

**Research and Development Division****Raghavendra Institute of Pharmaceutical Education and Research (RIPER) - AUTONOMOUS**

NBA (UG) &amp; 'NAAC' Accredited and Accorded 2f and 12B Status of UGC Act' 1956

(Approved Research Centre by JNT University Anantapur)

**Research Publications – Year 2018****&****Scientific abstracts****(January 2018 to Dec 2018)**

S. No	Name of the Dept.	Number of Publications
1	Dept. Of Pharmaceutics	5
2	Dept. Of Pharmaceutical chemistry	7
3	Dept. Of Pharmacology	2
4	Dept. Of Pharmacognosy	10
5	Dept. Pharmacy Practice	7
6	Dept. Of Pharm. Analysis / Quality assurance	6
	TOTAL	37
	Scientific abstracts	48

### Department of Pharmaceutics

A. Sudheer, C. Sowmya, C. Suryaprakash Reddy, E. Bhargav, S. Chennakesavulu, A. Mishra. Pulmonary delivery of liposomal dry powder inhaler formulation for effective treatment of idiopathic pulmonary fibrosis. *Asian Journal of Pharmaceutical Sciences* 13, 2018; 91-100.

Bindu Vani Y, Haranath C, Surya Prakash Reddy C, Bhargav E, Formulation and in vitro Evaluation of Piroxicam Emulgel, *Int. J. Pharm. Sci. Drug Res*, 2018, 10 (4): 227-232. ISSN: 0975-248X; DOI:10.25004/IJPSDR.2018.100404

K Arshad Ahmed Khan, A Aswini, B Srinath, C Suryaprakash Reddy, Design and Development of Paliperidone Liquisolid Compacts to Enhance Solubility, *Inventi Rapid: Pharma tech* 2018, (4), 1-5. ISSN: 0976-3783.

Nirosha Manyam, Kishore Kumar Reddy Budideti, Surendra Mogili, Formulation and in-vitro Evaluation of Nanosponge Loaded Extended Release Tablets of Trimethoprim. *UPI Journal of Pharmaceutical, Medical and Health Sciences*, 2018; 1(1): 78-86 .

S. Sai Vikas, M. Nirosha, T. Pragna D. Shakeer, L. Chandana, D. Tarun, Dissolution Enhancement of Racecadotril by using In-situ Micronization Technique. *International Journal of Medicine and Pharmaceutical Research*, 2018, 6(3):91-95. ISSN: 2321-2624

T. Pragna, M. Nirosha, S. Sai Vikas, D Tharun, K. Pavan Kumar, Formulation and Characterization of Amiodarone Liquisolid Compacts, *International Journal of Pharmacy and Natural Medicines* 2018, 6(1): 51-55. ISSN: 2321-6743

### Department of Pharmaceutical Analysis

Sai Keerthana B, Peraman R, Jahnavi B, Padmanabha Reddy Y, Lava kumar B, Development of selective stability Indicating HPLC - DAD method for determination of Milrinone and its degraded products, *Manipal Journal of pharmaceutical Sciences*, 2018, Vol 4: Issue 1;4-10

Naresh Babu C, Mounika P, Mounika Bai R, Sai Keerthana B, Triveni S, Vijaya Jyothi M, A green approach for quantification of Naproxen in bulk and oral dosage form by FT-IR method, *International Journal of Research in Pharmaceutical Sciences*, 2018 Feb 19; 9(1): 189-193. ISSN: 0975-7538; DOI: <https://doi.org/10.26452/ijrps.v9i1.1236>

KV Lalitha, J Raveendra Reddy and N Devanna, Stability indicating RP-HPLC method development and validation for estimation of Sofosbuvir in pharmaceutical dosage form. *The Pharma Innovation Journal*, 2018; 7(5): 656-662. ISSN: 2277-7695.

