

# ANNOUNCEMENTS

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Keynote presentations by internationally known researchers and poster presentations will address the following featured topics: peripheral pathology and markers for alcoholism; ethanol's effects on endocrine function and hormonal effects; ethanol's effects on membrane and neuronal function; electrophysiology of alcoholism, and reinforcement, preference and peptides as determinants of alcohol intake.

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Organized by the International Group for Biomedical Research on Alcoholism, this symposium will be held in parallel with the 26th International Institute on the Prevention and Treatment of Alcoholism (Cardiff, Wales; June 9–14, 1980).

Proceedings to be published as a Supplement to *Pharmacology Biochemistry and Behavior*. For further details contact:

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# NEUROBIOLOGY OF AGING

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### 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 dihydroergotoin (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 <sup>3</sup>H-amphetamine concentration in the brain of young and aged rats: Implications for in vivo assessment of centrally acting drugs in aged animals.** L. TRUEX 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.

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## **NEUROBEHAVIORAL TOXICOLOGY**

VOLUME 1 NUMBER 1

SPRING 1979

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