

GIST OF THE CONFERENCE

The Springer 3rd International Conference on Bioinformatics and Data Science (ICBDS – 2022) and 9th International Conference on Public Mental Health and Neurosciences (ICPMN – 2022) started on 22nd December 2022 with prayer song by Ms. Anusha BS. We had welcome message by Mrs. Padmashree Murthy, President, Sarvasumana Association followed by inaugural message by Dr. R. Somashekhar, Chairman of this event.

The morning session started with a beautiful talk by our honourable chief guest Dr. Sanjay N Harke who delivered his talk on biological data science and softwares used genomics. This was followed by wonderful keynote by Dr Lim who gave very nice presentation titled “Frontiers Of Nanoinformatics In Nanomedicines”. He emphasized on the importance of metabolites and nanoparticles. Following his talk we had a very interesting talk by Dr. M. Anuradha titled “Nutraceutical Nootropics” who spoke about on nutraceuticals and how they can be taken for maintaining sound health. Following we had Keynote by Mrs. Padmashree Murthy who spoke on “Storytelling For Children And Teenagers In Counselling”. Next we had an interesting keynote by Dr. Kirthi S Jawalkar titled “Genomics In Homeopathy” who smoothly linked homeopathy with genomics. She stressed on homeo-genomics study.

The afternoon session had oral presentations by

1. Yegnanarayanan Venkataraman, T. Kalaiselvi “Dominating Sets in Protein-Protein Interaction Networks”
2. K.S. Sri Rajeshwari Devi “The relationship between the self-affirmation and life skills for better mental health and well-being of youth”
3. K.S. Sri Rajeshwari Devi “Parenting stress and resilience in parents of children with two most common Neurodevelopmental disorders ASD [Autism spectrum disorders] and ADHD[attention deficit hyperactivity disorder]”
4. Kushagra Agarwal “Comparative Analysis of SARS-CoV-2 Variants Across Three Waves in India”
5. Agna MP “Perception Of Learned Helplessness In Relationships Among Female Emerging Adults”
6. Ms. Pooja Renukdas “Graphology: An Inclination to Profession”
7. SS Pawar “Targeting GmBADH2 gene specific mutation and designing of allele specific marker for aroma”
8. Sushma. N “Study of Yoga In Indian Psychology”
9. Shahnawaz Ahmad “QSAR, Molecular Docking, DFT and Scaffold hopping based designing of new Tetrahydro-beta-carboline derivatives for ABCG2 of Breast Cancer”

10. Cheryl Jolly “Understanding the effect of social media use on self-esteem among Senior Secondary school students in Delhi-NCR”
11. Ms. Pooja Renukdas “Graphology: Ultimate Healer of 7 Chakras”
12. Suba S “Indian-COVID-19 CT Dataset: Evaluating Generalizability of Deep Learning Models”
13. Christina Mariam Chacko “Multiple case analysis on work-family conflict and financial stressors among Covid survived newlyweds.”
14. Jayanti Shuklaa, Bhairvi Pantb, Neema Tufchic, Gracy Chand Pauld, Manu Pantd, Srishti Chaudharyd, Diksha Panward, Kumud Panta “In-Silico analysis for the identification of differential expressed genes and candidate biomarkers in Kawasaki disease”
15. Maheshwari Ganachari “Emotional Well Being In Parenting”
16. Muruli B Latha Shashidhara “Unique Fingerprint Analysis And Brain Mechanism”

The oral presentations were judged by Dr. Rabinder Henry and Dr. G. Dhanalakshmi.

Following we had an exciting talk by Dr. KongFatt Wong-Lin titled “Seeking neural mechanistic understanding of decision-making in the era of big data and machine learning” followed by talk by oxygen man Prof. Dr. Gustavo R. Zubieta-Calleja titled “Chronic Hypoxia: adaptive responses that extend survival on planet Earth and beyond”

23rd morning started with Interactive session by Chitra. C on “A Journey: From Inside to Insights” who drove us into our insights. This followed special invited talk by Mr. Arvind G on “Entrepreneurship Development” who provoked us for being enterpreneur. Next we had Keynote by Dr. Rabinder Henry on topic “Cognitive Technology” wherein he talked about neuroengineering aspects.

