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Antidiabetic Medicinal Plants
Applications and Opportunities

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Chapter 19 - Antidiabetic properties of *Linum usitatissimum* L. seed: A promising medicinal plant

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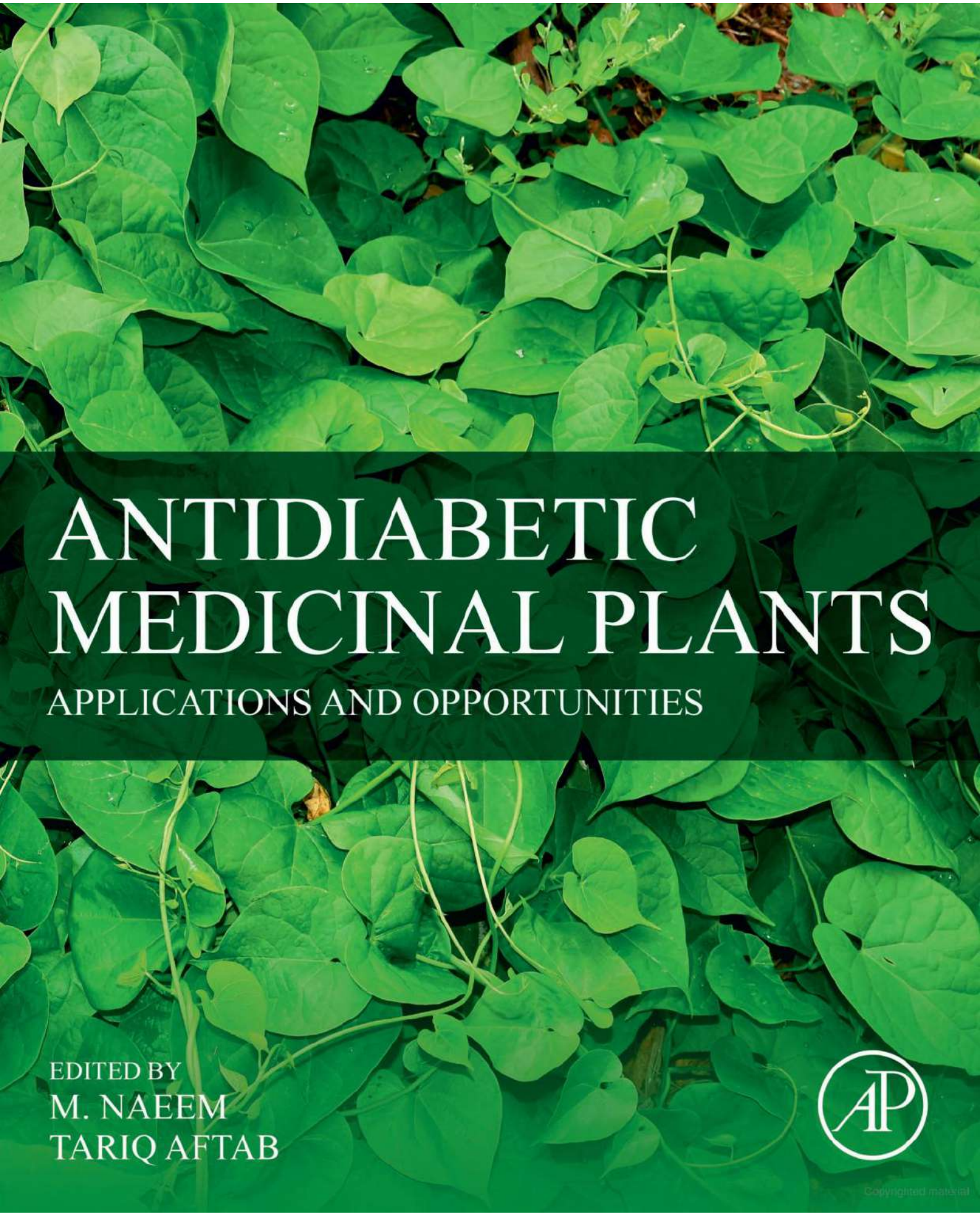
Abstract

Herbal medicine has grown exponentially in popularity over the last several years, garnering favor in both developed and developing countries due to its natural origin and absence of negative effects. Medicinal herbs have been existing as a rich yet untapped source of antidiabetic agents, despite the fact that they have been used to cure diabetes mellitus since early times. *Linum usitatissimum* L., or flaxseed, is a rich source of antioxidant and antidiabetic phytochemical compounds such as lignans, phenolic acids, and flavonoids and hence has a significant potential for lowering the incidence and delaying the development of diabetes in humans.



ANTIDIABETIC MEDICINAL PLANTS

APPLICATIONS AND OPPORTUNITIES

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Description

Antidiabetic Medicinal Plants: Applications and Opportunities presents new developments that are impacting the use of plants to address diabetic conditions. Presenting multiple perspectives on these plants, their identification, cultivation and application, this book presents the state-of-the-art with an eye toward the future. Presented in five parts, the book first provides an overview of plants with antidiabetic properties, then moves to the

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Key Features

FEEDBACK

Includes insights from laboratory research to field application
Presents perspectives from agriculture, biotechnology, molecular biology, pharmaceutical, pharmacological, and clinical trials
Highlights the cost-effective and eco-friendly technologies for sustainable, agricultural developments in antidiabetic plants

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Details

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