

AIMLBIO-2022

List of accepted papers for POSTER presentation

<u>Sl.No</u>	Paper ID	Authors	Title
1	1	paper withdrawn	
2	2	Krishnnanjali Magade.	Prediction Accuracy on Automating of Overnight Patient Care
3	4	Raghav Kumar and Abdul Haq Nalband.	Network Intrusion Detection System using ML
4	7	paper withdrawn	
5	8	Rachit Sachdeva, Sarthak Katyal, Krishan Choudhary and Rohit Kaushik	Sensory Perception of Haptic Rendering in Surgical Simulations
6	13	Pakruddin B, Jinesh V N, Dr. Hemavathy R and Dr. Sharada K	Image Processing with Machine Learning in Agriculture: An effective approach
7	14	Andrew Kim	A SONG RECOMMENDATION SYSTEM USING SENTIMENT ANALYSIS BASED ON USER REVIEWS
8	15	Juni Kim	Establishing a Computational Screening Framework to Identify Environmental Exposures Using Untargeted GC-HRMS
9	16	Tei Kim	Developing an Automated Protocol for the Wristband Extraction Process Using Openrons
10	17	Machupalli Sree Pragna and Dr Girija Jagannath	Data-centric and AI-enabled Approach using Biomarkers to Objectively Measure Chronic Pain
11	18	Vigneshwar Suriya Prakash S and Amouda Venkatesan	Identification of Diagnostic and Prognostic Biomarkers Using Variable Selection and Bioinformatics Analysis for Gastric Cancer.
12	19	Anirudh R Urs, Sukruth Kashyap S and Veena Gadad	AI and ML in Diagnosis of Haemophilia and Haemophilic Arthropathy
13	21	C U Sri Shreya Devi and Anusha M R	Preliminary investigation of antivirals from commercially available Zinc 15 database of RNA dependent RNA polymerase (rdp) in Covid19
14	22	Sameer Shaik, Sameeksha Guruaja Yellapur, Rishab U Subramanian, Dr. Ah Manjunatha Reddy, Dr. Sumathra Manokaran and Dr. Praveen Kumar Gupta	Treating Schizophrenia through targeting of the MEK pathway

15	24	Amrutha Shivaraju, Rajeswari Somasundaram and Lakshmi Sahitya Uppuluri	In Silico Identification and Characterisation and Protein Interactions of Aquaporin Candidate Genes in Solanum melongena
16	25	Manjunatha Reddy A.H, Sumathra Manokaran, Minal Moharir and Sahana B T.	ROLE OF MACHINE LEARNING IN THE DRUG DESIGN
17	26	Malavika Hariprasad, Nimisha Dey, Neha N, Pratiksha Narasimha Nayak G and Srividya M S.	Smart Hospital Management System
18	27	Ragur Munikannaian, Raje Siddiraju Upendra and Sanjay Nagar	Significance of Insilco Approaches in Finding Novel Biomolecules Challenging Newly Emerging, Resurging, Deliberately Emerging Global Outbreaks
19	28	S Champakamala and K Karunakara.	EFFICIENT SEGMENTATION AND HARRIS HAWKS OPTIMIZATION BASED FEATURE SELECTION FOR BRAIN TUMOR DETECTION
20	31	Navanika Reddy, Nehashri Poojar S V and Srividya M S	IoT based health monitoring system
21	32	Sneha Kumkum	A Review: The use of AI-ML in Translational Medicine and its applications
22	35	Lahari G, Jalaja V and Hemalatha K	Drowsiness Detection Master using Dlib and OpenCV
23	37	Burhanuddin Unwalla, Jayant Ghadge, Atharva Khot and Jayashree Prasad	A survey of diabetic retinopathy classification and lesion segmentation methods
24	39	Purushotham Rao M, Madhusudhan P, Akshay Uttarkar C and Dr. Vidya Niranjana	Generation of new inhibitors against BTK using ML
25	41	Madhusudhan P, Purushotham Rao M and Dr. A H Manjunatha Reddy	Determining differential sequence variant between oligo and poly-metastatic of breast cancer
26	43	Shanta Rangaswamy, Pranav H, Revanth K, Akshay B and Vidya Niranjana	Detection of Malarial Parasite in blood cell images using Machine learning Techniques
27	46	paper withdrawn	
28	47	Aditi Pandey, Ujwal Shreenag Meda, Yaseen Muneer, Vamshika I and Radhakrishna	Prediction of NOx Reduction Using Machine Learning
29	48	Varshith Tipirneni, Ujwal S Meda and Samhita M Kiran	Optimization of Crude Distillation Column using Machine Learning

