Abstract

Allopolyherbal formulations refer to combination of allopathic drug and polyherbal formulation. The herbal plant and their derivatives are one of the most ancient forms of medical treatment used to cure the diseases and their symptoms. Although, from ancient period herbal medicines have been used effectively in treating various disorders or diseases all over world and generally considered to be less toxic and free from side effects as compared to synthetic allopathic drugs. The main reason of incorporating allopathy with herbal is to modify or explore these medicine systems for the proft of patient and to introduce it in the current medicine to improve the pre-existing therapeutics medicines for new challenges of the contemporary world. In Allopolyherbal formulations the effect of drug will be same but the side effect is overcome by the reduction of dose of allopathic drug and the combination of allopathic and herbal drug as compared to synthetic ones. Many herbal medicinal plants provide relief of symptoms comparable to that one produce by allopathic drugs. The simultaneous use of PHFs and allopathic drugs is expanding as most of the patients do not notify their medical practitioners on the adjuvant treatments.

Allopol herbal form lation; Pol herbal dr g; Allopathic erape lics; Herbal plant dr g;

Introduction

Allopol herbal form lation refers to combination of allopathic dr g and pel herbal form lation. e herbal plan and their derivati es pr metabolités are one of the oldest forms of medical treatment sed to c re the n mero s diseases and their s mptoms. Altho gh, from ancient period herbal plans are sed e ecti el far treating diseases thro gho t the orld and are considered to ha ellittle or no side e ect as compared to s nth(o)12 (tr s)- 11 s tos. Aht-1.222 Tdl(a)9 (n)4 (cien)19 (tp)-8.9. ith herbal is to modif e er thing and an thing from these medicine s stems for the beneficial of patient and to iticl de in the mainstream medicine to e tend the alread e isting therape tics thich is a ne challenges for the modern orld [1].

In Allopol, herbal form lalions the e ect of dr g ill be same b the side e ectiso ercomeb, the red clion of dose of allopathic dr gand the combination of allopathic and herbal dr g as compared to s in the lic ones. For e ample- the combination of herbal dr gs and allopathic value with the same bar of oairlee be mlid5rombinalioe

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pharmace licals are fond o be comparali el more e pensi e and prod ce ario s n anled side e ecis inspile of ha ing po erf l pharmacological action. s no ada s people are mo ing back lo oldes herbal dr gs herapies, hich are deri ed from he na re and claim o be safer (Table 1) [7].

Ayurvedic Herbals

On the basis of origin, A, r edic medicines are di ided into three classes, namel, mineral, herbal and animal. Among this, recentl, herbal form lation has achie ed great attention. According to WHO 80% of the orld's citizen mainl, lean on traditional herbal a r edic medicines for health life [8].

e chemical anal sis of herbs is f r her accomplished i ih kno ledge on the proced re of isolation, p rit cation, characterization of acti eingredients and preparation. pe. e term herbaldr g refers the plant parts (seeds, roots, bark, stem lea es, o ers and etc.) sed for preparing the medicines. E er parts of the plant are completed tilized for the di erent- di erent pharmacological action the prod ce and then r nall con erted into a herbal preparations b sing di erent methods: Decoction (K atha), Hot inf sion (Hot inf siPhantaon), Cold inf sion (Hima), Liq id e tract (Arka), Po ders (Ch rna), Resins and balsams (G gg 1), Medicated oil (Taila) etc. [9].

Toda 's n mber of pharmacologicall, acti e constit ents of the herbal remedies and their bener cial role in dr g therap, has been identified. e pharmacological acti it of herbal dr gs are mainlight of the physical constituent present in it hich are responsible for its healing propert, s ch as, tannins, sesq iterpenes lactones, terpenoids, saponins, alkaloids, a onoids, alken l phenols and phorbol esters. E en a single herb comprise of one or more phytochemicals, hich in combination orks together s nergistically in prod cing pharmacological acti it

Examples of Ayurvedic herbs with their active constituents having pharmacological activity: Arj na (Terminalia) contain saponin gl cosides, responsible for impro ing f nction of cardiac m scle and p imping activity of the heart, hile a onoids sho s antio idants action and asc far strengthening.

Single Herbal versus Polyherbal Formulation

Form lation of dr gs in A, r eda is mainl, based on 1 o concept: Use of single dr g/plan and y se of combination of more than one dr gs/plan's, hich is kno n as PHF (Pol herbal form lations). is radilional herape lic herbal approach helps in combining se eral medicinal herbal plants to bring e tra therape lic e cac, mainl kno n as ps, a a 1-7 (h)5 n as 4.9 (ra 1)-6 (h)4 (erain)455 T 0-9 ()3 (gO0 Uh irdin s-5 ()8 (oin)-5 lanleli(cin)8an

f ml9 ((n)-5 (io)12)-3 ($_{y}$ 9 (in)-5 (io)12 7)1 s-e 5 (in)-5 (io)12 49 les25 il 5

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PHFs are commonly found to possess tide therape tic range. Most of form lations sho activity e en at allo, dose and safe/e ective at high dose, this the she erisk to benefication. E ample : Diak, r a polyherbal form lation sed as high poglicemic. Joshi et al. stidy sho ed the Diak, rata high dose of 12800 mg/kg p.o. sho is no to tic symptoms p to 72 h in the experimental animals; hereas s b-active to ticity test indicates that Diak, r is safe for long term treatment at the dose of 1600 mg/kg p.o. is is in contral tilt the allopathic high poglicemic y Citation: Bisht L, Ram V (2017) Allopolyherbal Formulations and their Strategies. J Phytochemistry Biochem 1: 101.

red ces or o ercome the side e ect of allopathic d g ha ing large n mber of side e ect.