

1. Record Nr.	UNINA9910717417403321
Titolo	Mushrooms with therapeutic potentials : recent advances in research and development / / Dinesh Chandra Agrawal and Muralikrishnan Dhanasekaran, editors
Pubbl/distr/stampa	Singapore : , : Springer, , [2023] ©2023
ISBN	9789811995507 9789811995491
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (521 pages)
Disciplina	579.6
Soggetti	Mushrooms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Mushrooms as Promising Therapeutic Resources: Review and Future Perspectives -- Chapter 2. Medicinal Mushrooms for Respiratory Health -- Chapter 3. Therapeutic and Prophylactic Potential of Medicinal Mushrooms in COVID-19 -- Chapter 4. Influences of Edible Mushrooms on Dynamic and Diversity of Gut Microbiota -- Chapter 5. Mushrooms – From Traditional Remedies to the Modern Therapeutics -- Chapter 6. Biopharmaceutical Potential of <i>Ophiocordyceps sinensis</i> for Human Health -- Chapter 7. Anticancer Potential of <i>Ganoderma lucidum</i> and its Relevant Modes of Action -- Chapter 8. Cognitive Enhancing Effects of Medicinal Mushrooms: A Potential Neuroprotective Implication in Dementias -- Chapter 9. Potential of Medicinal Mushrooms in Human Health and Welfare: An Overview -- Chapter 10. Mycotherapeutics Reduce Nephrotoxicity and Renal Diseases -- Chapter 11. Proteomic Research on the Therapeutic Properties of Medicinal Mushrooms -- Chapter 12. <i>Cordyceps militaris</i> (L.): Medicinal aspects in terms of ethnobotanical and pharmacological perspectives -- Chapter 13. Mycotherapeutics Affecting Dopaminergic Neurotransmission to Exert Neuroprotection -- Chapter 14. Biological Activities of Some Edible Mushrooms -- Chapter 15. Nephroprotective Effects of Four <i>Ganoderma</i> Species -- Chapter 16. Mechanisms Involved in Edible Mushrooms' Health Beneficial Effects -- Chapter 17.

Mycotherapy (Medicinal Mushrooms) as a Potential Treatment for Epilepsy -- Chapter 18. Natural vs. Synthetic Psilocybin: The Same or Completely Different? -- Chapter 19. Preventative and Curative Properties of Reishi and Maitake Mushrooms in Cancer.

Sommario/riassunto

The book presents new and novel perceptions about ailments alleviating the effects of several mushroom species. Also, the book highlights the curative role of medicinal mushrooms on some peripheral and central diseases. Various chapters in the book (primarily reviews) have been dedicated to providing the therapeutic efficacy of mushrooms against respiratory illnesses, gut microbiota, COVID-19, dementia, epilepsy, mental ailments, cancers, cardiovascular, kidney-related diseases, and other common pathologies. Thus, medicinal mushrooms are current and future consumable healthcare products that usually exhibit nourishing properties and possess prophylactic and therapeutic values with minimal adverse effects and contraindications. The book focuses on Sustainable Development Goal (SDG 3) to promote healthy lives and well-being for all. Medical, pharmacy, nursing, and CAM (complementary and alternative medicine) students, practitioners, scholars, researchers, other healthcare professionals, and general readers are this book's potential audience. The book can be adopted as a textbook for undergraduate and graduate courses so that the therapeutic potential of mushrooms can reach a wider audience. This book strives to create a new resource for the future use of medicinal mushrooms in various disorders. .
