

1. Record Nr.	UNINA9910727285203321
Titolo	Metformin : a prospective alternative for the treatment of chronic diseases / / edited by Farid A. Badria
Pubbl/distr/stampa	London : , : IntechOpen, , 2023
ISBN	1-83768-239-9
Descrizione fisica	1 online resource (102 pages)
Disciplina	615.1
Soggetti	Pharmacology Metformin
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Metformin: A Small Molecule with Multi-Targets and Diverse Therapeutic Applications -- 2. Pharmacogenetics of Metformin in Type 2 Diabetes: Perspectives for Latin America -- 3. Therapeutic Potential of Metformin in Diabetes Mellitus-Related Cardiovascular Complications -- 4. Glycemic and Extraglycemic Effects of Metformin in Patients with Diabetes -- 5. Metformin in Non-Diabetic Conditions: An Overview. -- --.
Sommario/riassunto	Currently, there are many complicated health disorders with different etiologies and pathogeneses, including cancers, obesity, periodontitis, cardiovascular disease, liver, skin and renal disorders. It is now known that the causes and pathogenesis of many complex chronic diseases are usually polyfactorial: genetic, environmental, constitutive factors, or a combination of these. Recently, poly-target molecules containing enzymes capable of catalyzing several reactions have been efficiently used in the treatment of several metabolic disorders, and infectious and inflammatory diseases. This book describes the history of the discovery of metformin and its chemistry. Topics presented include new approaches to the role of metformin in the treatment of diabetic patients and its ability to target multiple signaling pathways.