

1. Record Nr.	UNINA9910150357603321
Autore	Hayes Andrea
Titolo	Pain-free life : my journey to wellness / / Andrea Hayes
Pubbl/distr/stampa	Cork, Ireland : , : Mercier Press, , [2016] ©2016
ISBN	1-78117-407-5
Descrizione fisica	1 online resource (178 pages)
Disciplina	616.0472
Soggetti	Pain - Treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
2. Record Nr.	UNINA9910794558703321
Autore	Calderon-Garciduenas L
Titolo	Alzheimer's Disease and Air Pollution : The Development and Progression of a Fatal Disease from Childhood and the Opportunities for Early Prevention
Pubbl/distr/stampa	, : IOS Press, Incorporated, , 2021 ©2021
Edizione	[1st ed.]
Descrizione fisica	1 online resource (616 pages)
Collana	Advances in Alzheimer's Disease ; ; v.8
Disciplina	616.8311071
Soggetti	Air Alzheimer's disease
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Intro -- Title Page -- Preface -- Contents -- Section 1. Alzheimer's Disease and Air Pollution: The Ignored Side of Alzheimer's Research -- Ozone, Particulate Matter, and Newly Diagnosed Alzheimer's Disease: A Population-Based Cohort Study in Taiwan -- Where Do Ultrafine Particles and Nano-Sized Particles Come From? -- Overview of Sources and Characteristics of Nanoparticles in Urban Traffic-Influenced Areas -- Combustion-Derived Nanoparticles in Key Brain Target Cells and Organelles in Young Urbanites: Culprit Hidden in Plain Sight in Alzheimer's Disease Development -- Airborne Magnetite- and Iron-Rich Pollution Nanoparticles: Potential Neurotoxicants and Environmental Risk Factors for Neurodegenerative Disease, Including Alzheimer's Disease -- Section 2. Particulate Matter, Neurobiology, and Neuropathology -- Air Pollution, Combustion and Friction Derived Nanoparticles, and Alzheimer's Disease in Urban Children and Young Adults -- Traffic-Related Air Pollution and Incident Dementia: Direct and Indirect Pathways Through Metabolic Dysfunction -- Anthropogenic Iron Oxide Nanoparticles Induce Damage to Brain Microvascular Endothelial Cells Forming the Blood-Brain Barrier -- Fine Particulate Matter Exposure and Cerebrospinal Fluid Markers of Vascular Injury -- Long-Term Exposure to PM10 and in vivo Alzheimer's Disease Pathologies -- Particulate Matter Exposure Exacerbates Amyloid-Beta Plaque Deposition and Gliosis in APP/PS1 Mice -- NLRP3 Inflammasome: A Potential Therapeutic Target in Fine Particulate Matter-Induced Neuroinflammation in Alzheimer's Disease -- Tobacco Smoke Exposure Impairs Brain Insulin/IGF Signaling: Potential Co-Factor Role in Neurodegeneration -- Air Pollution and Alzheimer's Disease: A Systematic Review and Meta-Analysis. Exposure to Traffic-Generated Pollutants Exacerbates the Expression of Factors Associated with the Pathophysiology of Alzheimer's Disease in Aged C57BL/6 Wild-Type Mice -- Section 3. Cognitive Decline and Air Pollution -- Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein epsilon4 Children Exposed to Air Pollution -- Mild Cognitive Impairment and Dementia Involving Multiple Cognitive Domains in Mexican Urbanites -- Impact of Air Pollution on Cognitive Impairment in Older People: A Cohort Study in Rural and Suburban China -- Long-Term Exposure to Air Pollutants and Cognitive Function in Taiwanese Community-Dwelling Older Adults: A Four-Year Cohort Study -- Education Differences in the Adverse Impact of PM2.5 on Incident Cognitive Impairment Among U.S. Older Adults -- Life Course Air Pollution Exposure and Cognitive Decline: Modelled Historical Air Pollution Data and the Lothian Birth Cohort 1936 -- Long-Term Exposure to Ambient Air Pollution and Cognitive Function Among Hispanic/Latino Adults in San Diego, California -- Long-Term Exposure to PM2.5 and Cognitive Decline: A Longitudinal Population-Based Study -- The Role of Traffic-Related Air Pollution in Neurodegenerative Diseases in Older People: An Epidemiological Perspective -- Acute versus Chronic Exposures to Inhaled Particulate Matter and Neurocognitive Dysfunction: Pathways to Alzheimer's Disease or a Related Dementia -- Traffic-Related Air Pollution as a Risk Factor for Dementia: No Clear Modifying Effects of APOE epsilon4 in the Betula Cohort -- Section 4. Ozone: The Hidden Player in Neurodegeneration -- Ozone Atmospheric Pollution and Alzheimer's Disease: From Epidemiological Facts to Molecular Mechanisms -- Air Pollution, Stress, and Allostatic Load: Linking Systemic and Central Nervous System Impacts. Association of Low-Level Ozone with Cognitive Decline in Older Adults -- Ozone and Particulate Matter Exposure and Alzheimer's Disease: A Review of Human and Animal Studies -- Section 5. Alzheimer's Disease

Continuum: The Early Diagnosis in the First Four Decades of Life -- Apolipoprotein E4, Gender, Body Mass Index, Inflammation, Insulin Resistance, and Air Pollution Interactions: Recipe for Alzheimer's Disease Development in Mexico City Young Females -- Auditory Brainstem Dysfunction, Non-Invasive Biomarkers for Early Diagnosis and Monitoring of Alzheimer's Disease in Young Urban Residents Exposed to Air Pollution -- Increased Gain in the Auditory Pathway, Alzheimer's Disease Continuum, and Air Pollution: Peripheral and Central Auditory System Dysfunction Evolves Across Pediatric and Adult Urbanites -- Cerebrospinal Fluid Biomarkers in Highly Exposed PM2.5 Urbanites: The Risk of Alzheimer's and Parkinson's Diseases in Young Mexico City Residents -- Non-Phosphorylated Tau in Cerebrospinal Fluid is a Marker of Alzheimer's Disease Continuum in Young Urbanites Exposed to Air Pollution -- A Critical Proton MR Spectroscopy Marker of Alzheimer's Disease Early Neurodegenerative Change: Low Hippocampal NAA/Cr Ratio Impacts APOE epsilon4 Mexico City Children and Their Parents -- Section 6. Mental Disorders, Neurotoxicity, and the Link Between SARS-CoV-2 and Worsening of Neurodegeneration -- Air Pollution as Risk Factor for Mental Disorders: In Search for a Possible Link with Alzheimer's Disease and Schizophrenia -- Analyzing Individual-Level Secondary Data with Instrumental Variable Methods Is Useful for Studying the Effects of Air Pollution on Dementia -- Air Pollution Neurotoxicity in the Adult Brain: Emerging Concepts from Experimental Findings. Environmental Nanoparticles, SARS-CoV-2 Brain Involvement, and Potential Acceleration of Alzheimer's and Parkinson's Diseases in Young Urbanites Exposed to Air Pollution -- Dementia Around the World and the Latin America and Mexican Scenarios -- Author Index.
