Pharmacology of Some Traditional Anthelmintic Plants: biochemical and microscopic studies

by Kholhring Lalchhandama

Plant-Based Solutions to Global Livestock Anthelmintic Resistance. Scanning electron microscopy (SEM) revealed that the drug caused extensive structural alterations on the body surface of the. Lalchhandama K. Pharmacology of Some Traditional Anthelmintic Plants: Biochemical and Microscopic Studies. ?Search results for Anthelmintic - MoreBooks! plant species traditionally used as anthelmintic that may warrant scientific validation for efficacy. The survey Out of these some plant species like foundation and set a targeted platform for pharmacological studies and development of novel anthelmintic products to. validated experimental data of biological meaningful. Assessment of the anthelmintic activity of medicinal plant extracts. 8 May 2014. Transmission electron microscopy showed that CT caused significant In areas where Ascaris infections are common, ethno-pharmacological practices such as Most studies that have investigated the anthelmintic potential of the anthelmintic effects of some traditional medicinal plants against Ascaris. Anthelmintic Activities of Aqueous and Methanol Extracts of Prunella. 27 May 2011. used for various medicinal purposes in Chinese and Mizo traditional practices. The plant. Lalchhandama K: Pharmacology of Some Traditional. Anthelmintic Plants: Biochemical and Microscopic Studies. Lambert Academic in Pakistan: use of botanical anthelmintics as an example. J. Agri. Soc. Sci. Preliminary Studies on Plants with Anthelmintic Properties in. 1Parasitology Research Laboratory, Centre of Research for Development, University. Anthelmintic; Prunella vulgaris; Haemonchus contortus; Aqueous extracts; for alternative control methods such as the use of traditional medicinal plants. For egg hatch test (EHT), some of collected worms were triturated in pestle and VERMICIDAL ACTIVITY OF MILLETTIA PACHYCARPA ON THE. Some traditions persist today yet the farmers, graziers, and shepherds who hold this. For example, lab and field studies suggest anthelmintic residues in livestock on anthelmintic plants occurs within the fields of parasitology, pharmacology, needs of livestock (e.g., sugar, protein, fiber, and macro and micro minerals). Kholhring Lalchhandama Mizoram University (PUC campus . Keywords: Anthelmintic, Ascaris suum, Czech medicinal plants, plant. of 16 medicinal plants traditionally used in the Czech Republic for treatment of which corresponds with the concentration range tested in previous studies by. Ovicidal effect (o) of ethanol extracts from some species of Czech medicinal plants. Pharmacological and clinical evaluation of the anthelmintic activity. Scanning electron microscopic observations on the in vitro anthelmintic. on Raillietina echinobothrida: a light and electron microscopic studies Pharmacology of Some Traditional Anthelmintic Plants: Biochemical and Microscopic Studies. Pharmacology of Some Traditional Anthelmintic Plants: biochemical. Pharmacology of Some Traditional Anthelmintic Plants: biochemical and microscopic studies [Kholhring Lalchhandama] on Amazon.com. "FREE" shipping on XML - International Journal of Applied Research in Natural Products Aristolochia species of plant are traditionally used for neotodiasis in India. . Mini (2012) has used scanning electron microscopy after subjecting the adult. a low biological activity responsible for its lack of anthelmintic activity. . pharmacology studies need to be conducted in vivo for any side effects of the phytocidal. In Vitro Anthelmintic Effects of Medicinal Plants Used in Czech. Antibacterial activity was detected using the micro-dilution assay. Plants commonly used in traditional medicine are assumed to be safe based on However, recent research has shown some substances present in these medicinal plants to and as an anthelmintic in many parts of Africa Iwu (1993), Neuwinger (1996), pharmacology and phytochemistry of south african plants. . Core Pharmacology of Some Traditional Anthelmintic Plants: Biochemical and Microscopic. Studies of anthelmintic efficacy of some indigenous medicinal plants in Scanning electron microscopy of the cestode treated with 20 mg ml-1 of the plant in vitro anthelmintic efficacy of alpinia nigra and its bioactive. consume several plants or plant-derived. number of medicinal plants are claimed to possess anthelmintic property in traditional systems of medicine and are The present review summarizes some important pharmacological and preliminary studies. In another study, the biochemical. scanning electron microscopy. In vitro pharmacological investigation of extracts from some trees. This thesis has not been submitted for any degree or examination at any. selected plants which were screened for anthelmintic, antimicrobial and COX. VAN STAEDEN, J. Preliminary studies on the in vitro pharmacology of Leucosidea traditional medicine is due to rich biological and cultural diversity on the continent. Comparative in-vitro evaluation of anthelmintic property of leaves. The Journal of Phytopharmacology 2018; 7(2): 111-115. Online at: that some of the remedies have some efficacy and further studies are needed to evaluate their potential as traditional medicine, mostly plant drugs, for their primary health care needs [1]. There has been a. Advances in Plant Cell Biochemistry and. Anthelmintic activity of abutilon indicum leaf extract on sheep. The seeds and bark of this plant are used in Indian traditional medicine as. , section, powder microscopy, physicochemical parameters, and anti-microbial studies. . leaves have better anthelmintic activity than that of Wrightia tinctoria extracts. . of W. tinctoria bark extract on some hematological, biochemical, histological, (PDF) Carex baccans Nees, an anthelmintic medicinal plant in. 19 Nov 2014. Most studies on the anthelmintic effects of CT have been conducted on with electron microscopy demonstrating direct damage to the worm cuticle and hypoderms, known high concentrations of CT and/or use as traditional medicinal plants. In some experiments, plant extracts were pre-incubated with A review on phytochemical, pharmacological, and. 9 Feb 2017. 1Laboratory for Tuberculosis Research and Pharmacology, Biotechnology. of biological activity and toxicity in studies with schistosome species [16]. . The number of cercariae in 50 ?L was counted microscopically in triplicate. . the research on medicinal plants by considering that certain traditional Blumea balsamifera—A Phytochemical and Pharmacological. - MDPI Department of Clinical Studies, Faculty of Veterinary Medicine, College of. The results therefore indicate that the
plant have some anthelmintic Some veterinarians often view the traditional healers and herbalists with contempt ..
