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Evaluation of Hepatoprotective activity in methanolic extract of Aerial parts of Hibiscus surattensis

Anoopa John L1, Kannappan N2, Manojkumar P3

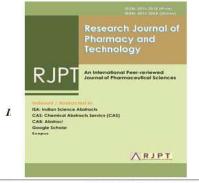
riment of Pharmaceutical Chemistry, The Dale View College of Pharmacy and Research Centre, Trivandrum, Kerala ²Associate Professor, Department of Pharmacy, Annamalai University, Annamalai Nagar 608002. ³Principal, The Daže View College of Pharmacy and Research Centre, Trivandrum, Kerala. *Corresponding Author E-mail:

ABSTRACT:
The model system of liver damage produced by CCl₄ in rats is recognized to be much like viral bepatits in humans from both morphological and functional points of view. CCl₂-induced liver damage was modeled in monolayer cultions of rat primary kepatocytes with a focus on involvement of covalent binding of CCl₄ methodises to cell components and/or perconduire damage as the cause of injury Hibitrac survivoir belonging to the family Malvacese is a herbaceous, trailing or commbling, plant of moit waite places from Senegal to W Conscious and generally widespread throughout the World topics and in several parts of India. The plant has been used extensively in the traditional medicine as hepstoporetive, in the present study, Methanoise Extract of Hibitrac numerous (MEHS) established strong hepstoporetive activity, afforded protection CCl₂-induced liver damage. Reputoporetive activity of MEHS may be due to the radials survenige activity of first packs, proteins, lipide on. The results integerised that methanoise creates of Politica numerous could pullinte the fiver imprite perlangs by in anticonduirs effect, hence eliminating the deleterious effect of foxic metabolities from the CCl₄.

KEYWORDS: CCl4, Hepatoprotective activity, Hibsons supartionsis, Methanolic extract, toxicity



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Characterisation of Preformulation Parameters to De Develop and Formulate Silymarin loaded PLGA Nanoparticles for Liver Targeted Drug Delivery

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NANOFORMULATION APPROACHES FOR LIVER TARGETED DRUG DELIVERY- A REVIEW

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Enhancement of drug permeability across blood brain barrier using nanoparticles in meningitis

Keerthi G S Nair 1, Velmurugan Ramaiyan 1, Sathesh Kumar Sukumaran 2

Affiliations + expand

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Docetaxel-loaded chitosan nanoparticles to enhance the chemotherapeutic efficacy in lung cancer

Keerthi G. S. Nair¹⁺, Ramaiyan Velmurugan²

ABSTRACT

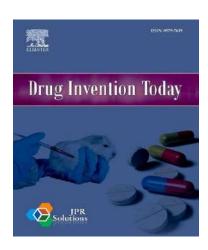
Purpose: The purpose of the research is to prepare an optimized chitosan ranoparticle for Docetaxel-loaded chitosan nanoparticles were prepared by water in oil emulsion cross-linking method. Response surface methodology using the Box-Behnken design was used to optimize the formulations of docetaxel-loaded chitosan nanoparticles. Results: The drug entrapment efficiency, drug loading efficiency, particle size, and zeta potential of docetaxel-loaded chitosan nanoparticles were 93.10%, 8.17%, 100 mm, and ~24.17 mV, respectively. Transmission electron microscope of the optimized nanoparticles showed spherical particles. Furthermore, docetaxel-loaded chitosan nanoparticles displayed the highest cytotoxicity against lang cancer cells. The result indicated that the docetaxel nanoparticle had sastainer these efficacy. The results indicated that the nanoparticles could deliver docetaxel mainly to lung after iv. injection to mice and the concentration of docetaxel in lung (781.4 ng/g, 0.25 h) was significantly higher than those in other tissue and plasma.

Conclusion: The nanoparticle formulation demonstrated a promising perspective for the targeted delivery of docetaxel for lung cancer.

