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Experimental and Clinical Research

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AIMS AND SCOPES

Neurobiology of Aging will publish the results of multidisciplinary studies in physiology, endocrinology, biochemistry, neurology, anatomy, pharmacology, and behavior in which the primary emphasis involves central nervous system changes with age. A limited number of relevant reviews and theoretical articles,

results of symposia, more comprehensive studies as monograph supplements, and brief communications which describe a new method, technique, or apparatus, and results of experiments which can be reported briefly will also be published. Articles will be published in English.

MANUSCRIPTS FOR FORTHCOMING ISSUES

- Hippocampal changes during aging in rats: Analyses in semi-thin sections.** P. W. LANDFIELD, L. BRAUN, J. D. LINDSEY AND G. LYNCH, Bowman Gray School of Medicine, Winston-Salem, University of California, San Francisco, University of California, San Diego and University of California, Irvine.
- Memory impairments and aging: Localization of cellular changes within multimodal sensory regions in aged monkey brain.** K. R. BRIZZEE, T. BEAVERS, J. M. ORDY AND R. T. BARTUS, Delta Regional Primate Research Center and Medical Research Division of American Cyanamid.
- Senescent changes in a neurobiological model system: Cerebellar Purkinje cell electrophysiology and correlative anatomy.** J. ROGERS, M. A. SILVER, W. J. SHOEMAKER AND F. E. BLOOM, The Salk Institute.
- Choline chloride effects on memory in the elderly.** R. C. MOHS, K. L. DAVIS, J. TINKLENBERG AND L. E. HOLLISTER, Veterans Administration and Mt. Sinai Hospital, Bronx, and Veterans Administration, Stanford.
- Age-related alterations in the brain cholinergic system and behavior.** R. STRONG, P. HICKS, L. HSU, R. T. BARTUS AND S. J. ENNA, Texas Research Institute of Mental Sciences, Medical Research Division of American Cyanamid and University of Texas Medical School at Houston.
- Computer tomography evaluations of brain-behavior relationships in senile dementia of the Alzheimer's type.** M. J. de LEON, S. H. FERRIS, A. E. GEORGE, B. REISBERG, I. I. KRICHEFF AND S. GERSHON, New York University Medical Center.
- Aging, memory and the cholinergic system: A study of dichotic listening.** D. A. DRACHMAN, D. NOFFSINGER, B. J. SAHAKIAN, S. KURDZIEL AND P. FLEMING, University of Massachusetts Medical School.
- Vasopressin and conditioned flavor aversion in aged rats.** M. C. McNAMARA AND R. L. COOPER, Duke University Medical Center.
- Positive feedback by ovarian hormones on prolactin and LH in old versus young female rats.** H. H. HUANG, R. W. STEGER, W. A. SONNTAG AND J. MEITES, Michigan State University.
- Effects of ethanol alone and in combination with dihydroergotoxin (Hydergine) on age changes in the brain of mice: Behavior and cholinergic functions.** T. SAMORAJSKI, L. HSU, D. MILLER-SOULE, D. VOLPENDESTA, R. STRONG AND S.-C. LIANG, Texas Research Institute of Mental Sciences and University of Texas at Galveston.
- Differences in ³H-amphetamine concentration in the brain of young and aged rats: Implications for in vivo assessment of centrally acting drugs in aged animals.** L. TRUAX AND M. J. SCHMIDT, Lilly Research Laboratories.
- Age-related alterations in neurotransmitter receptor function: An electrophysiological analysis.** A. S. LIPPA, D. CRITCHETT, B. BEER, R. DEAN AND R. T. BARTUS, Medical Research Division of American Cyanamid.
- Age-related changes in dopamine LHRH and somatostatin in the rat hypothalamus.** J. R. SLADEK, JR. AND G. E. HOFFMAN, University of Rochester School of Medicine and Dentistry.

All manuscripts should be sent to the Editor-in-Chief for review and processing.

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