-Resistant Temporal Lobe Epilepsy: An Exploratory Cross-Sectional Study	Day 1
P-125	20260147	Ms. Nandika Bhattacharya	Mechanism of gating in GABA transporter 1 (GAT1) at the neural synapse	Day 2
P-126	20260057	Ms. Rosy Mahato	Neuroprotective and neuritogenic effects of Albizia julibrissin Durazz. against paraquat-induced neurotoxicity in PC-12 Cells and Caenorhabditis elegans	Day 2
P-127	20260056	Ms. Bhagya Lakhmi Rajbongshi	Neuroprotective potential of Marsilea minuta L. against herbicide-induced oxidative stress and sleep-regulatory associated pathways	Day 2
P-128	20260069	Ms. Savita	Investigating the molecular role of AIMP2 in Drosophila central nervous system development	Day 2
P-129	20260125	Ms. Anju Krishnan	Structural determinants of calcium potentiation in α7 nicotinic acetylcholine receptors	Day 2
P-130	20260388	Ms. Sneha Singh	Biochemical, Biophysical and Structural Characterization of NDM-1 from *K. pneumoniae*	Day 2

P-131	20260384	Mr. Nikhil Saripalli	Understanding the role of Fibril and MreBs of Spiroplasma citri in shape determination and motility	Day 2
P-132	20260381	Mr. Sivang Goswami	Characterisation of a minimal machinery for bacterial cell division	Day 2
P-133	20260275	Mr. Sachin Mishra	Structural and Functional Insights into the DNA-Binding Function of the Single-stranded DNA-binding Protein from Pseudomonas aeruginosa	Day 2
P-134	20260266	Ms. Kousamvita Das	Surface-exposed bacterial Lipoproteins: Supramolecular Structural assembly and multipronged activity	Day 2
P-135	20260221	Mr. Eluri Jawahar Raj	Effect of amino acids on temperature-dependent phase separation of a globular protein	Day 2
P-136	20260215	Ms. Vandana	Domain-Specific Determinants of G-Quadruplex Recognition and Protein Self-Assembly in Nucleolin	Day 2
P-137	20260200	Mr. Yashwanth Naik	Biochemical Investigation of PumG, a Key Pyridoxal 5'-Phosphate (PLP)-Dependent Aminotransferase Involved in Pseudouridimycin Biosynthesis	Day 2
P-138	20260176	Ms. Achala Anjali	Biochemical characterization of biosynthetic pathway of Arginomycin	Day 2
P-139	20260168	Ms. Vijeta Singh	Structural basis of inhibition and activation of K+:H+ antiport through YcgO, from Escherichia coli.	Day 2
P-140	20260160	Mr. Dhananjaya G	Mechanistic Studies of Bifunctional AmiM in Amicetin Biosynthesis	Day 2
P-141	20260124	Mr. Vidyadhar Pratap	A Novel Organosulphur Compound with a Sulfur Linkage Disrupts FtsZ Polymerization and Exhibits Broad-Spectrum Antibacterial Activity	Day 3
P-142	20260086	Mr. H.S. Anirudh Srinivas	Structure-Guided Identification and Quantification of Accessible N^6Methyladenosine Motifs in mRNA Transcripts	Day 2
P-143	20260077	Mr. Divas Jaiswal	Cryo-EM studies of Entamoeba histolytica translational machinery	Day 2
P-144	20260283	Ms. Dhruti Deepa Mohapatra	Decoding Rare NAA15 Variants: Structural and Dynamic Insights into NatA Dysfunction	Day 2
P-145	20260372	Dr. Hariharan V C	Ustilago maydis SWR1 Regulates Bioactive Melanin (UstiMel) Biosynthesis - a Photoprotective Biomaterial for UV-protective Hydrogels	Day 2

P-146	20260000	Ms. Deblina Dhabal	Development of Genetically Encoded Fluorescent Protein based Sensor for S - Adenosyl Methionine	Day 2
P-147	20260387	Ms. Manisha Bai	Enzyme kinetics, substrate optimization, and identification of inhibitors of PRSS55	Day 3