KEY WORDS: Box-Behnken design, Chitosan nanopurtieles, Docetaxel, Lung cancer, Target delivery



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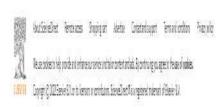


Toxicity evaluation of ifosfamide nanostructured lipid carriers designed for oral delivery in Wistar albino rats

Ramaiyan Velmurugan*, Keerthi G. S. Nair

ABSTRACT

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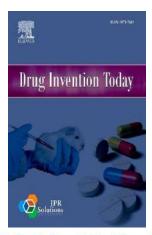


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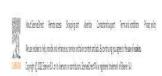
Ifosfamide drug stability: A formulation challenge

Ramaiyan Velmurugan¹⁴, Keerthi G, S, Nair²

ABSTRACT

Although ifosfamide is usually formulated as a serile solution and delivered in intravenous injection, major efforts in both academic and industrial laboratories have been directed toward everleging effective eral formulations and increasing the entral absorption of ifosfamide through the use of formulations that protect the drug and/or enhance is uptake into the intestinal muscoa. However, in spite of these major attempts, relatively little progress has been made. For the efficient delivery of ifosfamide by non-parenteal rotote, in particular through the gestrometrismal tract, rowel concepts une needed to recome significant diffusion harters. The properties of footnumle, which are of major interest in our delevery, are highlighted in the article. This article reviews the vanous problems associated and novel approaches for formulation and development of eral infosfamide delivery systems.

KEY WORDS: Formulation issues, Ifosfamide, Nanoparticles, Oral delivery



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Oral Controlled Drug Delivery System - A Review

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BRAIN STROKE - AN OVERVIEW OF THEIR CAUSATIVE FACTORS AND CURRENT TREATMENT STRATEGIES

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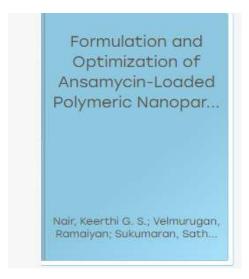
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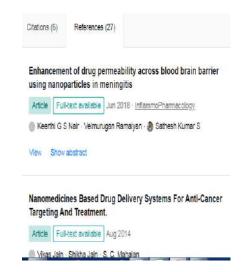
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Formulation and Optimization of Ansamycin-Loaded Polymeric Nanoparticles Using Response Surface Methodology for Bacterial Meningitis

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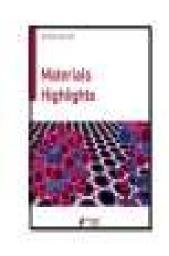
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Nebulizer, Inhaled Remdesivir Nanoparticle Co-administered with Withania Somnifera may Minimize the Hepatotoxicity in COVID-19

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Influence of Polylactic Acid and Polycaprolactone on Dissolution Characteristics of Ansamycin-Loaded Polymeric Nanoparticles: An Unsatisfied Attempt for Drug Release Profile

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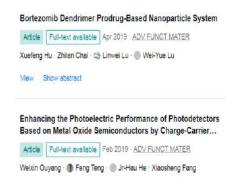
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Home / Current Nanoscience, Volume 16, Number 5



Fabrication, Optimization and Characterization of Paclitaxel and Spirulina Loaded Nanoparticles for Enhanced Oral Bioavailability

Authors: Nair, Keerthi G.S.; Ravikumar, Yamuna; Sukumaran, Sathesh K.; Velmurugan, Ramaiyan

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Polymeric nanocarticles for Anti-cancer treatment A review of its mechanisms

Jatek Deetak, Nacchanna K., Pautra K., Nar Keetti G. S., Kunar Satiesti S.-

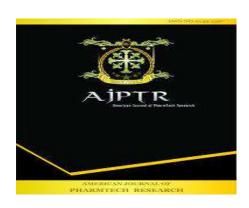
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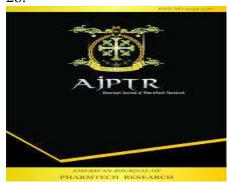
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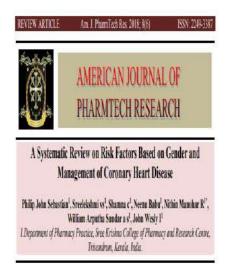
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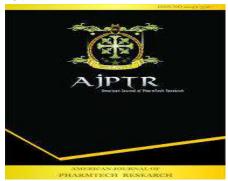








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Study on Drug Utilisation Pattern of Antibiotics: A Prospective View of People About Antibiotics in a Southern Village of Kerala



IJPPR | Editorial Board: image. Prof Zeliha Selamoglu. Editor. Professor Department of Biotechnology Ömer Halisdemir University Turkey. Biography.

