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Altri autori (Persone)	FangEvandro Fei NgTzi Bun
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Nota di contenuto	pt. 1. Lectins : from biological recognition molecules to variable medicinal applications -- pt. 2. Structural and functional insights into medicinal ribonucleases -- pt. 3. The perspectives for ribosome inactivating proteins : unveiling the working mechanisms and potential medicinal benefits -- pt. 4. The research history of protease inhibitors and their health implications -- pt. 5. Plethora of health benefits from small molecules : from bench-top to clinical settings -- pt. 6. Medicinal compounds from the garden : a bird's eye view of one mushroom, one fruit, one insect, and others -- pt. 7. Modernizing investigations of traditional Chinese medicine at the molecular level -- pt. 8. Questions and future perspectives.
Sommario/riassunto	The modern unhealthy diet and lifestyle in conjunction with pathogens, environmental carcinogens and multiple other risk factors increase humans' susceptibility to different diseases exemplified by elevated levels of cancers, cardiovascular and communicable diseases. Screening of potential drugs from medicinal plants and animals provides a promising strategy for the alleviation of the impact of these diseases. Components with potential medicinal applications include RIPs, RNases, lectins, protease inhibitors and numerous small compounds. These compounds have shown both preventive and therapeutic effects for

humans. This book is a compilation of articles written by internationally renowned experts exploring the different uses of medicinal compounds in human therapeutics. Here we provide a comprehensive outlook on both qualitative and quantitative studies focusing on medicinal plants and animals, and establishing a link between laboratory research discovery and clinical applications.
