Mohd Sayeed Akhtar
Mallappa Kumara Swamy
Uma Rani Sinniah *Editors*

Natural Bio-active Compounds

Volume 1: Production and Applications

Springer

Editors
Mohd Sayeed Akhtar
Department of Botany
Gandhi Faiz-e-Aam College
Shahjahanpur, Uttar Pradesh, India

Mallappa Kumara Swamy
Department of Biotechnology
East West First Grade College of Science
Bengaluru, Karnataka, India

Uma Rani Sinniah
Department of Crop Science
Universiti Putra Malaysia
Serdang, Selangor, Malaysia

ISBN 978-981-13-7153-0 ISBN 978-981-13-7154-7 (eBook)
https://doi.org/10.1007/978-981-13-7154-7

© Springer Nature Singapore Pte Ltd. 2019
This work is subject to copyright. All rights are reserved by the Publisher, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other physical way, and transmission or information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed.
The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.
The publisher, the authors, and the editors are safe to assume that the advice and information in this book are believed to be true and accurate at the date of publication. Neither the publisher nor the authors or the editors give a warranty, express or implied, with respect to the material contained herein or for any errors or omissions that may have been made. The publisher remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

This Springer imprint is published by the registered company Springer Nature Singapore Pte Ltd.
The registered company address is: 152 Beach Road, #21-01/04 Gateway East, Singapore 189721, Singapore

Natural Bio-active Compounds pp 529–550 | Cite as

Role of Plant Secondary Metabolites as Antidiabetic Agents

Varsha Vasantrao Sonkamble, Nilesh Shirish Wagh & Sandeep Ramchandra Pai

Chapter | First Online: 07 September 2019

891 Accesses | **1** Citations | **5** Altmetric

Abstract

Plant kingdom is considered to be a convenient source for potential therapeutic drugs. It is a preferred choice due to their easy availability, affordability and considered safe with minimal side effects. Owing to these advantages, enormous efforts have been routed toward search for effective plant-derived drugs against life-threatening diseases like cancer, diabetes, and other disorders in cardiovascular, neurological, respiratory systems, etc. Nowadays, diabetes is one of the most complex metabolic disorders affecting the pathophysiology of individuals of almost all age groups worldwide. Currently, antidiabetic drugs used for diabetes management on... rce. However, these synthetic drugs come with serious

Access via your institution →

Chapter EUR 29.95
Price includes VAT (India)

- DOI: 10.1007/978-981-13-7154-7_18
- Chapter length: 22 pages
- Instant PDF download
- Readable on all devices
- Own it forever
- Exclusive offer for individuals only
- Tax calculation will be finalised during checkout

Buy Chapter

› eBook EUR 192.59
› Softcover Book EUR 229.99
› Hardcover Book EUR 229.99

Learn about institutional subscriptions