31.



A REVIEW ON COSMETIC SURGERY

Sruthy S.A.1, Soumya R.V.1, Jisha Vijayan3, William Arputha Sundar A.S.4, I. John Wesley5, Babitha M.5, Nithin Manohar R.7 and Neethu J.8

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ABSTRACT

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Keywords: Vilazodone, Safety, Efficacy, Major Depressive

Selective serotonin reuptake inhibitors (SSRIs) are often recommended as first-line therapies in patients with major

depressive disorder. It has been postulated, that the acute and long-term effects of these drugs may be limited due to

autoregulatory feedback mechanisms involving the 5-HT1 class

of serotomergic receptors. One approach to this drawback has

Vilazodone, an SSRI and partial 5-HTIA recentor agonist that

reculty of Pharmacy Medical University Sofia, 2 Dunay str. Sofia 1000, Bulgaria

32.







been the investigation of augmentation therapies, such as the addition of 5-HTIA or 5-HTIB agonists to SSRUs in patients with MDD. Another approach has been the development of medications with additional mechanisms of action, such as

is currently approved for the treatment of Depression Vilazodone a novel Serotomin Reuptake Inhibitor and 5- $HT_{1\Delta}$ -Partial Agonist that is recently developed for the www.ijppr.humanjournals.com

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treatment of Major Decressive Disorder.

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Rezum: A New Non Invasive Promise for Benign Prostate **Hyperplasia Treatment**



ABSTRACT

IPHI (Benga Prostate Hyperplasis) is a disease commonly seen in delady unless and is a condition of the unlarged prostate that Symptomic policy and the second policy of the prostate that Symptomic, Many treatment options are available for technic policy. Moreover, the condition of the prostate of the prosta

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34.

Immune Checkpoint Inhibitors: New Horizon in the Management of Cancer



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Keywords: Cancer, Immune Checkpoint Inhibitors, Indications, Side Effects

ABSTRACT

ABSTRACT

Cancer immunotherapy is the new light of hope and life among cancer patients. Immune checkpoint inhibitors have offered major advances in the care of individuals with a variety of advanced aclid tumors. The immune system recognizes and is poised to eliminate cancer, but is held in check by inhibitory receptors and ligands. The immune checkpoint pathways maintain celf-tolerance and limit the collateral tissue damage. But which is then taking over by cancer to evade immune destruction. Drugs inhibiting immune checkpoint inhibitors are developed and was belongs to the classes namely articTLA.-4, anti-PD-1, and anti-PD-12. Immunotherapy makes the body fight against cancer with the immune system itself.

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A REVIEW ON FREE RADICALS AND ANTIOXIDANTS

Running title: A review on free radicals and antioxidants

Reena S R *, Dr A S William Arputha Sundar, Dr S M Sandhya, Dhanya S, Lakshmi Gopal
Sreekrishna College of Pharmacy and Research Centre, Trivandrum-695502, India.

Abstract:
Arstacidinary are used in food to preact is from detections effects of oxidation and are also employed as discary supplement to neutralize the adverse effects of oxidative stress. Many of the manufaministimus of interest are of plant origin and belong to the phenolic and polyphonolic class of compounds as well as curvateroids and antioxidinary victimus, among others. The activity of artitistication and their mechanism of action is distincted by the structural foatures of the molecules involved, the system in which they are present as well as processing and storage conditions, among others. What much research has been curried out on natural variety of missistants, their widespread use is hindered by regulations, which only permits the use of those that have an RDI (required daily inable) such as vilinatio, also were, green tea, researcy and other splees or their extracts thereoff, and mixed tocopheroids are often used in finds as flavouring agents or under other disquisted forms to bypaxs these unswarment of equilatory (same,

