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Aims and Scope

Ageing and Neurodegenerative Diseases (AND) is a peer-reviewed and open access multidisciplinary journal that publishes high-quality original articles, reviews, case reports, commentaries, letters to editor, etc. Ageing is a major risk factor for neurodegeneration, and the prevalence of ageing-related neurodegenerative diseases such as Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, etc. continues to rise with the increased ageing population. Unfortunately, there are no effective treatments available for the age-related neurodegenerative diseases. Thus, to develop successful interventions, it is important to investigate the basic mechanisms of ageing and their roles in the onset and progression of neurodegenerative diseases. Therefore, we plan to launch this new journal, which is aimed to report innovative research advances on the following topics:

1. The cellular and molecular mechanisms of ageing and the pathogenesis of neurodegenerative diseases;
2. The associations between neurodegenerative diseases and the biological bases of ageing with a focus on: genomic instability, epigenetic alterations, telomere attrition, protein degradation system failure, mitochondrial dysfunction, cellular senescence, nutrient sensing deregulation, stem cell exhaustion, intercellular communication impairment, etc.;
3. Translational research into prevention and treatment of age-related neurodegenerative diseases;
4. Mechanistic bases for epidemiological observations in aging-related neurodegenerative diseases.
5. Psychology and Geriatric Mental Illness;
6. Neuropharmacology.

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Ageing and Neurodegenerative Diseases

Journal Information and Statistics

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Research Interests: Neuronal Survival and Cell Death; Molecular and Cellular Signals Controlling Neurodegeneration

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Research Interests:Cognitive Aging; Dementia

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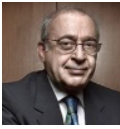
Research Interests: Autophagy; Proteostasis; Huntington's Disease; Tau; Parkinson's Disease



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Jinan University, Guangzhou, China.

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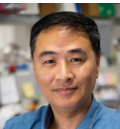
Research Interests: Catecholamine Metabolism; Monoamine Oxidases; Brain Iron Metabolism; Parkinson's Disease; Alzheimer's Disease; Amyotrophic Lateral Sclerosis



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Research Interests: Energy Metabolism; Neuroprotection; Premotor Symptoms in Parkinson's Disease; Etiopathogenesis and Treatment in Parkinson's Disease



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Medical College of Xiamen University, Xiamen, China.

Research Interests: Molecular and Cellular Mechanisms; Neurodegenerative Diseases



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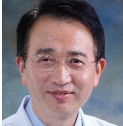
Research Interests: Neurodegeneration; Pathogenesis of Alzheimer's Disease; Molecular Mechanisms of Alzheimer's Disease; Parkinson's Disease Dementia; Lewy Body Dementias, Neuroimmune Responses; Vision Loss in Alzheimer's Disease; Molecular Signaling of Neurodegeneration



Veralice Meireles Sales de Bruin

Sleep and Biological Rhythms Laboratory, Brazil.

Research Interests: Parkinson's disease; Cystic fibrosis; bipolar disorder; Anxiety and depression; Diabetes; Metabolic syndrome; Lack of exercise and exercise; Certain sleep disorders.



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Peking University Third Hospital, China.

Research Interests: Early Diagnosis; Autonomic neuropathy; Amyotrophic Lateral Sclerosis; Nerve Regeneration



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Research Interests: Pathogenic Mechanisms; Frontotemporal Dementia; Amyotrophic Lateral Sclerosis



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Research Interests: Neurodegeneration, Translational Neurosciences, Neurovascular Diseases, Sleep Disorders, Transcranial Magnetic Stimulation, Neurosonology, Neuroplasticity



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China Medical University, China.

Research Interests: Neuroscience; Neurodegenerative Diseases; Protein Aggregation; Stem Cells; Axonal Transport



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Chulalongkorn University, Thailand.

Research Interests: Major Depression; Cytokines; Tryptophan; Chronic Fatigue Syndrome; Redox Signaling



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Rush University Medical Center, Chicago, USA.

Research Interests: Multiple Sclerosis; Parkinson's Disease; Dementia; Alzheimer's Disease; Traumatic Brain Injury; Cancer; Lysosomal Storage Disorders



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Guizhou Medical University, China.

Research Interests: Alzheimer's disease; Molecular Biological Mechanism; Brain Aging; Schizophrenia; Autism



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Research Interests: Neuroscience; Neuroimmunology; Prion; Alzheimer's Disease; Parkinson's Disease



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Third Military Medical University, China.