Following we had oral presentations by

1. A. Vijaya Lakshmi “A systematic review of Route Optimization For Ambulance Routing Problem”
2. Preeti sonkar “In-silico characterization of pathogenic protein of Fusarium oxysporum f. sp. Lycopersici and antagonistic protein of Trichoderma spp. and their domain”
3. Pankaj Debbarma “Developing a Digital Thesaurus for Kokborok Language”
4. Swathy Krishna M “Genomic Profiling of neuropsychological disorders in Koragas, an aboriginal tribal population from Dakshina Kannada, Karnataka”
5. Ong Xin Yue “Exploring Hub Genes In Lung Cancer Using Integrated Bioinformatics Analysis”
6. Norfatiha Binti Bawahi “Identification Of Biomarkers In Key Gene Prediction In Lung Carcinoma”

7. Arpitha G “Establishing Phylogenetic Profile and Identification of Function and Ligands for *Mycobacterium Ulcerans* Microbiome”
 8. Kavya.T. T, Harsha.B, Kalavathi.K.P, Dileep.K.R “Bioprospecting Of Fruit Waste-An Approach To Create Wealth From Waste”
 9. Samruddhi Satish Pathak and Manisha Survase “Extraction of caffeine from tea waste and its analysis”
 10. Chaitali Ashokrao Dhande, Ankita Kasliwal and Vaishali Dange “To Activate ULK1 Protein for Cancer Treatment”
 11. Deepanshi Chaudharya , Neema Tufchi b, Bhasker Pantc, Kumud Panta “In – Silico Analysis Of Snps And 3’utr Associated Mirnas In Genes For Studying The Pathogenesis Of Epilepsy”
 12. Shivali Santosh Harke and Ashok Shinde “Isolation of the Protein from the latex of *Calotropis Procera*”
 12. Om Joshi, Jaswant Kandikanti and Manisha Survase “To Study the Degradation Rate of Microbes on Starch Based Bioplastic”
 14. Priyanka Patil and Nileema S. Gore “Rhizoctonia, A Plant Pathogen And Different Control Strategies”
 15. Shaikh Firdous Isaq and Nileema S. Gore “Microbial Endophytic Distribution Within The Plant”
 16. Anila Juhi “Estimation Of Protein In Some Varieties Of Soybean [*Glycine Max* (L.) Merr.] And Their Hybrids”
 17. Anusha BS “Establishing Phylogeny, Functional Profile and Novel Drug for Nipah Virus Encephalitis”
 18. Nandhini Nagarajan ,Soumya Prabhakar Murthy, Lekshmi Uday Nair “Nanoinformatics: Enhancing Crop Production With Application Of Nanoparticles In Agriculture”
- Post lunch we had Keynote by Dr. Rajesh TS who spoke on “Science/Signs of Purification in Yoga”. This was interesting and inspiring. This was followed by keynote by Dr. G. Dhanalakshmi “Genomic in life sciences”. Next we had keynote by Dr. Archana Panche on topic “Multi-target protease inhibitors from *Andrographis paniculata*: *In-Silico* and *In-Vitro* studies”. This was followed by keynote by Dr. Suresh Babu SV “Inherited metabolic disorders: Biochemical approach at tertiary Care Hospital”. Finally we had an interactive session by Ms. Shruthi G K “How To Kick Start Your Professional Journey Towards Success”. Oral presentation awardees were: 1st Kushagra Agarwal and Suba S; 2nd Swathy Krishna M and Norfatiha Binti Bawahi; 3rd SS Pawar and Jayanti Shuklaa; Appreciation Shahnawaz Ahmad, Arpitha G, Ong Xin Yue and Anusha BS. SERB had supported this event.