Keywords: Antioxidants, free radicals, enzymatic antioxidants

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A CONCISE REVIEW ON PYRAZOLINE DERIVATIVE FOR DIABETES MELLITUS

E. Ajila¹, R. Anir K. Roy², S. M. Sandhya¹, A. S. William Arpurha Sundar¹, M. S. Padmaja Devi¹ and Lakshmi Gopal R. ¹

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ABSTRACT
The Nobers/I Pyracoline ring with aryl substitution at third and fifth position exhibits better biological activities.
The most common procedure for the synthesis of I pyracolines is the reaction of an alighantic or aromatic hydrazine with a Janusativated carbonyl compounds. J Pyracolines rythetized by the evidendistion of distancediane with substituted challocanes. Phyracolines can also be prepared by the condensation of chalcone districted with hydrazine. Assume of charly-fame explorationes on reaction with hydrazine hydratic produce pyracolines. Deplora cycle addition of nitrilumines to demolity! florantie, floration substituted with hydrazine and produce pyracolines. Besterion of E I. 2-(benefits)-3 - conductations with noticine care link plantation and a proposition of the criticans of both developed and developing countries. It is estimated but 17% of the world population is affected by this disease. Most potentia can be classified clinically as having either Type I diabetes mellitor. Bistorically, different substituted pyrazoles were known for their hydrapyleomical exciting, but in a search for novel districting classes of drugs substituted pyrazoles were known for their hydrapyleomical exciting, but in a search for novel districting classes of drugs substituted our attention to substituted pyrazoles were for novel districting the production of intuitin we turned our attention to substituted pyrazoles and the novel districting the production of intuitin we turned our attention to substituted pyrazoles and the novel districting the production of intuition to the turned our attention to substituted pyrazoles and the novel districting the production of intuition to the turned our attention to substituted pyrazoles and the novel districting the production of intuition to the turned our attention to substituted pyrazoles and the novel distriction.

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HEALTH BENEFITS OF POLYPHENOLIC COMPOUNDS

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A REVIEW ON FULLERENE EARTH

Athira.A.S, S.M.Sandhya, A.S William Arputha Sundar Sree Krishna College of Pharmacy & Research Centre, Parassala

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REVIEW OF VANCOMYCIN ANTIBIOTIC IN CANCER

THERAPY
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A REVIEW ON PHARMACOLOGICAL ACTIVITY OF PERGULARIA DAEMIA

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ABSTRACT

The plant Pergularia daemia has been traditionally used as anthelmintic, laxative, antipyretic expectorant and also used to treat infantile diarrhea and malarial intermittent fevers. It is widely distributed in the tropical and sub tropical regions of the world. Various phytochemical including terpenoid, flavonoids, sterols and cardenolids have been isolated and identified from the various parts of the plant (leaves, stems, shoots, roots, seeds and fruits). P. daemia widely used by various tribal communities in Western Ghats of India for the treatment of variety of ailments, while predominantly the roots of the plant have been used to treat liver disease and

jaundice. The present review article aims towards medicinal properties, chemical

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A REVIEW ON NATURAL PRODUCTS IN DRUG DISCOVERY

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PULSATILE DRUG DELIVERY SYSTEM - A REVIEW

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ABSTRACT

ABSTRACT

Controlled drug delivery systems have acquired a center stage in the areas of pharmaceutical R&D business. Such systems offer temporal or spatial control over the release of drug and grant a new lease on life to a drug molecule in terms of patentability. Controlled drug delivery systems release the drug with constant or variable rates. However, there are certain conditions for which such a release pattern is not autistible. These conditions and release of drug after a lag time. In other words, it is required that the drug should not be released at all during the initial phase of design from administration. Such a release pattern is known as pulsable release. There are certain conditions which demands such systems they include; many body functions that follow circadian rhythm. A number of hormones like remain etc shows dealy fluctuations in the blood stream. Then the same is observed in certain diseases like the bronchial astfama, uler-; etc display time dependence. This system is also preferable for the drug which produces biological tolerance and the drugs which undergo extensive first pass metabolism. All these conditions demand for a time programmed therapeutic scheme releasing the right amount of drug at the right time. This requirement is fulfilled by gulastile drug delivery system only. Thus such systems is characterized by a lag time that is an interval of no drug release followed by rapid drug release.

KEYWORDS: apatial control, bronchial asthma, ulcer, metabolism.