P-148	20260323	Mr. Chandan M N	Molecular Characterization of Barnyard Millet Bioactive Peptides Targeting DPP-4 and GLP-1-Associated Metabolic Signalling	Day 3
P-149	20260286	Ms. Bushra Qazi	Development of Peptide-based Fusion Inhibitors as an Antiviral Strategy	Day 3
P-150	20260257	Mr. Ritvik Guru	Novel synthetic compounds for inhibiting neutrophil extracellular traps for the amelioration of pulmonary fibrosis.	Day 3
P-151	20260227	Ms. Vrinda Kapoor	Chemical chaperones enhance IgG1 production in CHO-S cultures	Day 3
P-152	20260224	Mr. Pitam Chakrabarti	Herbal Phyto-therapeutics to Target Malignant Cancer Cells.	Day 3
P-153	20260143	Mr. S Hemant Kumar	Energy and Contact Features Identify Crystal-Like PROTAC-mediated Ternary Complex Models	Day 3
P-154	20260134	Mr. Madanmohan Mishra	Development of Recombinant Constructs for CRISPR-Cas13 and Cas12 Mediated FGFR2 Fusion genes Targeting	Day 3
P-155	20260008	Mr. Hira Singh Gariya	Deconstructing Viral Immune Evasion: Functional Coupling of SARS-CoV-2 ADPRP with NSP15 and Structure-Guided Inactivation of NSP15 Endoribonuclease Activity	Day 3
P-156	20260070	Mr. Keerthic Aswin	Evolutionary Origins and Structural Sensing Mechanisms Governing Nidoviral RNA Proofreading Fidelity	Day 3
P-157	20260068	Ms. Arpita Kar	Mitochondrial ROS-dependent higher-order assembly of HBx attenuates MAVS-dependent antiviral immunity during HBV infection	Day 3
P-158	20260378	Ms. Aradhana Chauhan	Synthesis of Staining Fluorescent Dyes and Quenchers for RT-PCR based Detection kit for Arboviruses	Day 3
P-159	20260346	Ms. Aditi Dwivedi	SARS-CoV-2 pore-dilation stage involves membrane-tension and actin-cytoskeleton activity	Day 3
P-160	20260329	Mrs. Babita Bohra	SARS-CoV-2-Induced Antibody Responses and Their Cross-Reactivity with Dengue Virus	Day 3

P-161	20260303	Ms. Preeti Mishra	Identification of Novel Inhibitors of JEV RdRp as Potent Antiviral Drugs: Targeting NS5-NS3 Protein Interaction	Day 3
P-162	20260270	Mr. Kumar Saurabh Srivastava	Development of a Recombinant Virus-Like Particle (VLP)-Based Subunit Vaccine Candidate Against Japanese Encephalitis Virus	Day 3
P-163	20260246	Mr. Vishal Kumar	A Novel Method to Monitor Viral Fusion	Day 3
P-164	20260223	Ms. Shriyanshi Mishra	A Novel Indole-Based Inhibitor Targeting the RNA-Dependent RNA Polymerase of Japanese Encephalitis Virus	Day 3
P-165	20260366	Mr. Puneet Srivastva	Translation of a Universal Vaccine Candidate of Influenza to a Viral Vector system; targeting pandemic preparedness	Day 3
P-166	20260291	Ms. Neha Choudhary	Characterisation of the non-canonical Role of Arp8 in Ribosome Biogenesis: Role beyond chromatin remodelling	Day 3
P-167	20260129	Ms. Ariba Mahmood	Understanding the role of Telomerase-RNP complex in telomere homeostasis in the human malaria parasite	Day 3
P-168	20260409	Mr. Sakthivel Jayaraj	Characterization of Boronic Acid Derivative B3 as a Lead Antibacterial and Antibiofilm Agent Targeting Gram-Positive Bacteria	Day 3
P-169	20260367	Mr. Chandan Rajan Chand	Deciphering the Molecular Mechanism of Pt(II) NHC Complex Mediated Growth and Biofilm Inhibition in *Mycobacterium tuberculosis*	Day 3
P-170	20260361	Mr. Muktesh Kumar Sahu	Volatile ammonia acts as a multicellular infochemical regulating biofilm architecture, territoriality, and cell fate in *Bacillus subtilis*	Day 3
