

# in vivo

International Journal of Experimental and Clinical Pathophysiology and Drug Research

Volume 21, Number 4, July-August 2007

## Contents

### *Experimental Studies*

- Effects of Acute Exposure to a 1439 MHz Electromagnetic Field on the Microcirculatory Parameters in Rat Brain. H. MASUDA, A. USHIYAMA, S. HIROTA, K. WAKE, S. WATANABE, Y. YAMANAKA, M. TAKI, C. OHKUBO (*Saitama; Koganei; Hachioji, Tokyo, Japan; Geneva, Switzerland*) ..... 555
- Effects of Subchronic Exposure to a 1439 MHz Electromagnetic Field on the Microcirculatory Parameters in Rat Brain. H. MASUDA, A. USHIYAMA, S. HIROTA, K. WAKE, S. WATANABE, Y. YAMANAKA, M. TAKI, C. OHKUBO (*Saitama; Koganei; Hachioji, Tokyo, Japan; Geneva, Switzerland*) ..... 563
- Histone H1 and Cdk1 Kinase Activities in Early Embryos of Four Mouse Strains after X-irradiation. S. BAATOUT, W. MÜLLER, A. MICHAUX, J. BUSET, W. SCHOONJANS, P. JACQUET (*Mol, Belgium; Essen, Germany*)..... 571
- Increased Bone Mineral Density in Aged Rats with Spontaneous Mammary Dysplasia. H. KAWAGUCHI, Y. UMEKITA, M. SOUDA, K. GEJIMA, H. KAWASHIMA, H. MAEDA, H. MIYAJIMA, R. NAGATA, H. YOSHIDA (*Kagoshima, Japan*)..... 583
- Intracellular Signal Transduction in Mouse Oocytes and Irradiated Early Embryos. S. BAATOUT, R. JAUSSE, A. MICHAUX, J. BUSET, W. SCHOONJANS, P. JACQUET (*Mol, Belgium; Villigen, Switzerland*)..... 587
- Overexpression of CHP2 Enhances Tumor Cell Growth, Invasion and Metastasis in Ovarian Cancer. Q. JIN, B. KONG, X. YANG, B. CUI, Y. WEI, Q. YANG (*Ji'nan, Shandong, China; New Brunswick, NJ, USA*)..... 593
- Schistosome-induced Pathology is Exacerbated and Th2 Polarization Is Enhanced During Pregnancy. I.O. FARAH, D. LANGOI, J. NYAUNDI, J. HAU (*Nairobi, Kenya; Uppsala, Sweden; Copenhagen, Denmark*) ..... 599

*Contents continued at the back cover*