30	50	Bhoomika R Holla and Ujwal Sreenag Meda	Powering medical implants through enzymatic biofuel cells and anomaly detection using artificial intelligence
31	51	Aakaanksha Kaul, Sanjana J, Vibha R and Nagashree Rao	Biochemical Profiling of Locally Available Flower Varieties
32	52	Aakaanksha Kaul, Sanjana J, Vibha R and Nagashree Rao	Biochemical Profiling and Expression Analysis in Coriandrum sativum under heavy metal stress
33	53	Kavitha U and Babu Rao	A STUDY ON APPLICATION OF MACHINE LEARNING MODELS FOR DISEASE DIAGNOSIS AND PREDICTION
34	54	Ganga Devi S.V.S. and Meghana Gajjela	PADDY CROP DISEASE PREDICTION- A TRANSFER LEARNING TECHNIQUE
35	55	Akarsh Anand, Shashwat Shivansh and Ujwal Shreenag Meda	Illness Detection using Machine Learning
36	56	Shashwat Shivansh, Akarsh Anand and Dr. Ujwal Shreenag Meda	Detection of Tuberculosis using Machine Learning
37	60	Trilokchandran B, Vijayakumar G, Rakshitha Sharma and Kaustubha Pb	Heart rate Monitor using Augmented Reality
38	61	Ashwini K B and Priya Murthy	Genome Analysis using Machine Learning along with Artificial Intelligence
39	62	Priya Murthy and Ashwini K B	GENITIC RESISTANCE FOR THE RICE BLAST
40	63	A V Narayan and Ajeeth Kumar Srivastava	Removal of phenol from a model system using peroxidase and polyphenoloxidase
41	65	Roshi Dubey and Sonu Airen	Genetic Algorithm Utilization For Efficient Approaches Of Recommender System: A Survey Paper
42	66	Manjunatha Reddy, Harini P Aiyer and Sumathra Manokaran.	A review of smartphone applications for breast cancers
43	67	Ambrutha G R, Lingayya Hiremath, Pragathi Basavaraj, Manjunatha C, Ajeet Kumar Srivastava and Narendra Kumar S	FABRICATION OF NANOMATERIAL-BASED SENSOR FOR DETECTION OF BIOMOLECULES IN GOMUTRA
44	69	Narasimha Swamys S, Vijayalakshmi M N and Manjunath Reddy	Relevance of Artificial Intelligence in Personalized Medicine

45	70	Narendra Kumar.S, Lingaya Hiremath, Ajeeth Kumar Srivatsava, Ananya H.C, Gayathri B.R and Sreelakshmi P	Development of sensors for micro simulation of neurons
46	72	Praveen Kumar Gupta, Narendra Kumar Sura, Dr Ajeet Kumar Srivatsava, Lingayya Hiremath, Manjunatha Reddy, Sumathra M, Madhusudhan P, Thippareddy Ks and Purushotham Rao	Detection of Idiopathic Pulmonary Fibrosis by using informatics tools
47	73	Puneetha Tr, Ramya K, Nagashree N Rao and Ashwani Sharma	Pullulan based biofilms for food packaging
48	74	Manohar Raju, Jyoti, Dr. Shivaraj Murag, Dr. Nagashree Rao and Dr. Ashwani Sharma	Machine Learning (ML) / Artificial Intelligence (AI) based Data Analysis for DNA-based Biosensor
49	75	Praveen Kumar Gupta, Aditi Tata, Maryanne Varghese, Chitra Agrawal, Pratiksha Jadhav, Vijaylakshmi Nagnuri, Madhusudhan P, Manjunatha Reddy and Sumathra M	A Review on the Analysis methods of Ocimum tenuiflorum and Trigonella foenum-graecum with anti-diabetic compounds by using bioinformatics tools
50	76	Malavika Hariprasad, Nimisha Dey, Neha N, Pratiksha Narasimha Nayak G and Srividya M S.	Automated Hospital Report Generation System with AI-based Face Detection
51	79	Akshay Uttarkar, Syed Farhan and Vidya Nirajan.	Long Short Term Memory model for accurate predictions of Single Nucleotide Polymorphisms in Mycobacterium tuberculosis from timeseries genome
52	82	Pooja S, Lavanya C, Shashi Kiran S, Rajesh B, Darshan L, Pallavi S, Rakshitha B M and Vidya Nirajan	IDENTIFYING POTENTIAL PROBIOTICS SUPPLEMENTED IN MILK FOR INFANTS THROUGH METAGENOME APPROACH
53	83	Pooja S, Lavanya C, Vyshnavi Tr, Shashank D, Vishal Sahu and Vidya Nirajan	META-PROTEOMIC ANALYSIS ON BREAST MILK FOR DETERMINING POTENTIAL POSTBIOTICS FOR NEONATES
54	86	Lavanya C, Pooja S, Varshini T S, Iqra Noorin, Chetan Maiya U, Jayani Rai, Deepak Singh and Vidya Nirajan	A Protocol for In-silico design and development of sandwich peptide aptamer for rapid detection of Mycobacterium tuberculosis

55	88	Pooja S, Lavanya C, Siddhi Daga, Tanisha Shetty, Shreya Shanbog, Srujan Shetty, Sukruth Kashyap S, Likhita S, Brunda Mr and Vidya N	Novel Probiotics To Enhance The Growth And Development Of Commercial Crops
56	89	Praveen Kumar Gupta, Pratiksha Jadhav, Vijaylakshmi Nagnuri, Aditi Tata, Maryanne Varghese and Chitra Agrawal	Gymnema sylvestre and Eugenia jambolana seeds compound detection using informatics tools
57	91	Praveen Kumar Gupta, Vidhya Shree, Vidya Mj, Simran A Singh, Sanchi Ahuja, Joanna Nicole D Souza and Sarah Philip	EARLY DETECTION OF LUNG CANCER IN SMOKERS BY USING NON-INVASIVE BIOSENSOR
58	92	withdrawn	
59	98	Sneha Kumkum, Vrushali P Desai, Sriram Balakrishna, Manjunatha Reddy and Sumathra M	A Review : The use of AIML in translational medicine and its applications