P-171	20260295	Ms. Sunanda Gautam	Structural and Biochemical Characterization of Pseudomonas aeruginosa DnaB Helicase: Insights into Its Dynamics and Macromolecular Assembly	Day 3
P-172	20260289	Mrs. Sakshi Keshari	Investigating the Role of “SOS” Response Regulated VapBC40 Toxin-Antitoxin Module in Stress Tolerance and Survival of *Mycobacterium tuberculosis*	Day 3
P-173	20260231	Mr. Gokul Raj Mohan	Combating Antimicrobial resistance in Mycobacterium tuberculosis by employing the “SOS” inhibitor 3-nitrophenyl boronic acid	Day 3

P-174	20260208	Mr. Saurav Gupta	Characterization of YtnP Lactonase as a Quorum-Quenching Enzyme Targeting *Pseudomonas aeruginosa* Virulence	Day 3
P-175	20260181	Ms. Pinki Kumari	Functional significance of different putative diguanylate cyclases of *Mycobacterium abscessus*	Day 3
P-176	20260140	Mr. Babai Hazra	Characterization of GlVps2 and GlVps24 Reveals Possible Unique ESCRT-III Adaptations in *Giardia lamblia*	Day 3
P-177	20260142	Mr. Amit Kumar Sonkar	Mapping the Secretory Effector Repertoire of Orientia tsutsugamushi: An Omics-Based Approach to Potential Therapeutic Target Discovery	Day 3
P-178	20260049	Ms. Anupriya Sharma	Production, Purification and Characterization of Antimicrobial peptide from *Bifidobacterium breve* NCIM 5671	Day 3
P-179	20260029	Ms. Arti Avdheshkumar Varma	Targeting Hydrogen Sulfide-Producing Enzymes to Combat Antimicrobial Resistance in *Enterococcus faecalis*	Day 3
P-180	20260007	Ms. Shaik Ayesha	Molecular and Immunoinformatic Characterization of the *Mycobacterium tuberculosis* ESX-1 Secretory Protein EspE (Rv3864): Implications for Host-Directed Interventions in Tuberculosis	Day 3
P-181	20260019	Ms. Sadiya Samir	Identification and Characterization of Potential Druggable Targets of *Mycobacterium tuberculosis*	Day 3
P-182	20260274	Mr. Jai Kishan	Design and Evaluation of a Novel Antimicrobial Peptide against WHO Priority Pathogens	Day 3
P-183	20260293	Ms. Pushplata Yadav	A novel gene from Marine bacteria Bhargavaea indica encoding imipenem specific degrading enzyme: A Potential Threat to Antibiotic Therapy	Day 3
P-184	20260100	Ms. Sayani Ghosh	Linkage between an activated Cpx response and potassium metabolism	Day 3
P-185	20260403	Mr. Adrish Chakrabarti	Modulating Motility and Biofilm Dynamics in Bacillus subtilis via Tetrahydrofuran (THF) Exposure	Day 3
P-186	20260066	Ms. Manisha Pal	Structural and Mechanistic Insights into Transcription Regulation of Motility and Biofilm Genes by SbrI and SbrR in *Pseudomonas aeruginosa*.	Day 3

P-187	20260059	Ms. Sindhuja Singh	Molecular studies on cell division regulatory proteins MinC and MinD in a coccus-shaped bacterium *Deinococcus radiodurans*	Day 3
P-188	20260406	Mr. Sachin Richhariya	Multi-level Characterization of Vitiligo-Derived Lymphoblastoid Cell Lines: Cellular Phenotype, Doxorubicin Response and DNA Repair Gene	Day 3
P-189	20260345	Ms. Komal Paresh Walvekar	Systematic epigenetic screening identifies PRMT1 as a regulator of TNF-α transcription and a therapeutic target in Acute Lung Injury	Day 3
P-190	20260386	Dr. Sana Khan	Ensemble Machine Learning and Graph Neural Network-based Virtual Screening Pipeline for the Discovery of Novel MMP-12 Inhibitors for Cardiovascular Diseases	Day 3