Rajesh Reddy, Ramalingam Peraman, SubbaRao Dakinedi, Stability indicating RP-HPLC method for quantification of Edoxaban tosylate, *International journal of research in pharmaceutical sciences* 2018. 9 (2): 314-320. ISSN: 0975-7538. DOI: <https://doi.org/10.26452/ijrps.v9i2.1463>

K. Vinod Kumar, Hemraj Sharma, Hari Prasad Sapkota, Shakti Shrestha, Evaluating the effect of drying for estimation of thiamine and iron contents in various food products by different analytical methods, *Journal of Nepal Pharmaceutical Association* 2018, 28 (1), 17-23. eISSN 2091-0800;

Vijaya Jyothi M, Bhargav E, Keerthana B, Varalakshmi Devi K, RP-HPLC method development and validation for the simultaneous estimation of Irinotecan hydrochloride and Capecitabine in Active Pharmaceutical Ingredients (APIs), *International Journal of Research in Pharmaceutical Sciences*, 2018, 9(1); 63-67. ISSN: 0975-7538; <https://doi.org/10.26452/ijrps.v9i1.1175>

## Department of Pharmaceutical Chemistry

Vijaya Jyothi M, A Sudheer, E Bhargav, Ravi Prasad Rao, C Naresh babu, P Vasima Nazneen, B Pradeep Kumar, S Salamma, in vitro & in vivo antioxidant and hepatoprotective potential of caralluma adscendens var. Attenuata against ethanol toxicity Indo American journal of pharmaceutical sciences, 2018, 05 (04), 2541-2549. ISSN: 2349-7750; <http://doi.org/10.5281/zenodo.1219717>

Ramalingam Peraman, Amit K. Tiwari, M. Geetha Vani, J. Hemanth, Y. Geetha Sree, K. Karthik, Charles R. Ashby Jr, Y. Padmanabha Reddy, Raghuvver V. Pemmadi. New camphor hybrids: lipophilic enhancement improves antimicrobial efficacy against drug-resistant pathogenic microbes and intestinal worms. Medicinal Chemistry Research, (2018) 27: 1728. <https://doi.org/10.1007/s00044-018-2186-9>

Raghuvver Varma P, Purna Nagasree K, Sangeetha G, Risy Namratha J, Murali Krishna Kumar M. Microwave assisted synthesis and SAR studies of novel hybrid phenothiazine analogs as potential antitubercular agents. Indian Journal of Chemistry, April 2018, 57B: 556-566.

Manjoor A.S.; Y Padmanabha Reddy; Chandrasekhar KB, Molecular docking study of some novel imidazo [2,1-b] [1,3,4]-thiadiazole derivatives, Journal of Pharmaceutical and Scientific Innovation 2018, 7(3), 61-65. ISSN: 2277-4572; DOI: <http://dx.doi.org/10.7897/2277-4572.07382>

Manjoor A.S.; Y Padmanabha Reddy; Chandrasekhar KB. Design, one pot synthesis and Biological Evaluation of Imidazo[2,1-b][1,3,4]thiadiazole derivatives for their anti-tubercular and anti-fungal activity, Journal of Applied Pharmaceutical Science, 2018, 8(7), 21-27. ISSN: 2231-3354; DOI: 10.7324/JAPS.2018.8704

Triveni Singirisetty, Naresh Babu Chilamakuru, Vijayajyothi Mallela, Kona Prathyusha, Molecular Docking Studies of novel Quinazoline-2-imine derivatives as Potential Anti-inflammatory Agents Against TGF Beta Receptor Type 1 UPI Journal of Pharmaceutical, Medical and Health Sciences, 2018; 1(1): 87-100

Vijaya Jyothi M, Bhargav E, Pavan Kumar K, Praneeth Goud K, Ram Pavan S, Evaluation of Antioxidant and Anthelmintic activity of methanolic flower extract of Nyctanthes arbor-tristis, International Journal of Research in Pharmaceutical Sciences, 2018, 9(1); 78-91. ISSN: 0975-7538; <https://doi.org/10.26452/ijrps.v9i1.1177>

## Department of Pharmacology

Vijaya Jyothi M, A Sudheer, E Bhargav, Ravi Prasad Rao, C Naresh babu, P Vasima Nazneen, B Pradeep Kumar, S Salamma in vitro & in vivo antioxidant and hepatoprotective potential of caralluma adscendens var. Attenuata against ethanol toxicity, Indo American Journal of Pharmaceutical Sciences, 2018, 05 (04), 2541-2549.

