

A Bridge between Brain and Aging Research

The new millennium offers the potential of greater discoveries in elucidating mechanisms of brain function particularly regarding neurodegenerative diseases, such as Alzheimer's and Parkinson's diseases as well as regarding vascular disorders. The major etiological factor to be considered in these diseases is that their incidence increases dramatically as a function of age.

Within the context of increasing quality of life, a critical question needs to be posed:

Is it possible to reduce or forestall the deleterious effects of brain aging and thus slow or even prevent the course of age-related neurodegenerative and vascular diseases?

Arising with the new millennium achievements, this new journal *Brain Aging* wants to put together minds focused on mechanisms of brain aging and on interventions which possible alter the course of brain aging and its ultimate expression in cognitive, motor and behavioral changes.

Why a new Journal?

Today there are 116 scientific journals and thousands of web sites dedicated to aging, a picture of increasing challenge to professionals dedicated for older people. The multiple pathology commonly seen in elderly people attracts us to a multi dimensional approach of this problem. Both, basic research and clinical trials are the main directions that we want to promote in the field of aging.

Why Brain Aging?

Brain Aging can due to the most devastating brain disorders of elderly people named Alzheimer disease. More than 50% of Alzheimer patients develop behavioral symptoms. The other related dementia's also transform the elderly patient into a dependent person and this is followed up by family deep involvement and the drama of being clinically apparently healthy. The Journal describes a possible new approach to fighting Alzheimer disease on basic research: especially on stem cells, mechanisms of age-induced death, programmed cell death (apoptosis), programmed death of the body (phenoptosis).

A bridge

The Journal links scientists in Health Care and Basic researchers in the field of Brain Aging (Molecular Medicine, Genetics, Geriatrics and Gerontology, Neuropsychology, Pharmacology and Drug Trials, Epidemiology, Public Health). It promotes new information in the study of new molecules for the therapy of neuro-degenerative diseases in the high field of molecular medicine and in elaborating a new strategy in Community Care and Home Care which should reduce the extremely high costs of long time care of these patients.

Mission

Our goal is to provide relevant, high quality information from diverse sources, to publish with absolute integrity and to be a meeting point for those involved in the field of Brain Aging, serving their needs. If you have original articles, papers, editorials, information or manuscripts we would like to hear from you.

Bengt Winblad
Editor in chief