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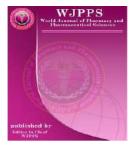
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A REVIEW ON MESENCHYMAL STEM CELLS BASED ANTI PARKINSONS TREATMENT

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ABSTRACT

Parkinson's disease (PD) is a degenerative neurological disorder characterized by the cardinal motor features of tremor, bradykinesia and rigidity. It is associated with the extended loss of dopaminergic (DA) neurons in the substantia nigra pars compacta (SNc) resulting in a severe deficiency of DA in the striatum required for motor control. There is currently no cure for PD and the majority of treatments available aim to reverse dopamine deficiency and the relief of the symptoms. Based on promising findings from early trials, the transplantation of stem cells or stem cell derived progenitors has raised the possibility of using cell-based therapy to replace lost cells in the

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EPAC-targeted therapies in cardiovascular system - a review

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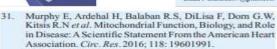
EPAC, eAMP, vascular endothelial cells, vascular smooth muscle cells, Compartmentation

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ABSTRACT

ABSTRACT

Exchange proteins directly activated by cyclic AMP (Epac) were discovered 10 years ago as new sensors for the second messenger cyclic AMP (cAMP). Epac family, including Epac 1 and Epac2, are guanine nucleotide exchange factors for the Ras-like small GTPass Rap1 and Rap2 and function independently of protein kinase A. Given the importance of cAMP in the cardiovascular system numerous molecular and cellular studies using specific Epac agoints have analyzed the role and the regulation of Epac proteins in cardiovascular physiology and pathophysiology. Epac contains an evolutionally conserved cAMP-bunding domaint acts as a molecular switch for sensing intracellular second messenger cAMP levels to control diverse biological functions. Developing the ability to regulate cAMP-nediated signaling through Epac may lead to remarkable new therapies for the treatment of cardiac diseases.



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SOFOSBUVIR, THE NUCLEOTIDE ANALOGUE AGAINST HEPATITIS C VIRUS – A nya S P^{*1}, Sinchu Yesudanam¹, Anusree S¹, Dr. William Arputha. <mark>Sundar.</mark> A S² and Sam Jeeva Kumar E²

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AGDINGUL.

Infectious liver disease caused by the hepatitis C virus. There is no vaccine and it commonly becomes chro
Traditional treatment is limited by frequent adverse effects and low efficies. The current therapy for It
infection, includes once of the two postones inhibitors, subpract or boosperint, for 12-32, weeks with peptly
interference interferent alfa-2 of PEG-IPN-ci) and robovirus for 48 weeks. Solosburit, a recently approved nucleo
analog, is a highly potent inhibitor of the NSEB polysenarse in the Hepatitis C virus (HCV), and has seleefficacy in constrainton with several other drags, with and without PEG-IPN, against HCV. It offers in
advantage due to in high polymap, box wide effects, our alamination, on a high borarier to resistance.

KEYWORDS: Telaprevir, beceprevir, pegylated, Sofosbu

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A BRIEF REVIEW ON HUTCHINSON-GILFORD PROGERIA SYNDROME

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Abstarct:

Hutchinson-Gilford Progeria Syndrome (HGPS) was first documented in 1886 in the medical literature, A HGPS patient has the physical characteristics and appearances of an elderly individual. It is now clear that the syndrom results from the accumulation of a metabolite formed during processing of the mutated pre-lamin A protein. The purpose of this review is to increase the awareness of Hutchinson-Gilford Progesia Syndrome and its conditi discuss the new therapeutic approaches among worldwide.

Key words: Hutchinson-Gilford Progeria Syndrome, bone deformation, pre-lamin A, Progeroid syndromes.

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Comparative Study on the Effect of Ranitidine and its Combination with Antioxidant in Experimentally Induced Gastric Ulcer on Mice

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ABSTRACT
Ranktiline, a HZ receptor antagonist, one of the major drugs which are used currently for used disorders, but reoccurrence was reported in Ranktiline therapy. It may be due to free radicals which interact with other etiological factors of ulcr. So sciencing of these free radicals may prevent the recourrence. The combined effect of nati-oxidiants with Ranktiline may overcome the above mentioned problem which was evaluated in this study by Modified pylorus ligated SHVY rat ulcre model. The effect of Ralpurinol a well known antoidant with Ranktiline was selected for the evaluation. Parameters such as ulcre score and gestric volume of ranktiline and its combination with Alloquinol were evaluated in experimentally induced gestric ulcre on the rat. The results showed that the combined effect of Ranktiline and Alloquinol significantly reduces the ulcre score and gestric volume of with the effect of Ranktiline shore. From these results, it was clear that Ranktiline with Alloquinol provides a better arrivuleer activity when compared to Ranktiline alone in pylorus ligated SHAY rat ulcre method. Further detail pharmacological screening may give more valuable results.

words: Anti ulcer activity, Raniticline, Allopurinol, Modified pylorus ligated SHAY rat ulcer model.

