Role Of Essential Phytochemicals As Phytomedicine Of Medicinal Plants

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Plants contain many chemicals called phytochemicals having potential activity against several diseases such as cancer and metabolic or degenerative. This natural sources based on chemical is extremely important to both human beings and animals. Perspective of the these chemical constituents is to synthesize phytomedicine with herbal formulations where one or more herbs may presented in specified quantities to give the benefits as cosmetics, diagnose and to mitigate diseases. These were also used as antibiotics or analgesics and increasing use in allopathic system of medicine due to its fast therapeutic action. Many of people are still using herbal medicine because of the less side effect and gained popularity as compared to synthetic drugs. The functions of the medicinal plant and their actions within the body are also referred to as their pharmacology. These constituents are Alkaloids, Anthocyanins, Anthraquinones, Cardiac Glycosides, Coumarins, Cyanogenic Glycosides, Flavonoids, Glucosilinates, Phenols, Saponins,, and Tannins. Some phytochemicals extracted from plants also produces essential oils which are very important in medicinal botany. These oils are very complex material and may comprise 100 or more compounds. The oils have a strong antiseptic action, resin and gums are also linked with essential oils. Orientation is needed to conserve and study this wild flora of the world and its essential phytochemicals.

Biography

Dr. (Mrs.) Rameshwari A. Banjara is the Assitant Professor in the Department of Chemistry in Rajeev Gandhi Government Post Graduate College at Ambikapur, Surguja Chhattisgarh in India. She has published many articles in the reputed journals and won many certificates for her researches in the field of Bio-chgemistry Techniques.

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