

1. Record Nr.	UNINA9910254160203321
Autore	Saad Bashar
Titolo	Anti-diabetes and Anti-obesity Medicinal Plants and Phytochemicals : Safety, Efficacy, and Action Mechanisms / / by Bashar Saad, Hilal Zaid, Siba Shanak, Sleman Kadan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-54102-1
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 257 p. 55 illus., 53 illus. in color.)
Disciplina	641.3 664
Soggetti	Food—Biotechnology Pharmaceutical technology Food Science Pharmaceutical Sciences/Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction to Diabetes and Obesity -- Introduction to Medicinal plant Safety and Efficacy -- Anti-Diabetic medicinal plants -- Anti-obesity medicinal plants -- Action mechanism of anti-diabetic medicinal plants -- Action mechanism of anti-obesity medicinal plants -- Anti-diabetic phytogenic natural products -- Anti-obesity phytogenic natural products -- Future trends of anti-diabetic and anti-obesity medicinal plants.
Sommario/riassunto	This work presents a systematic review of traditional herbal medicine and their active compounds, as well as their mechanism of action in the prevention and treatment of diabetes and obesity. The side effects and safety of herbal-derived anti-diabetic and anti-obesity phytochemicals are detailed in depth, and the text has a strong focus on current and future trends in anti-diabetic medicinal plants. This unique and comprehensive text is the only current book on the market focusing exclusively on medicinal plants used to combat obesity and diabetes. An introductory chapter focuses on diabetes and obesity and introduces the major causes and main treatments of this increasing

epidemic in modern society. Readers are then introduced to medicinal plants, including details on their therapeutic aspects, plus side effects and safety. Following chapters focus on anti-diabetic and anti-obesity medicinal plants, as well as phytochemical natural products in the treatment of each. The text closes by focusing on present and future trends and challenges in these medicinal plants. Anti-diabetes and Anti-obesity Medicinal Plants and Phytochemicals: Safety, Efficacy, and Action Mechanisms is a much-needed and truly original work, finally presenting in one place all the necessary information on medicinal plants used in conjunction with obesity and diabetes prevention.
