

Oral Presentations

- OP01 **K. Suguna and B. Renu Dixit**
An overview on traditional uses and a review on pharmacological actions of plant kadali (*Musa paradisiaca* linn.)
- OP02 **A. Sreedevi, M. Haseena, P. Syamala and K. Sai Sruthi**
Comparative assessment of extraction methods on chemical composition and evaluation of in vitro anti-oxidant activity of ethanol extract of seeds of *Sorghum bicolor*
- OP03 **K. Sridevi, G. Venkatesh, M. Sumanth, P. M. Ravikumar and K. Vijayalakshmi**
Isolation, screening and exploitation of plant growth promoter activity of pectinolytic bacteria (*Bacillus megaterium*) from the Mango fruit yards
- OP04 **D. Harika, M. Nagaraja and Usha Kalawat**
RSV detection in pediatric patients presenting with influenza like illness during 2017 influenza outbreak
- OP05 **Punya Kumari, B. Ramadevi, B. K. Sudhakar, G. Gangaraju and U. Vinod**
Calpastatin (Cast) gene polymorphism in Nellore sheep
- OP06 **D. Rani Prameela, P. Veena, N. Manga Devi, P. Sudheer and D. Sreenivasulu**
Molecular diagnosis of *Bovine papillomatosis* in cattle and successful management with autogenous vaccine
- OP07 **V. Kalarani, V. Sumathi, T. Hema latha, N. Harika, J. Rajya Lakshmi and P. Mounika**
Assessment of phylogenetic relation among gut microbes isolated from *Labeo rohita*
- OP08 **G. Narasimha**
Silver Nanoparticles taken us into Next Generation Antibiotics?
- OP09 **Shaheen Begum**
3D-QSAR studies on Fabi inhibitors; significance of aromaticity
- OP10 **K. Swathi and M. Chaithanya**
Cheminformatics: principle and applications
- OP11 **S. K. Arifa Begum and K. Bharathi**
In silico studies of Thiazolidine-2, 4- azaglyciny dipeptides: Focus on bioavailability and their protease inhibition potency
- OP12 **N. Vinod Kumar, Y. Sriharsha, B. Sridevi, R. K. Chaitanya and A. Karthik**
Phylogenetic analysis of *LktA* gene of *Fusobacterium necrophorum* from foot rot affected sheep of Andhra Pradesh
- OP13 **D. Mamilla and E. Mamidala**
In silico evaluation of compounds from *Hypericum perforatum* for anti-HIV activity
- OP14 **U. Vinod, B. Punyakumari, R. Vinod and G. Gangaraju**
Molecular characterization of punganur breed of cattle
- OP15 **P. Mahitha**
Sustain release pellets
- OP16 **C. H. Indhravathi, V. Hindu, K. Reka Rani, R. Usha**
SSR marker based genetic diversity analysis of rice (*Oryza sativa L.*) varieties
- OP17 **M. Nawaz**
Design of pH independent release mucoadhesive pellets of miconazole nitrate for treatment of vaginal candidiasis

- OP18 **C. H. Venkata Prasad and J. Pramoda Kumari**
Histopathological and Biochemical Effects of Acute Oral Tramadol Drug Toxicity on Brain, Liver and Kidney of *Rattus norvegicus*
- OP19 **P. Raj Kumar, K. Jyothi and G. Shamitha**
Prevalence of Nematode Infections in Warangal District
- OP20 **M. Keerthana and M. Vidyavathi**
Enzyme kinetic studies of fungal biotransformation of chlordiazepoxide
- OP21 **V. Anitha Kumari and K. Bharathi**
Prediction of p-glycoprotein permeability of 2, 5-substituted 1, 3, 4- oxadiazoles; a probable key for their potential cytotoxicity
- OP22 **M. Shivakumar and S. Shilpa**
Proteomics approach in identification of potential vaccine candidate proteins in *Ureaplasma urealyticum*
- OP23 **K. Vasudha, A. Meghapriya, S.B. Sainath and B. Kishori**
Ameliorative effects of testosterone against cypermethrin induced repro-toxicity in adult male rats
- OP24 **N. S. Meera and M. Charitha Devi**
Characterization of probiotic lactic acid bacteria from raw milk
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Anti-inflammatory activity of drugs in reduction of edema in rats paw
- OP26 **K. Sreedhar Naik, D. Rajasekhar, V. Vanajakshamma, P. Santhosh Kumar and P.V.G.K Sarma**
Genetic Polymorphism of LTA, BAT1 and NFKBIL1 genes in patients with Myocardial infarction (MI)
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- OP28 **Davella Rakesh and E. Mamidala**
In silico Molecular Docking Studies of compounds from Rumex vesicarius against GFAT1
- OP29 **P. Prachi Parvatikar, B. Shivkumar Madagi and A. Umamaheswari**
Identification of effectual inhibitors against human TG2 through multiple docking strategies, molecular dynamics simulations and *in vitro* assay
- OP30 **K. Roshan Jahan, V. Chandra Rekha and V. Kalarani**
Impact of two prebiotics on immunostimulatory role of diet supplemented probiotic in a fresh water fish, *Labeo rohita* challenged with *Aeromonas hydrophila*
- OP31 **D. Lavanya, M. Niranjan Babu**
Estimation of vitamin-c and phytochemical screening of *Brassica oleracea* botrytis
- OP32 **N. Lekhya Sri, D. Ranganayakulu and M. Venkateshwarulu**
Theoretical assumption on femoro acetabular impingement with herbal medicine
- OP33 **P. Santhosh Kumar, C. Chandrasekhar and P.V.G.K. Sarma**
Novel mutations in the kinase domain of BCR-ABL gene causing imatinib resistance in chronic myeloid leukemia patients
- OP34 **Shaik Masthani Sahiba and K. Thamizhvanan**
Virtual screening of stilbene analogue and *in silico*, *in vitro* antiprotozoal evaluation of lead molecules
- OP35 **E. Sashidhar Reddy and J. Rajeswari**
Design and *in silico* analysis of a novel peptide and natural molecules against $\alpha 5$ integrin-actin complex
- OP36 **Sharon Priya Alexander**

