1. Record Nr. UNINA9910633973703321 Autore Heinbockel Thomas Titolo COVID-19, Neuroimmunology and Neural Function / / Thomas Heinbockel, Robert Weissert London:,:IntechOpen,, 2022 Pubbl/distr/stampa **ISBN** 1-80355-031-7 Descrizione fisica 1 online resource (134 pages) Disciplina 616 Soggetti Clinical medicine Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Preface XI-- Section I COVID-19 Effects: Neurology. Neuroimmunology, Nota di contenuto Neurogenesis 1-- Chapter 1 Does COVID-19 Affect Adult Neurogenesis? A Neurochemical Perspective 3-- by Jayakumar Saikarthik. Ilangti Sanuwathi and Ah/lulrahman A. Al-Atram -- Chapter 2 Neuroimmunology and Neurological Manifestations of COVID-19 by Robert Weinert 29-- Chapter 3 COVID-19 and ScizuTO by Rtijael Jesui. Carolina Azoia, l'aulo Coelho and l'edro Guimaraes 45-- Sec lion 2 Molecular and Cellular Neurochemistry 61-- Chapter 4 Peripheral Rinmarkerc in Multiple Sclerosis Patients Treated with Interferon-Beta by Andreia Monteiro, Ana Mafalda Phoseca and Artur Paiva 63--Chapter 5 Amino Acids j; Neuiuli amuiitlers. TheBaLuiLcbetween Excitation and Inhibition as a Background for Future Clinical Applications by Yannlav R Nartsiaov si-- Chapter 6 Emerging Roles of Non-Coding RNA in Neuronal Function and Dysfunction by Steven G. Pagan and Shona Pfeiffcr 99. The recent and ongoing COVID-19 pandemic has changed societies Sommario/riassunto and research around the world. As such, this new book examines the latest developments in the field of neuroscience related to these changes. It includes six chapters in two sections: "COVID-19 Effects: Neurology, Neuroimmunology, Neurogenesis" and "Molecular and Cellular Neurochemistry." The first section includes chapters that address such topics as COVID's effect on adult neurogenesis, neurological manifestations of COVID-19, and COVID-19 and seizures.

Chapters in the second section discuss peripheral biomarkers in

multiple sclerosis, amino acids as neurotransmitters, advancements in RNA sequencing technologies, and more.