

[NWHSU Faculty Scholarship Archive](#)

| | |
|---------------------------------------|---|
| Venue: | Doody's Book Review Service |
| Title: | Book Review: Antidiabetic potential of plants in the era of omics, Deepu Pandita, et al. |
| Date: | 2023 |
| Type: | Book Review |
| Author(s)/ Presenter(s): | Amy Schreiner |
| Abstract (or Book Review): | <p>Description: This book reviews the medical history of diabetes and discusses a variety of plants known in traditional knowledge bases to help manage the disease and its symptoms. It covers several plant mechanisms of action in relation to diabetes and discusses biotechnological advances that use plants for treatment as well as plant-based anti-diabetic medications.</p> <p>Purpose: The purpose of the book is to educate readers on the many plant resources and natural products used to treat diabetes and methods for studying the anti-diabetic activity of plants for future biotechnological use. It aims to explore how certain diabetes medications have been derived or developed from plants and how different plant varieties may offer a source of treatment. These are worthy objectives. The book provides a wealth of information including the methodology of how plants work to treat diabetes.</p> <p>Audience: The book is written for practitioners of all perspectives who want to learn about alternatives to synthetic diabetes medications. It assembles several authors and contributors, giving the publication great credibility.</p> <p>Features: The book discusses the history of diabetes and various discoveries leading to current medical treatment. It covers the alternative use of plants in treating diabetes and explains how plants and their biological effects have shaped diabetes medications. The book discusses a variety of plants from different types of healers. The tables are well organized for quick reference and clearly list the mechanisms of action of plants, including their scientific and common names. The book is also divided into sections so that readers can focus on their particular area of interest. At times, the writing is difficult to follow in relation to the organization.</p> |

| | |
|--|---|
| | <p>Assessment: The quality of the book is well-done and it is organized in a way that will enable a variety of practitioners to utilize the material. The background and use of many contributors is exceptional, and the research and dedication are apparent in this publication.</p> |
|--|---|