- OP37 **V. Siva Ganesh, B. Pushpa Kumari and D. Ranganayakulu**
Evaluation of antidepressant like activity of (-)- fenchone in chronic unpredictable stress induced depression like behaviour in rat model
- OP38 **M. Vani and P. Uma Maheswari Devi**
Docking potential of bioactive lipids against glucose transporters
- OP39 **G. Sharth Chandra and E. Mamidala**
Analysis of anti-HIV properties of *Cannabis sativa* compounds by in silico docking studies
- OP40 **R. V. Srinivasa, K. Sudheer Kumar, P. Chiranjeevi, A. Umamaheswari, S. Kapur, C. Venkata Rao**
Pharmacophore modelling, Docking and Molecular dynamic simulations of some hypothetical *in silico* designed thiazolidine-2,4-dione derivatives against Peroxisome Proliferator Activated Receptor-Gamma (PPAR- γ)

Poster Presentations

- PP01 **D. Swapna, K. Sudheer Kumar, A. Umamaheswari and G. Rajitha**
Synthesis molecular docking studies and biological evaluation of thiazolidine-2,4-dione based quinazolinone derivatives for antidiabetic and antiinflammatory activities
- PP02 **Manoj Kumar Gupta and Ramakrishna Vadde**
In silico identification of natural product inhibitors for γ -secretase activating protein, a therapeutic target for Alzheimer's disease
- PP03 **K. C. Mounika and M. M. Kesavulu**
Molecular modelling and theoretical studies to study the function of nucleoprotein of Zaire Ebola virus
- PP04 **S. Sri Harsha, P. Parvathi Priyanka, P. Chiranjeevi, K. Sudheer Kumar, N. Ravina Madhulitha, Sharon Alexander, V. Umakanth Naik, P. Sivaranjani, P. Bhuvaneshwari and A. Umamaheswari**
Identification of novel potential inhibitors against homoserine dehydrogenase of *H. pylori* through screening, docking, molecular dynamics and ROC metrics
- PP05 **D. Susmitha, G. Preethi, M. Asha Latha and M. Niranjan babu**
Recent advances and development of orphan drugs
- PP06 **L. Parinaya Sri, S. Santhoshi Kumari, J. Sambrajjam and G. Rajitha**
Synthesis molecular docking studies and biological evaluation of Naphthyl-N-Acyl hydrazonederivatives for antiinflammatory activity
- PP07 **P. Nageena, P. Vineetha and M. Niranjan babu**
Role of natural products as anti-HIV agents
- PP08 **L. S. Divya**
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- PP10 **K. Swathi and K. Pavani**
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- PP11 **M. Vidyavathi and P. Sunanda Lakshmi**
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- PP12 **R. Rishi Gowtham, K. Sudheer Kumar, A. Umamaheswari and Usha Kalawat**
A novel approach of molecular docking simulations (MDS) in the pursuit of inhibitors against Dengue virus
- PP13 **K.S.N.M. MEGANA, D. Trinath and Y. Suneetha**

- Identification of potent inhibitors against human epidermal growth factor receptor 2: an *in-silico* approach
- PP14 **P. Siva Ranjani**
- PP15 **B. Uma Devi, R. Durga and Y. Suneetha**
In silico molecular screening studies of Quercetin-associated compounds against human HSP90: a novel approach for moderating the NSCLC
- PP16 **N. Ravi Kumar, K. Vasavi and M. Rajasekhar**
Biofabrication of silver nanoparticles and their therapeutic applications against neuroblastoma cancer
- PP17 **K. Vasavi, N. Ravi Kumar and M. Rajasekhar**
Screening and characterization of multi drug resistant bacteria in health care environment a comprehensive approach for susceptibility of multidrug resistance
- PP18 **N. Rajesh, John Elia Prashanth, J. Siva Kumar, C. Jareena Begum, and P. Osman Basha**
Transcriptional Profiling of High-Beta Carotene mutant with overproduction of β -carotene
- PP19 **P. Bhuvaneswari, K. Sudheer Kumar, P. Chiranjeevi, N. Ravina Madhulitha, Sharoon Priya Alexander, P. Siva Ranjani, V. Umakanth Naik, S. Sri Harsha and A. Umamaheswari**
Design of novel antagonists against FabZ of *Streptococcus pneumoniae* through virtual screening and docking studies
- PP20 **M. Balaji and Ghali E N Hanuma Kumar**
In vitro radioprotective and immunomodulatory activity of ethanolic extract of *Pterocarpus santalinus* heartwood in murine splenocytes
- PP21 **A. M. Padmalatha, R. Rishi Gowtham, N. Umapathi and Usha Kalawat**
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Aqueous extract of *Balanites roxburghii* demonstrates potential anti-obesity activity in high fat diet induced obese C57BL/6J mice
- PP23 **V. Bhargavi and D.V.R. Sai Gopal**
Phylogenetic analysis of Coat protein region of Zucchini yellow mosaic virus (ZYMV) infecting Gherkin in Chittoor district of Andhra Pradesh
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Prenatal exposure of baicalein induced prolonged estrus and perturbed fertility output upon in female mice
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A Review On Infectious Disease Urinary Tract Infection
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