

Drugs from Natural Sources (Acacia, Indian Liquorice, Khair, Prickly Chaff Flower, Adulsa, Lasun, Ghikanvar, Neem, Boswellia Serrata Roxb, Karannja, Chakunda, Quall Grass, Airan, Zaafran, Chibud, Talmuli, Mulethi, Moolaka, Hyoscyamus Niger, Yashtimadhu, M

Description:

Natural products have played an important role throughout the world in treating and preventing human diseases. Natural product medicines have come from various materials including terrestrial plants, terrestrial microorganisms, organisms etc. Historical experiences with plants as therapeutic tools have helped to introduce single chemical entries in modern medicine. About 40% of the drugs used are derived from natural sources. Most are pure substances which are isolated from various organisms & used directly or after chemical modification. Natural products will continue to be important in three areas of drug discovery: as targets for production by biotechnology as a source of new lead compounds of novel chemical structure and as the active ingredients of useful treatments derived from traditional systems. Biotechnology will contribute more new natural products for medicinal use. Plants provide a fertile source of natural products many of which are clinically important medicinal agents. Natural products have traditionally provided most of the drugs in use. Despite the achievements of synthetic chemistry and the advances towards rational drug design, natural products continue to be essential in providing medicinal compounds and as starting points for the development of synthetic analogues. With the increasing power of screening programs and the increasing interest in the reservoir of untested natural products, many future drug developments will be based, at least in part, on natural products.

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Keywords: Drugs from Natural Sources, Plants as Source of Drugs, Plant Based Drugs and Medicines, Drugs from Natural Products, Drugs from Plants, Natural Products, Natural Products in Drugs, Sources of Drugs, Drug from Medicinal Plants, Bioactive Compounds from Natural Sources, Biologically Active Compounds from British Marine Algae, Drugs from Natural Bio Sources, Natural Products as Sources of Drugs, Medicinal Natural Products, Plant Based Natural Products, Drugs of Natural Origin, Drugs from Cannabinoi

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