

# ANNOUNCING

A new publication of Ankho International Inc.

## **NEUROBEHAVIORAL TOXICOLOGY**

VOLUME 1 NUMBER 1

SPRING 1979

### CONTENTS

Reproductive dysfunction in male rats following neonatal administration of monosodium L-glutamate. PIZZI, W. J., J. E. BARNHART and J. R. UNNERSTALL. ....	1
Hippocampal afterdischarges and their post-ictal sequelae in rats: A potential toll for assessment of CNS neurotoxicity. DYER, R. S., H. S. SWARTZWELDER, C. U. ECCLES and Z. ANNAU .....	5
Hippocampal afterdischarges and their post-ictal sequelae in rats: Effects of carbon monoxide hypoxia. DYER, R. S., E. BURDEN, K. HULEBAK, N. SCHULTZ, H. S. SWARTZWELDER and Z. ANNAU .....	21
Effects of lithium and cesium salts on Sarcoma-I implants in the mouse. MESSIHA, F. S., A. EL-DOMEIRI and H. F. SPROAT .....	27
Effects of prenatal methadone on the rest-activity cycle of the pre-weanling rat. HUTCHINGS, D. E., E. FERARU, H. S. GORINSON and R. R. GOLDEN .....	33
Effects of chronic administration of food colorings on activity levels and cognitive performance in developing rat pups treated with 6-hydroxydopamine. SHAYWITZ, B. A., J. R. GOLDENRING and R. S. WOOL .....	41
Effects of maternal absorption of phenobarbital upon rat offspring development and function. MARTIN, J. C., D. C. MARTIN, R. LEMIRE and B. MACKLER .....	49
Effects of carbon disulfide on motor function and responsiveness to d-amphetamine in rats. TILSON, H. A., P. A. CABE, E. H. ELLINWOOD, JR. and L. P. GONZALEZ .....	57
Maternal behavior during chronic lead exposure and measures of offspring development. ZENICK, H., F. PECORRARO, D. PRICE, K. SAEZ and J. WARD .....	65
Analysis of nominal dose-effect data with an advanced programmable calculator. BAIRD, J. B. and R. L. BALSTER .....	73
Aspartame: Assessment of developmental psychotoxicity of a new artificial sweetener. BRUNNER, R. L., C. V. VORHEES, L. KINNEY and R. E. BUTCHER .....	79
Behavioral effects of fetal and neonatal exposure to methadone in the rat. GROVE, L. V., M. K. ETKIN and J. A. ROSECRANS .....	87

VOLUME 1 NUMBER 2

SUMMER 1979

### CONTENTS

Persistent visual cortex excitability alterations produced by neonatal lead exposure. FOX, D. A., J. P. LEWKOWSKI and G. P. COOPER .....	101
Cholinergic system of mice during hypokinesia caused by chronic lead ingestion. MODAK, A. T. and W. B. STAVINOHAN .....	107
Hyperactivity and cognitive deficits in developing rat pups born to alcoholic mothers: An experimental model of the expanded fetal alcohol syndrome (EFAS). SHAYWITZ, B. A., G. G. GRIFFIETH and J. B. WARSHAW .....	113
Neonatal exposure to diethylstilbestrol affects the sexual differentiation of male rats. TILSON, H. A. and C. A. LAMARTINIERE .....	123
Morphologic effects of interference with cell proliferation in the early fetal period. RODIER, P. M. and W. J. GRAMANN .....	129
Behavior in rats after exposures to various power densities of 2450 MHz microwaves. GAGE, M. I. ....	137
Effects of ethanol exposure during different gestation weeks of pregnancy on maternal weight gain and intrauterine growth retardation in the rat. ABEL, E. L. ....	145
Effects of in utero exposure to alcohol, nicotine, and alcohol plus nicotine, on growth and development in rats. ABEL, E. L., B. A. DINTCHEFF and N. DAY .....	153
Consequences in adult female rats of neonatal morphine pellet implantation. SONDEREGGER, T., S. O'SHEA and E. ZIMMERMANN .....	161
Neonatal monosodium glutamate administration increases susceptibility to chemically-induced convulsions in adult mice. PIZZI, W. J., J. R. UNNERSTALL and J. E. BARNHART .....	169