A. Sudheer<sup>1</sup>, T. Srinath Reddy<sup>1</sup>, Y. Padmanabha Reddy, S. Nagarjuna<sup>1</sup>, B. Pradeep Kumar<sup>1\*</sup>, K. Somasekhar Reddy<sup>1</sup>, P. Likitha Sree Cardioprotective activity of Flavonoid fraction isolated from leaves of *Gymnema sylvestre* on Doxorubicin induced Cardiac damage in rats, Journal of Young Pharmacists, accepted. DOI: 10.5530/jyp.2017.9.95

## Department of Pharmacognosy and Phytochemistry

J Asha, MVNL Chaitanya, K Elango, V M SubbaRao. *Tricaproin Isolated from Simarouba glauca Inhibits the Growth of Human Colorectal Carcinoma Cell Lines by Targeting Class-I Histone Deacetylases.* *Frontiers in Pharmacology*, 2018;9:127. Doi: 10.3389/fphar.2018.00127

M.V.N.L.Chaitanya & P. Suresh. *The Neglected Anticancer Phytoceutical Treasure from the Nilgiris Biosphere: A Short Review*, *Journal of Pharmaceutical Research International*, 2018;22 (1): 1. ISSN: 2456-9119; DOI: 10.9734/JPRI/201840529

M.V.N.L. Chaitanya, P. Suresh, P Dhanabal , S Jubie. *Human Topopoisons From Weeds : A Review.* *Current Traditional Medicine.* 2018;4:15; ISSN: 2215-0846/18; DOI: 10.2174/2215083804666180123153001

M. V. N. L. Chaitanya & P. Suresh. *The Medicinal Flora in Gurunanak School of Pharmacy, Gnitc, Ibrahimpatnam, Hyderabad, Telangana, India: A Research Based Review.* *Global Journal of Medical Research ( B )* 2018; 18 (2): 23. ISSN: 2249-4618;

MVNL Chaitanya .*Compassion: The Powerful Healing Therapy Against Breast Cancer.* *Journal of Psychology and Brain Studies* 2018; 2(2):9

MVNL Chaitanya. *Traditional Concepts in Understanding Cancer.* *Journal of phytochemistry and Biochemistry .* 2018; 2,2

MVNL Chaitanya. *The Hidden Therapies in Cancer Cure.* *Journal of phytochemistry and Biochemistry*, 2018, 2: 1

MVNL Chaitanya. *Preformulation And Standardisation of Polyherbal (In House Made) Tablet Formulation For . Treatment of Insomnia And Anxiety: A Traditional Based Modern Preclinical Study.* *Journal of Innovation in Pharmaceutical Sciences.* 2018; 1(3): 14

Veerabhadrapa K. V., Raveendra Reddy J. *Anti-cancer activity in hepatocellular carcinoma cell line hepg2 from folklore plant.* *International Journal of Current Research*, 2018; 10(2): 65074-79 .

Kasturi Vishwanatha Setty Veerabhadrapa, *Pharmacological Evaluation of Novel Flavone from Morus Alba in Pentylenetetrazole-Induced Kindling and Oxidative Stress.* *Journal of Environmental Pathology, Toxicology and Oncology*, 2018; 37(1):43-52.

MVNL Chaitanya. *Urgent need for discovery of Natural Novel topopoisons in treatment of virus causing cancers.* *Viral immunology Journal.* 2018, 2(4), 000154.

MVNL Chaitanya, Santhivardhan Chinni, MV Jyothi and Y Padmanabha Reddy. *The importance of Quality Management System for a Successful Health Care Industry: A review based on case studies.* *Journal of Chemical and Pharmaceutical Research* 2018; 10(8): 143-149. ISSN: 0975-7384.