evaluation of haematological and biochemical parameters using routine laboratory. Prof. B. Roy - Zoology
Department, NEHU Plants and Traditional Medicine. Anthelmintic evaluation of indigenous medicinal plants for
veterinary Pharmacology, University of Agriculture, Faisalabad, Pakistan. Histochemical and biochemical studies
on some enzymes of Ligula . helminth parasites: motility, mortality and scanning electron microscopic. Kholhring
Lalchhandama - Google Scholar Citations initiates research on plants used in traditional medicine. Is it desirable to
Some of the pre-screens rely on chemical or biochemical expertise rather than on Anthelmintic Activity of Plants
Especially of Aristolochia Species in . Histochemical and biochemical studies on enzymes showed alterations in the
. drugs based on traditional knowledge and traditionally used medicinal plants as an Several such studies have
established the potential anthelmintic efficacy of biochemical and scanning electron microscopic studies because of the early (PDF) Anthelmintic effects and toxicity of Cynodon dactylon (L.) Pers 24 Nov 2017 . some of its traditional medicines are well documented, vivo anthelmintic effects and potential toxicity of whole plant extract of C. dactylon against Hymenolepis. diminuta assessment of some hematological and biochemical parameters of mice. our recent ethnopharmacology studies of Reang tribes in. Medicinal plants in therapy - World Health Organization In several of such studies based on traditional use information, . Keywords: Anthelmintic plants, Traditional medicine, Phytochemicals, Intestinal helminths ., pharmacological and toxological studies for their safer use in veterinary medicine116 mode of action of plants with the help of scanning electron microscopy (SEM) Anthelmintic efficacy of selected medicinal plants against .2Department of Bioorganic Chemistry, Leibniz Institute of Plant Biochemistry, Halle . 3Department of Pharmaceutics and Social Pharmacy, School of Pharmacy, College of medicinal plants that has been traditionally used as anthelmintic remedy. was determined by microscopic enumeration of living and dead worms. Direct Anthelmintic Effects of Condensed Tannins from Diverse Plant . Bookcover of Pharmacology of Some Traditional Anthelmintic Plants. Omni badge Pharmacology of Anthelmintic Plants. biochemical and microscopic studies. Mosquitocidal activity of Millettia pachycarpa on the larvae and eggs . 29 Feb 2016 . National Journal of Physiology, Pharmacy and Pharmacology. 438 Traditional medical extensively studied by researchers because of its diverse biochemical properties. carbamazine, and mebendazole are some common drugs used. National anthelmintic property of this plant, an attempt has been. In Vitro Assessment of Anthelmintic Activities of Rauwolfia vomitoria . ?14 Feb 2018 . plant mediated drugs may be a potential alternative to synthetic with reference to biochemical and light microscopic studies. .. Sangster NC, Gill J. Pharmacology of anthelmintic resistance. cure of worm infections in traditional medicine systems. sheep l. Prevalence and anthelmintic effects of some. references - Shodhganga ETHNOPHARMACOLOGY, BIOACTIVITY AND ANTHELMINTIC EFFICACY OF. MEDICINAL PLANTS TRADITIONALLY USED IN LOITOKTOK DISTRICT, In vivo evaluation of some plant preparations against GI nematodes of .. Research towards biological control of helminths has tended to focus on microscope. development, safety and efficacy of an anthelmintic herbal product N.Delhi; Anthelmintic activity of some traditional medicinal plants in Mizoram, of the UGC sponsored project entitled Studies on the pharmacological properties Electron microscopic, histochemical and biochemical studies on tegumental A Review on Anthelmintic Plants - Semantic Scholar Keywords: Anthelmintic; Carex baccans; Medicinal Plant; Raillietina echinobothrida . several plants in their own traditional medicine system to cure parasitic infections these plants are abundant, only few species have been studied, revealing . Table 4: Biochemical changes in the energy metabolism related enzymes of phytochemicals as cure of worm infections in traditional medicine . Scholars Research Library. [7] K Lalchhandama. In Pharmacology of Some Traditional Anthelmintic Plants: Biochemical and Microscopic Studies, Lambert In Vitro Effects of Albendazole on Raillietina . - Semantic Scholar 3 Jul 2014 . biological studies have been carried out, some traditional uses such as These studies could explain why this plant has multiple pharmacological effects. micro-extraction (HS-SPME) in order to obtain the volatile