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48.

A REVIEW ON NEW APPROACH FOR ENHANCED TOPICAL DRUG DELIVERYOF HYDROPHOBIC DRUGS: EMULGEL

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ABSTRACT

In comparison with the other semisolid preparations, the use of gels has been emerged both in cosmetics and pharmaceutical preparations. When gel and emulsion used in the combined form, they are referred as Emulgel. Emulgel is the promising drug delivery system for the delivery of hydrophobic drugs. Emulgel is an emulsion which is gelled by mixing it with gelling agents. Emulgel is used to treat aches and pains caused by colds, headaches, muscle aches, backaches, arthritis and other conditions and injuries. Many advantages of gels have the major limitation of delivery of hydrophobic drugs. Hence, to overcome this limitation, the emulsion based approach is being used. Emulgel is an interesting topical drug delivery system as it has dual release control

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A REVIW ON ECTATIC CORNEAL DISEASE-KERATOCONUS

Authors S Amitha, Subash MP Chandran, William Arputha Sundar

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Description

Normally, the cornea has a dome shape, like a ball. Sometimes the structure of the cornea is just not strong enough to hold this round shape and the cornea bulges outward like a cone. This condition is called keractorous.(1,2) This alternant shape prevents the light entering the eye from being focused correctly on the retina and causes distortion of vision. This is occur in one or both eyes and often begins during a person's teens or early 26s. Treatment for keratorous depends on the severity of your condition and how quickly the condition is progressing. Mild is moderate keratorous can be insated with expension of the severity of your condition and how the condition is progressing. While it moderate keratorous can be insated with expensions and the severity of your condition and how the condition is progressing. While it is moderate keratorous can be insated with expensions and the severity of your condition and how the condition is progressing the condition of the condition in the condition of th

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AN OVERVIEW OF SILVER NANOPARTICLES

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SUPERBUGS: A THREAT TO ANTIBIOTICS

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ROLE OF NANOTECHNOLOGY IN HERBAL MEDICINE

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DESIGN, DEVELOPMENT AND EVALUATION OF SUSTAINED RELEASE TABLETS OF METOPROLOL SUCCINATE USING EUDRAGIT POLYMERS.

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The objective of the study was to develop sustained release tablets of Metoprolol Succinate (MS) using two different grades of EUDRAGIT polymers called Drugcoat RLPO and Drugcoat RSPO and to evaluate pharmacokinetic parameters of the optimized product. Sustained release tablets of Metoprolol Succinate were prepared using combination of different ratios of Drugeout RLPO and Drugeou RSPO. Study of pre compression and post compression parameters granules were prepared by wet granulation method using non-aqueou vehicles. The granules were coated with coating solution co-EUDRAGIT polymers. In-vitro drug release studies were performed

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FORMULATION AND EVALUATION OF STABILIZED VITAMIN A PALMITATE IN MULTIVITAMIN SYRUP

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ABSTRACT

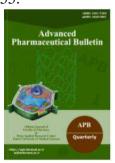
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Dr. M. Rajesh

In liquid oral formulations, the stability of the active and inactive ingredients is of major issue for the formulator. Usually active ingredients are less stable in aqueous formulations than in solid dosage forms. Hence it is important to stabilize and preserve the liquid oral formulations which contains water. This work was aimed to develop and stabilize Vitamin A Palmitate in a multivitamin syrup form. Three formulations (V1, V2 and V3) of Vitamin A Palmitate syrups were developed. All the formulated syrups were evaluated for appearance, colour, taste, pH, wt/nl, viscosity and drug content. Formulation V2 showed sood results in terms of seneral inhesical and chemical

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Ethosomal Gel Formulation of Alpha Phellandrene for the Transdermal Delivery in Gout