KV Veerabhadrapa, P Devika, D Deepti, G Gupta, G Narayana, B Pradeepkumar, Y Padmanabha Reddy. *Synergistic antiulcer activity of methanolic extract of a mixture of Cinnamon Cassia bark and Annona squamosal twigs in indomethacin-induced ulcer.* *Asian pacific journal of Health Sciences.* 2018; 5(2): 1-4. eISSN: 2349-0659; doi: 10.21276/apjhs.2018.5.2.1

## Department of Pharmacy Practice

Pradeepkumar B, Sudheer A, Srinath T, Somasekhar Reddy K, Narayana G, Veerabhadrapa KV, Cardio Protective Activity of Flavonoid Fraction of *Gymnema sylvestre* Leaves on Doxorubicin Induced Cardiac Damage, *Journal of Young Pharmacists*, 2018;10(4):483-87. DOI: 10.5530/jyp.2018.10.93

Dr.s.m.g.ishrar ,R.n,saikerthana,M.pramod sunny,N.chaithanya kumar, assessment of knowledge attitude and perception of transition of care pharmacy students in south india, *ISOR journal of nursing and health science*, mar-apr.2018,pp 48-53. eISSN: 2320-1959; DOI: 10.9790/1959-0702034853.

Dr.ishrar ,v.hemalatha reddy,mohanraj rathinavelu ,lokesh vobineni, Prescribing Pattern and Cost analysis of antihypertensives in india *Journal of Basic and Clinical Pharmacy*, Vol 4, Issue 2, April-June 2017: 94-8.

Bogireddy Sahithi ,S.M.G. Ishrar , F. Susheela , Narayana Gorantla , Pradeep Kumar Bhupalam , K.V. Veerabhadrapa , Assessment of knowledge attitude and practice towards responsible self medication among students of pharmacy colleges Located in anantapur district, Andhra Pradesh, India, *Journal of Education and Health Promotion* , Vol 7, August 2018. DOI: 10.4103/jehp.jehp\_175\_17

Goruntla N, Mallela VJ, Nayakanti D, Impact of one-dose package dispensing with patient counseling on medication adherence in geriatrics suffering from chronic disorders *CHRISMED J Health Res*, 2018;5:18-22. DOI: 10.4103/cjhr.cjhr\_78\_17

Narayana G, Suchitra MJ, Sunanda G, Ramaiah JD, Kumar BP, Veerabhadrapa KV Knowledge, attitude, and practice toward cervical cancer among women attending Obstetrics and Gynecology Department: A cross-sectional, hospital-based survey in South, Indian *Journal of Cancer*, 2017;54:481-7. DOI: 10.4103/ijc.IJC\_251\_17s

Narayana Goruntla, Govardhan Kumar Arakala, Gowthami Priyanka Nelluri, K. Naga Mounika, Srinivas Pujari, Manoj Kumar Byalla, Comparison of Efficacy, Safety, and Cost-Effectiveness of Topical Salicylic Acid 6% versus Clobetasol Propionate 0.05% in the Treatment of Limited Chronic Plaque Psoriasis, *Journal of Health Research and Reviews*, 2018;5:86-92. DOI: 10.4103/jhrr.jhrr\_3\_18

Mohanraj RM, Priyanka PT, Ishrar SMG, Sahith B, Siva Bharat G, Sasikala B. Medication Adherence and clinical outcomes towards Oral hypoglycemic agents among type II Diabetic Cohort. *Indian Journal of Pharmacy Practice*, 2018; 12(4): 147-152. DOI: 10.5530/ijopp.11.3.31

Mohanraj RM, Priyanka PT, Jaswanth Reddy V, Ismail Basha G, Jaya Agnes M, B Thomas. Responses of Healthcare providers and public towards Six Years Pharmacy Practice Program (Pharm.D) in South India. *Journal of Basic and Clinical Pharmacy*, 2018; 9: 262-269.

Mohanraj RM, Samhitha Reddy Y, Priyanka PT, Sowjanya U, Nagamani S, Sreedhar V. Quality of Life in Stroke Patients using SSQoL Scale and Barthel Index. *Indian Journal of Pharmacy Practice*. 2018; 11(1): 44-50. DOI: 10.5530/ijopp.11.1.8.