1. Record Nr. UNINA9910688294103321 Neuroprotection / / edited by Matilde Otero-Losada, Capani, Francisco Titolo and Santiago Perez Lloret Pubbl/distr/stampa London, United Kingdom:,: IntechOpen,, 2020 Descrizione fisica 1 online resource (348 pages): illustrations Disciplina 616.8046 Soggetti Neuroprotective agents Nervous system - Diseases - Treatment Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto Neurological disease affects nearly 25%-30% of the world's population, exerting enormous financial strain on the healthcare system. Estimated current costs are around \$800 annual billion, and this number is expected to increase exponentially as the global population ages. As such, new and alternative neuroprotective strategies are urgently needed. This book examines some of the most promising approaches in neuroprotection as well as discusses current goals and prospects. Organized into three sections, chapters cover such topics as the use of cannabinoids, medicinal plants, and essential oils in Alzheimer's and Parkinson's; protein misfolding and the neuroprotective potential of vitamin E in cerebral ischemia; and potential new neurological

treatments and their mechanisms of action.