Research Interests: Alzheimer's Disease; Vascular Cognitive Impairment; Neurodegenerative diseases; Treatment; Biomarkers



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Research Interests: Alzheimer's disease; Clinical therapy; Epidemiology; Experimental therapy; Mitochondria; Neurodegeneration; Oxidative stress; Parkinson's disease; Signal transduction



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Central South University, China.

Research Interests: Human genetics; Neurogenetics; Clinical Laboratory Diagnostics



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Head Parkinsons Disease Lab., The Florey Institute, Australia.

Research Interests: Age Related Neurodegeneration and Regeneration; Parkinson's Disease; Multiple System Atrophy; Developing New Therapeutics; Animal Models; Biomaterials



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Research Interests: Microglia; Neuroinflammation; Neurodegeneration



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Research Interests: Cellular/Molecular Mechanism of Aging; Genetic Determinants of Complex Human Traits; Structure, Function and Evolution of Gene Regulatory Network



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Jinan University, Guangzhou, China.

Research Interests: Mutant Proteins; Neurons and Glia; Gene Transcription; Neurodegeneration; Pathogenesis



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Emory University, USA.

Research Interests: Transduce Stress Signals; DNA Damage; Autophagy; ER Unfolded Protein Response; Mitochondrial Dynamics



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Research Interests: Alzheimer's Disease; Clinical Therapy, Epidemiology; Experimental Therapy; Mitochondria; Neurodegeneration; Oxidative Stress; Parkinson's Disease; Signal Transduction



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Research Interests: Biomarker; Alzheimer's Disease; Nonpharmacological Interventions; Dementia



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Research Interests: Neurodegenerative Diseases; Parkinson's Disease; Mitochondrial Damage



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Research Interests: Molecular Mechanisms; Neurological Disorders; Psychiatric Disorders



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First Affiliated Hospital of Guangzhou Medical University, China.

Research Interests: Amino Acid Transport System; Cycle Transport Dopaminergic Nerve Cell; Parkinson's Disease, Microglia



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National University of Singapore, Singapore.

Research Interests: Neuronal Regeneration; Neuronal Pruning; Neurodegenerative Diseases; Animal Models



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Research Interests: Imaging Study; Neurodegenerative Diseases; Parkinson's Disease; Alzheimer's Disease; Cerebral Small Vessel Disease



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Research Interests: Adult neurogenesis, Cannabinoids, Neurotrophic factors

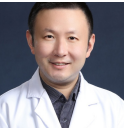


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Professor with the Center for Cognition and Brain Disorders, Hangzhou Normal University, Hangzhou, Zhejiang, China

Research Interests: The Methodology of Resting-State fMRI and Its Application to Cognition and Brain Disorders

Youth Editorial Board



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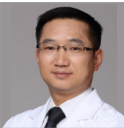
Research Interests: Parkinson's Disease; Neuroinflammation; Oxidative Stress; Autophagy



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Research Interests: Parkinson's Disease; ALS; Small Molecule Inhibitors and Tracers; α -synuclein; TDP-43



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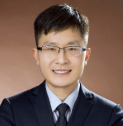
Research Interests: Neurodegenerative Diseases; Parkinson's Disease; Essential Tremor; Primary Familial Brain Calcification; Repeat Expansion Diseases; Clinical Genetics



Qian Yang

Air Force Medical University, China.

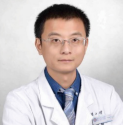
Research Interests: Neurodegenerative Diseases; Parkinson's Disease; Alzheimer's Disease; Pathogenesis



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Research Interests: Alzheimer's Disease; Clinical Diagnosis and Treatment; Translational Medicine



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Research Interests: Clinical and Basic Research of Neurodegenerative Diseases; Alzheimer's Disease; Parkinson's Disease



Qing Wang

Professor and Director of the Department of Neurology in Zhujiang Hospital, Southern Medical University, Guangzhou, China

Research Interests: The pathogenesis of neurodegenerative diseases PD/MSA/PSP/Dementia; Regenerative mechanism of neurodegenerative disease Dementia; Cerebrovascular disease; The pathogenesis of dementia.



Guoyuan Yang

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Research Interests: Pathogenesis andTranslational Studies of Cerebrovascular Diseases



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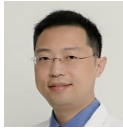
Research Interests: Parkinson's Disease; Neurodegenerative Disease; Neurogenetic Disease; Clinical Phenotype; Genotype; Pathogenesis



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Research Interests: Traumatic Brain Injury; Neurotoxicology; Parkinson's disease; Gut Microbiota; Nutrition; Behavior



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Research Interests: Stroke; Multiple Sclerosis



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