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Plants derived phytochemicals and their importance in current medical practice

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Presently there has been growing interest worldwide to identify antioxidant compounds which are pharmacologically active and have minimal or no side effects for use in medical practice. There are list of plants that have ability to synthesize a wide variety of chemical compounds known as phytochemicals which are used to perform important biological functions. Many of these phytochemicals have beneficial effects on long term health when consumed by humans and can be used to effectively treat human diseases like rheumatoid arthritis, haemorrhagic shock, CVS disorders, cystic fibrosis, metabolic disorders, neurodegenerative diseases and gastrointestinal ulcerogenesis. Alkaloids, tannins, flavonoids, phenolics, terpenoid, steroid, cardiac glycoside are some of the known phytochemicals derived from plants. Here we have discussed importance of these phytochemicals in current medical practice.

Biography

Dharna Patel has completed her MBBS from Veer Narmad South Gujarat University at Government Medical College, Surat. At present she is pursuing Post-Graduate course in clinical pharmacology. She has attended many national and state level conferences.

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