Record Nr. UNINA9910300271603321 Neurodegenerative Diseases: Clinical Aspects, Molecular Genetics and Titolo Biomarkers / / edited by Daniela Galimberti, Elio Scarpini Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2018 **ISBN** 3-319-72938-1 Edizione [2nd ed. 2018.] 1 online resource (407 pages): illustrations Descrizione fisica Disciplina 616.8047 Soggetti Neurology Neurosciences Human genetics Neurology **Human Genetics** Lingua di pubblicazione Inalese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This book gives an overview of the current knowledge on the most common neurodegenerative diseases, including Alzheimer's disease, frontotemporal lobar degeneration, Lewy body dementia, Parkinson's disease, amyotrophic lateral sclerosis, and additional less common neurodegenerative diseases. Both clinical and basic aspects of each disease are treated, including novel diagnostic criteria, old and new treatments, basic discoveries (genetics, epigenetics and molecular biology), and translation of basic research into biomarkers for early diagnosis, particularly to identify peripheral biomarkers. In addition, emerging data indicate that neurodegeneration seems to also be present in classically non-degenerative disorders. Therefore, a chapter about overlapping mechanisms between dementias and psychiatric disorders is included, as well as a description of the role of neurodegeneration in multiple sclerosis. Neurodegenerative Diseases is aimed at clinicians, particularly those working in academic hospitals.

in medical fields.

This multidisciplinary book will also be of interest to basic researchers