

International poster competition

The 2nd International competition of poster presentation on the topic of “**Innovative ideas of young researchers**” organized by South Kazakhstan Medical Academy (SHYMKENT), Kazakhstan in collaboration with JSSAHER, Mysuru was conducted on **May 3, 2023** at 14.00 (Astana time) (Indian time – 1:30PM). The section was started with the introduction speech by the Director of South Kazakhstan Medical Academy (SHYMKENT), followed by the introduction speech by Dr.Shanmugam.R, Coordinator, TIFAC CORE in Herbal Drugs, JSS College of Pharmacy, Ooty. About 59 participations from different parts of the world have actively taken part in the poster presentation competition in the area of Pharmacology, toxicology, herbal standardization, Herbal formulation, Pharmacy practices, Pharmacognosy evaluation, herbal analysis etc. About 37 participants from JSSAHER, Mysuru have actively taken part in the competition and the details are as follows,

| S.No | Name of the students | Course | Title |
|------|------------------------------|-------------------------------|--|
| 1. | AISHWARYA. P | M. Pharmacy | Knowledge, attitude and practice of Hepatitis B infection prevention among pharmacy students of Tamilnadu |
| 2. | KAVYA .K.D | M. Pharmacy | Roflumilast-loaded Nanostructured lipid carriers attenuate oxidative stress and neuroinflammation in Parkinson’s disease model |
| 3. | BOGADI SUBHASRI | M. Pharmacy (Ph.D.) | Diabetic wounds can be protected from oxidative stress by utilizing metal oxides |
| 4. | VIVEK REDDY MURTHANNAGARI | PhD | Research on scope of US and EU paediatric investigation plans with corresponding orphan designations |
| 5. | KUSUMA KUMARI GARIKAPATI | M. Pharmacy (Pharmacology) | Preliminary assesment of the beneficial effects of pioglitazone in treatment of endometrial cancer |
| 6. | P. DIVYABHARGAVI | M. Pharmacy | in-silico Docking studies of selected Phytochemicals as STAT3 inhibitors |
| 7. | SUSHMA P | M.Sc | Exploring the Key Genes & Novel |

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| | | | Therapeutic Targets in Alzheimer's Disease using Protein-protein Interaction Approach & Neural Networks |
| 8. | RIHANA BEGUM PATNOOL | Research Scholar | Innovative Strategies for Overcoming Antibiotic Resistance |
| 9. | SAMANWITAKHANRA | M. Pharmacy (Pharmaceutics) | Repurposing Of Metformin-Loaded Nano-Hydrogel For The Treatment Of Breast Cancer |
| 10. | DEEPAK VASUDEVAN SAJINI | M. Pharmacy | Modulatory effects of Orientin on Nrf2-ARE pathway: a protective anti-Parkinson's effect |
| 11. | PARIKSHIT ROY CHOWDHURY | Research Scholar | Trail Conjugated Oxaliplatin Hybrid Drug Delivery For Targeting Dr4 And Dr5 Receptor For Management Of Colorectal Cancer |
| 12. | ASEM VEEVES SINGH | Pharm D | Hippocampal Volume And Type 2 Diabetes Mellitus Without Comorbid Malady |
| 13. | SURIYA NAARAYANAN G R | B. Pharmacy | Cardiac Tissue Regenerative Potential of 5-Amino Salicylic Acid Analogues |
| 14. | SANJAY R | B.Pharmacy | In Silico Pharmacokinetic Profiling And Comparative Assessment Of Biological Activity Of Antioxidants |
| 15. | VINUTHA M | B. Pharmacy | Genoprotective Potential Of Resveratrol Against Paraquat Induced Genotoxicity By Using Swiss Albino Mice |
| 16. | VIGNESH N | B. Pharmacy | Neuroprotective Potential Of Solid Lipid Nanoparticles Loaded With Naringenin On Rotenone Induced Parkinson's Disease Model |

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| 17. | CHANDAN C | Master of Science | Design, Optimization, Preparation & Characterization of Papain loaded Nanostructured Lipid Carriers for the enhancement of the oral delivery |
| 18. | L. PRIYANKA DWARAMPUDI | M Pharm, PhD, FAGE | Preparation, Characterization, Antioxidant, Anticancer and Antiestrogenic activity of Copper-Quercetin nanocomplex |
| 19. | GULLAPALLI KOWMUDI | M. Pharmacy | in vitro and in vivo evaluation of bioactive lunasin peptide in food matrix |
| 20. | AMAN KHAN DELWAL | Research Scholar | Development, Optimization And Evaluation Of Acetazolamide-Loaded Liposomes Prepared With Ethanol Injection Method: In-Vitro And Ex-Vivo Study |
| 21. | AMRITHA CK | M. Pharmacy | The principal molecular mechanisms behind the activation of Keap1/Nrf2/ARE pathway leading to neuroprotective action in Parkinson's disease |
| 22. | ASHWIN RAVICHANDRAN | M Pharmacy (Pharmaceutics) | A Preliminary In-Vitro Kit For Determining Sexual Health |
| 23. | VISHNU KUMAR MALAKAR | Research Scholar | Network Pharmacology and Molecular Modeling combined to analyze the Molecular and Pharmacological Mechanism of Valeriana officinalis in the treatment of Alzheimer's |
| 24. | TEJASSWINI R | Research Scholar | Cucurbita Moschata Postbiotic Ferment Extraction For Cosmetic Active Applications. |
| 25. | MEENAKSHI S | Ph.D | Investigation of Poly herbal Effervescent denture cleansing |