P-191	20260385	Mr. Ghanshyam Pandey	Molecular Basis of CMTX1: Atomistic Simulations Reveal Divergent Gating Dysregulation in Cx32 Mutants	Day 3
P-192	20260376	Ms. Shivangee Yadav	Integrated structure-based and ensemble machine learning framework for identification and validation of novel scaffolds against PARP1 in Triple Negative Breast Cancer	Day 3
P-193	20260340	Ms. Saumya Singh	From Molecular Features to Experimental Validation: An Integrated Machine Learning and Structure-Based Approach for Identification of Novel PPARγ Agonist	Day 3
P-194	20260335	Ms. Nikita Krishna	An Ensemble Machine-Learning Workflow with Structure-Based Validation for Novel DOT1L Inhibitor Discovery	Day 3
P-195	20260297	Ms. Akhila A	Machine Learning-Guided Identification of Dietary Monoterpenoids as Potential mTOR-Targeting Candidates for Neurodegenerative Diseases	Day 3
P-196	20260294	Ms. Vaishnavi A	Machine Learning-Guided Identification of Flavonoid-Based VEGFR2 Inhibitors for Anti-Angiogenic Applications	Day 3
P-197	20260296	Ms. Akshara S	Unravelling the Therapeutic Potential of T. cordifolia-derived N-trans-Feruloyltyramine in Type 2 Diabetes through Network Pharmacology and Molecular Simulation	Day 3
P-198	20260265	Mr. Ayush Raj	AI-Guided De Novo Design of Nanobodies Targeting DENV-2 E Fusion Loop	Day 3
P-199	20260151	Mrs. Anurupa Sett	Characterization of Non-Canonical PX Domains of Giardia lamblia	Day 3

P-200	20260150	Dr. Sherin D R	AI-Guided Design of Sesquiterpenoids Targeting GPX4 as Potential Ferroptosis Inducers in Triple-Negative Breast Cancer	Day 3
P-201	20260018	Ms. Rana Yukta Sibukumar	Alphacrossxl-2.0: An integrated computational framework for resolving multimeric protein architecture using cross-linking mass spectrometry	Day 3
P-202	20260417	Ms. Himanshi Singh	Substrate Selectivity in Formate/Nitrite Transporters (FNT): Role of Histidine protonation in substrate transport	Day 3
P-203	20260368	Ms. Akshaya K T	Deciphering the Molecular Basis of CETP inhibition and discovering novel inhibitors through Integrated Computational Approaches	Day 3
P-204	20260338	Ms. Anjali Shriwastwa	Network Pharmacology and Molecular Docking of Phytochemicals Against *Fusobacterium nucleatum* Targets in Colorectal Cancer	Day 3
P-205	20260015	Ms. Kalpana	In silico insights into pathogenicity and structural consequences caused by missense variants of KATNAL2	Day 3
P-206	20260232	Dr. Mohammad Kashif	Proteome-Wide Mining of MHC Class I, Class II, Cryptic and B Cell Epitopes of *Leishmania donovani*: An Integrated In Silico Approach towards Vaccine	Day 3
P-207		Mr. Parveen Yadav	Design and Synthesis of New Fluorescent Probe for Selective Staining of DNA/RNA G-Quadruplex	Day 2
P-208	20260207	Mr. Rajnikant Mishra	Mesenchymal Stem Cell-Mediated Restoration of Testicular Function in a Chemoablated Rat Model	Day 1
P-209	20260230	Ms.Akanksha Vyas	SAS1B Regulates Cervical Cancer Cell Proliferation through Aurora A Kinase	Day 1
P-210	20260155	Ms. Shruti Suhas Varode	Assessing the roles of novel small-molecule adiponectin receptor modulators in metabolic diseases	Day 1
P-211	20260218	Mr. Nikhil Nikolas	Evaluation of novel ADIPOR2 agonist in skeletal muscle atrophy and other metabolic diseases.	Day 1