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Natural Products for the Treatment of Multiple Diseases and Disorders

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Abstract

Load of diseases have been increasing day by day with increasing pollution, change in life style and adulteration of food. Besides this, human population has also been increasing and so the number of cases for various diseases. All these factors together are burdening the economy of each country every year. Another reason which is worsening the situation is the cost and effectiveness of the latest drugs we have in the market. As they are not affordable by the common people, it affects their working efficiency and so the economy of the country. Side effects caused by most of these medicines also further deteriorate the situation to another level. It has also been observed that most of the pathogens are becoming drug resistant and we need more options for the drugs and the best resource to get more and more options is nature. Plants and herbs have been used around the world for the treatment of all health conditions since ancient time. Indian has a glorious past for this tradition and our knowledge has been well documented in “Ayurveda”. The only drawback it has that it lacks experimental proofs and scientists are now trying to prove the efficacy and safety of these natural products using latest technology. The present study explores various natural products, their uses and effectiveness to treat various diseases like diabetes, respiratory disorders and neural disorders with the experimental proofs.

Keywords: Natural products; Diabetes; Neural disorders

Biography

Dr Rachana is Associate. Professor at Department of Biotechnology, IIIT Noida, UP, India. She has obtained her Masters and PhD degree from IIT Roorkee and IIT Bombay, respectively. She has many international publications, patents, books, monographs to her credit. She has been working on natural products to analyse their mechanism of action and estimate their efficacy and safety level.



Citation

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