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| | | | tablet and Evaluation of anti-microbial efficacy for geriatric denture wearers- A Preliminary screening study |
| 26. | MUDAVATHRA VINAİK | Research Scholar (Ph.D) | Identification and evaluation of anticancer principles from <i>Drynariaquercifolia</i> rhizome using bioassay guided fractionation |
| 27. | RAMYA GADE | M.Pharmacy | AYUSH (Ayurveda, Yoga, Unani, Siddha & Homeopathy) : Its role in the management of polycystic ovarian syndrome |
| 28. | LOGANAYAGI.M | M.Pharmacy | Development of Sweet Root Concoction for Digestive Difficulty & Lactose Intolerance |
| 29. | LOKESWAR S | M. Pharmacy (Pharmaceutics) | Formulation Development Using Polyherbals For The Management Of Frostnip |
| 30. | M.LAHARI PRIYA | M Pharmacy | A Recent Focus of Traditional Medicinal Plants and Herbs Used in the Management of Frostbite |
| 31. | YAMUNA K | M. Pharmacy | Anti-psoriatic activity of the leaves of Indian Tulip tree |
| 32. | DIVYA JYOTHI PALATI | M.Pharmacy (Pharmacognosy) | In-silico studies of selected Phytochemicals as Allosteric Activator for Human Glucokinase for the management of Type-2 Diabetes |
| 33. | RIYABHAT | B. Pharmacy | A potential for converting Licorice (<i>Glycyrrhiza glabra</i> L.)-Derived Photochemical into Phytosomes for Oncotherapeutic activity |
| 34. | SUREN.R | | Preparation, Characterization And Evaluation Of A Copper Oxide |

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| | | B. Pharmacy | Containing Ayurvedic Bhasma |
| 35. | KAVITHA GIRIDHARAN | M.Pharmacy (Pharmacology) | Evaluation of Anti-venom potential of Poly Herbal formulation (choornam) used by Irula tribes against Russell's viper venom |
| 36. | T DURAI ANANDA KUMAR | M.Pharm, PhD | Molecular insights on anti-SARS-CoV-2 potential of vitamin B6 analogues |
| 37. | PULLA PRUDVI RAJ | M. Pharmacy (Pharamceutical Chemistry) | Investigation of 3-((3,4-dihydroisoquinolin-2(1h)-yl)sulfonyl)-n-phenyl benzamide derivates as PARP-1 inhibitors by molecular docking, binding free energy and molecular dynamic simulations |

Five members jury was set by the South Kazakhstan Medical Academy and the presentations were evaluated for 7- 10 min. The judging criteria for evaluating poster presentations for the international competition was specific and focus to the poster submitted. The judgment was made on the basic common criteria like,

Clarity and organization: How well the poster is organized, including the layout and design, the use of headings and subheadings, and the clarity of the text and graphics.

Content and originality: The quality of the research and the originality of the poster presentation, innovative ideas, new insights, and contributions to the field.

Relevance and significance: Relevance and significance of the poster presentation to the field, including how well the research addresses important questions or problems in the field.

Methods and results: Methods used to conduct the research and the quality of the results presented in the poster.

Communication and engagement: How well the presenter communicates the research and engages with the audience, clear and concise explanations, effective use of visuals, and effective interaction with the audience.

Overall impression: Overall impression of the poster presentation, including the presenter's enthusiasm and passion for the research. Based on the presentation skill the prize was selected.



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Visit of the HOI to the poster presentation area

Based on the jury selection the following staffs and students of JSSAHER, Mysuru have received the following prizes.

Diploma I place

Dr. Meenakhi S. JSS Dental College, Mysuru

Diploma II place

Mr. Deepak Vasudevan S, Department of Pharmacology, JSS College of Pharmacy, Ooty

Dr. T. Durai Ananda Kumar, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ooty

Diploma III place

Ms. P. Divya Bhargavi, Department of Pharmacognosy, JSS College of Pharmacy, Ooty

Mr. Vishnu Kumar M, Department of Pharmacognosy, JSS College of Pharmacy, Ooty

Mr. Asem Veeves Singh, Department of Pharmacology, JSS College of Pharmacy, Ooty