



## Molecular Biology Field Has Become an Extremely Important Area for Medicinal Plant Drug Discovery

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### Introduction

"Pharmacognosy" derives from 2 Greek words, "pharmakon" or drug, and "gnosis" or data. Whereas representing a classical field of science, Pharmacognosy has undergone important amendment in recent years and nowadays represents an extremely knowledge domain science that is one among 5 major areas of pharmaceutical education. analysis issues in pharmacognosy embody studies within the areas of photochemistry, microorganism chemistry, biogenesis, biotransformation, chemotaxonomy, and different biological and chemical sciences.

Vincristine is usually recommended for acute leukemia in childhood advanced stages of Hodgkin's lymphoma, little cell respiratory organ, cervical, and carcinoma. The preceding medication came into use through the screening analysis of various healthful plants, as a result of they showed little aspect and harmful effects, were profitable, and possessed sensible rapport. A racemic mixture ( $\pm 1:1$ ) of harringtonine and homo harringtonine isolated from gymnosperm genus fortunei (Cephalotaxaceae) has been used well in China for the treatment of acute chronic myelogenous leukaemia and myelogenous leukaemia.

Most of the countries in South-East Asia Region of the United Nations agency (World Health Organization) have a heritage of ancient drugs system. The word pharmacognosy consists of 2 Greek words, that mean drug and data. during this field of science, investigator deals with the secondary metabolites found in several plants, animals, and microorganism natural sources, as an example, plant leaves, seeds, fruits, stem, roots, rhizosphere, herbs, spices, fungus, algae, corals, star fishes, jelly fishes, sponges, holothurian, ocean urchins, sea weeds, snakes venom, frogs skin, cockroaches, and lots of a lot of. Per the recent United Nations agency report, concerning eightieth of world population continues to be exploitation natural product for his or her primary attention desires. Pharmacognosy will offer safe and effective medication together with fashionable drugs system.

Its scope includes the study of the physical, chemical, organic chemistry and biological properties of medication, drug substances, or potential medication or drug substances of natural origin moreover

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