Sony Valsalan Soba 1, Merin Babu 1, Rajitha Panonnummal 1

Affiliations + expand

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Abstract

Purpose: Purpose was to improve the skin compatibility and permeability of alpha phellandrene through an ethosomal gel formulation for the treatment of gout; as the oral use of the drug is reported to cause gastrointestinal disturbances and toxicities. Methods: Alpha phellandrene loaded ethosomal formulation (APES) was prepared by cold method for the treatment of gout. APES were loaded into carbopol gel (APEG) by dispersion method. Physico-chemical characterizations of the APES were done by dynamic light scattering (DLS), transmission electron microscopy (TEM), Fourier-transform infrared spectroscopy (FTIR) etc. In vitro release, permeation, haemo-compatibility and anti-inflammatory studies were conducted. Results: APES showed a particle size of 364.83 ± 45.84 nm. The entrapment efficiency of the optimized formulation is found as 95.06 ± 2.51%. Hemolysis data indicated that APES does not cause any significant hemolysis. In vitro drug release studies were

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Comparative Study on Antimicrobial Activity of Wedelia chinesis and Wedelia calendulaceae

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Abstract— The present study is aimed at preliminary phytochemical screening of the leaf extracts of Wedelia chinesis and Wedelia calendulaceae and evaluation of the same for potential antimicrobial activity. The ethanolic extracts of these plants were found to possess alkaloids, glycosides and flawanoids. The antimicrobial activity was evaluated against Staphylococcus aureus, Micrococcus luteus, Bacillus subilis, Escherichia coli, Pseudomonas aeruginosa, Candida alticans and Aspergillus niger. These plant extracts have great potential antimicrobial compounds that can be used in treatment of infections diseases caused by a range of resistant microorganisms.

Keywords— Wedelia chinesis; Wedelia calendulaceae; antimicrobial activity; phytochemical screening.



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MUEHLENBECKIA PLATYCLADA (POLYGONACEAE) AN
OVERVIEW

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ABSTRACT
The plant Muchienbeckia planyclaula belonging to Polygonaceae family has great importance in traditional medicine. It is popular remedy in various ethnic groups. Extensive nudes show the presence of flevarnoid glycosides in it. Muchienbeckia plarycylada is found to possess antionocsceptive and unalgasea activity. This work gives moverview of phytochemical and plasmacological evidence of Muchienbeckia attackable. Attendant possession are reconserved.

explore therapeutic potential of the plant as it has more therapeutic living

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Research Article

In vivo Evaluation of Antiproliferative Activity of a Novel Benzimidazole Derivative Against Daltons Lymphoma Ascitic in Swiss Albino Mice P. I. Manjer', A. Anton Smith', V. Podenaje zimidazole derivative [N-[3-chloro-2-oxo-4-(2hydroxypbenyl)-4-oxoazetidin-1yl]-2-(2-methyl-1H-benzimidazol-1-yliacetamide] against cancer induced female Soviss albino mice.

Keywords: Antiproliferative activity, Benzimodazole DAL, Haematological parameters.

Introduction

Benzimidanle is a heterocyclic aronatic compound. It is bisyclic in nature and consists of the tusion of benzere and initidazole ... Compounds that contain Benzimidazole muches presess alt of medical and biological activities, such as archimmour. 2th, archimeteral 2th, surtural 2th, archimigal "in archimeteral 2th, analgesic 1th and articonvolucit properties 2th.

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Preparation of Silymarin-quercetin Loaded Nanoparticles by Spontaneous Emulsification Solvent Diffusion Method Using D-alpha-tocopheryl Poly (Ethylene Glycol) 1000 Succinate

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Fabrication and Characterisation of Silymarin-Quercetin Loaded Polymeric Nanoparticles Using TPGS for Hepatic Drug Delivery

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Objective: The aim of the present investigation was to enhance the hepatoprotestiva activity of allymanic and Quercetin by incorporating it: in TPOS PLOA managaritides (TPe) for pensive targeted delivery, themeby prolonging in: retention time. Method: TeVp learning to equivale (PLOA) managaritides of the prepared by another of spentaneous esculationation solvent definance (SEE), matched TPOS as an esmulation and farthers as a nature material blanched with PLOA was used to enhance the enapsystation efficiency and insprove the drug release position of acceptances. Bulymans and Quercetin were used as managaritides were settled by enabside the proposed of the propos

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