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Nota di contenuto	1-Attitudes and smoking prevalence among undergraduate students in central Greece -- 2-Care of patients with Alzheimer's disease -- 3-Regulation of antioxidant enzymes levels in rat brain -- 4-NIRS-based assessment of cerebral oxygenation during high definition anodal transcranial direct current stimulation in patients with posttraumatic encephalopathy -- 5-Cerebral critical closing pressure at concomitant traumatic brain injury -- 6-The role of inflammatory biomarkers as a diagnostic tool for possible late-life cognitive decline and dementias -- 7-The Development of Antisense RNA Treatments using Engineered Protein Substrates -- 8-Biomarker-driven analysis using high-throughput approaches in neuroinflammation and neurodegenerative diseases -- 9-Sensitive and Stereo specific high-performance liquid chromatographic method for flurbiprofen in human plasma -- 10-Genotypic and Clinical Analysis of a Thalassemia Major Cohort: An Observational Study -- 11-Design and Validation of a New Diagnostic Toolfor the Differentiation of Pathological Voices in Parkinsonian Patients -- 12-Effects of an 8-Week Stress Management Program in

Women with Breast Cancer: A Randomized Controlled Trial -- 13-The Rosenberg Self-Esteem Scale: Translation and Validation in the Greek Language in Adolescents -- 14-Stress system activation analysis in Greek female adolescents: a bioimpedance study -- 15-Kisspeptin and the genetic obesity interactome -- 16-The importance of diagnostic and prognostic biomarkers identification and classification towards understanding ALS pathogenesis -- 17-Entropy in Cardiac Autonomic Nervous System of Adolescents with General Learning Disabilities or Dyslexia -- 18-Ebola virus disease and current therapeutic strategies; A review -- 19-Hyperbaric Oxygen Therapy effect on "Kinesia Paradoxa" Brain Circuits -- 20-Early and Very Early GRIM19 and MCL1 Expression are Correlated to Late Acquired Prednisolone Effects in a T-Cell Acute Leukemia Cell Line -- 21-Phospholipid Fatty Acid Profile of *Spirulina platensis* -- 22-Chronic systemic inflammation measured by bioimpedance technology before and after sleeve gastrectomy: a feasibility study -- 23-Synthesis and Biological Evaluation Substituted Thiophene Derivatives -- 24-Force spectroscopy in mechanical protein domains unfolding -- 25-Investigating the genetic component of Parkinson's Disease -- 26-Urticaria from the Neurodermatological Perspective: A Temporal Analysis of Urticaria and Cognition -- 27- Novel Low-Noise CMOS Bioamplifier for the Characterization of Neurodegenerative Diseases -- 28-The Kentucky Inventory of Mindfulness Skills in Greek Undergraduate and Postgraduate Students -- 29-Synthesis, in silico studies and biological evaluation of 1, 3, 4 oxadiazino indole derivatives -- 30-Designing and screening of new schiff bases of indole derivatives for anti-bacterial activity by in-silico methods and docking studies -- 31-Use of vitamin D bolus in fortified juice for improving vitamin D status in children with Cerebral Palsy -- 32-Microbes and the games they play -- 33-Impurity Profiling and Identification of 2,6-diisopropylphenol by Raman spectroscopy -- 34-Cultural Accommodation of the Strengthening Families Program for Parents and Young Adolescents 10-14: Greek Phase I & II Study -- 35-The effect of nutrients on Alzheimer's disease biomarkers: A metabolomic approach -- 36-The impact of exercising in the quality of life of people with Aementia-Alzheimer disease -- 37-Advanced Health Technologies and Nanotechnologies in Neurodegenerative Diseases -- 38-Phenotype and genotype study in a case of frontometaphyseal dysplasia 1 -- 39-Craniofacial and neurological phenotype in a case of oculodentodigital syndrome -- 40-Clinical and molecular study of common thrombophilia mutation prothrombin G20210A -- 41-Prenatal genetic testing for X-linked hypohidrotic ectodermal dysplasia -- 42-Preimplantation genetic testing for spastic paraplegia type 3 -- 43-Synthesis, anti-inflammatory activity and in-silico studies of some new 3-({P-DIMETHYLAMINO}BENZYLIDENE YDRAZINYLIDENE)-1,3-DIHYDRO-2H-INDOLE-2-ONE DERIVATIVES -- 44-Design, characterization and docking studies of some novel isatin derivatives for anticonvulsant and antidepressant activity -- 45-Skin mirrors Brain: A Chance for Alzheimer's Disease Research -- 46-Mitochondrial homeostasis in neurodegeneration and ageing -- 47-The Alzheimer's Disease Chronicles: will evidence triumph over adversity? -- 48-Liposomes: Production Methods and Application in Alzheimer's Disease -- 49-Developing Treatments for Alzheimer's and Related Disorders with Precision Medicine: A Vision -- 50-Biomarkers and Precision Medicine in Alzheimer's Disease -- 51-The role of microRNAs in thrombosis -- 52-Photo-oxygenation: an innovative new therapeutic approach against amyloidoses.

challenges in scientific research, new drug targets, the development of novel biomarkers, new imaging techniques, novel protocols for early diagnosis of neurodegenerative diseases, and several other scientific advances, with the aim of better, safer, and healthier aging. This volume focuses on the sessions from the conference on Neuroscientific Advances.
