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## Traditional Medicines Used for the Treatment of Diabetes: A Novel Strategy

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### Abstract

This review emphasizes on Traditional Medicines used in the treatment of diabetes. Diabetes is an essential human ailment bothering many from various walks of life in different countries. It is a major health problem, especially in the urban areas. Though there are a variety of approaches to decrease the ill effects of diabetes and its secondary complications, traditional medicines formulations are favored due to lesser side effects and minimum cost. It is now recognized that one of the most far reaching developments in the management of diabetes is the targeted delivery of herbal nanoparticles using nano-pumps, smart cells, nanorobots, and nanotized herbal drugs (NHDs). A list of traditional medicine have antidiabetic activity which include, *Withania somnifera*, *Momordica charantia*, *Allium sativum*, *Eugenia jambolana*, *Ocimum sanctum*, *Pterocarpus marsupium*, *Tinospora cordifolia*, *Trigonella foenum graecum*, and *Phyllanthus amarus*. Different traditional loaded nanofibers were also found to be beneficial for the treatment of Diabetes. This paper focuses on the nanotechnology with traditional medicines for effective management of diabetes

**Keywords:** Dabeties; Traditional medicines; Nanoparticles; *Withenia sominifera*; *Ocimum sanctum*

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### Biography

Deepika Bairagee has completed her M. Pharmacy from Rajasthan University, Jaipure, Rajasthan and working as assistant professor at Oriental University, Indore, Madhya Pradesh, India. She has published more than 15 National as well as International Journals. She has presented many posters in various National and International Conference. She has published 2 books and achieved awards.

### Research Interest

Bioinformatics, Proteiomics, Metabolomics.

### Joint event of World Heart Congress & Traditional Medicine 2020

Osaka, Japan- March 12-13, 2020.

### Introduction

This review emphasizes on Traditional Medicines used in the treatment of diabetes. Diabetes is an essential human ailment bothering many from various walks of life in different countries. It is a major health problem, especially in the urban areas. Though there are a variety of approaches to decrease the ill effects of diabetes and its secondary complications, traditional medicines formulations are favored due to lesser side effects and minimum cost. It is now recognized that one of the most far reaching developments in the management of diabetes is the targeted delivery of herbal nanoparticles using nano-pumps, smart cells, nanorobots, and nanotized herbal drugs (NHDs). A list of traditional medicine have antidiabetic activity which include, *Withania somnifera*, *Momordica charantia*, *Allium sativum*, *Eugenia jambolana*, *Ocimum sanctum*, *Pterocarpus marsupium*, *Tinospora cordifolia*, *Trigonella foenum graecum*, and *Phyllanthus amarus*. Different