

in vivo

International Journal of Experimental and Clinical Pathophysiology and Drug Research

Volume 22, Number 6, November-December 2008

Contents

Experimental Studies

- Effects of Lipopolysaccharide Endotoxin on the Insulin-like Growth Factor I System in Rats with Cirrhosis. K.L. THOMSEN, S.S. NIELSEN, H. GRØNBÆK, A. FLYVBJERG, H. VILSTRUP (*Aarhus, Denmark*) ... 655
- The Frequency of Gastric Amyloidosis in Baboons. A 22-year Survey at a Large Primate Facility. C.A. RUBIO, E.J. DICK Jr., G.B. HUBBARD (*San Antonio, TX, USA*)..... 663
- Development and Validation of a Multi-dose Neutropenic Rat Thigh Infection Model Using Real-time Monitoring of *Staphylococcus aureus* Growth *In Vivo*. H. ZHANG, G. KALKERI, N. MANI, T.H. GROSSMAN (*Cambridge, MA, USA*)..... 667
- Nitric Oxide Effects on the Function of Aged Cells *Ex Vivo* and *In Vivo*. M.J. REED, D. EYMAN, N. KARRES (*Seattle, WA, USA*)..... 673
- Further Studies on Long-term Preservation of Rat Liver: Celsior versus UW Solution. A. FERRIGNO, A. TARTAGLIA, A. DI NUCCI, V. BERTONE, P. RICHELMI, D. NERI, I. FREITAS, M. VAIRETTI (*Pavia; Padua, Italy*) 681
- Modulation of Eosinophil Survival by Epinastine Hydrochloride, an H₁ Receptor Antagonist, *In Vitro*. F. WATASE, S. WATANABE, K.-I. KANAI, N. YAMADA, S. SAKAUE, K. ASANO, T. HISAMITSU, H. SUZAKI (*Tokyo, Japan*)..... 687
- Biodistribution and Pharmacokinetics of Transgenic Pigproduced Recombinant Human Factor IX (rhFIX) in Rats. C.-H. CHANG, T.-K. CHOU, C.-Y. YANG, T.-J. CHANG, Y.-H. WU, T.-W. LEE (*Taoyuan; Miaoli, Taiwan, ROC*)..... 693
- Effects of Neonatal Administration of Diethylstilbestrol on Aberrant Crypt Foci Induced by 7,12-Dimethylbenz[*a*]anthracene in Rats. H. KAWASHIMA, H. KAWAGUCHI, Y. UMEKITA, M. SOUDA, K. GEJIMA, T. KOMOKATA, R. SAKATA, H. YOSHIDA (*Kagoshima, Japan*)..... 699

Contents continued on the back cover

The Effect of Chemotherapy against Micrometastases and Isolated Tumor Cells in Lymph Nodes: An <i>In Vivo</i> Study. T. EGUCHI, Y. KODERA, H. NAKANISHI, H. YOKOYAMA, N. OHASHI, Y. ITO, G. NAKAYAMA, M. KOIKE, M. FUJIWARA, A. NAKAO (<i>Nagoya, Japan</i>)	707
Aberrant Activation of Interleukin-9 Receptor and Downstream Stat3/5 in Primary T-cell Lymphomas <i>In Vivo</i> in Susceptible B6 and Resistant C3H Mice. Y. SHANG, S. KAKINUMA, Y. AMASAKI, M. NISHIMURA, Y. KOBAYASHI, Y. SHIMADA (<i>Funabashi; Chiba, Japan</i>)	713
The Frequency of Histological Features Mimicking Reflux Esophagitis: A Study in Non-human Primates. C.A. RUBIO, E.J. DICK Jr., L. FORSELL, G.B. HUBBARD (<i>San Antonio, TX, USA</i>)	721
The Prevalence of Colonic Amyloidosis in Baboons. A 22-year Survey at a Large Primate Facility. C.A. RUBIO, E.J. DICK Jr., G.B. HUBBARD (<i>San Antonio, TX, USA</i>)	725
Effects of Luteolin by Oral Administration on Distribution and Metabolism of 2-Aminofluorene in Male Sprague-Dawley Rats. M.-D. YANG, S.-Y. LIN, T.-H. CHIU, C.-C. LIN, M.-L. LIN, S.-C. HSU, C.-L. KUO, M.-J. SHEU, C.-C. WU, S.-S. LIN, J.-G. CHUNG (<i>Taichung; Fong Yuan; Kaohsiung, Taiwan, ROC</i>)	729
* The Role of Urokinase-type Plasminogen Activator (uPA) and Transforming Growth Factor Beta 1 (TGF β 1) in Muscle Regeneration. A. PHILIPPOU, M. MARIDAKI, M. KOUTSILIERIS (<i>Athens, Greece</i>)	735
Electrochemotherapy-induced Radiation Recall in a Cat. E.P. SPUGNINI, I. DOTSINSKY, N. MUDROV, G. CITRO, G. CARUSO, P. CARDELLI, A. BALDI (<i>Rome; Naples, Italy; Sofia, Bulgaria</i>)	751
Prostate as Sole Unusual Recurrence Site of Lymphoma in a Dog. R. ASSIN, A. BALDI, G. CITRO, E.P. SPUGNINI (<i>Rome; Naples, Italy</i>)	755
Adjuvant Carboplatin for the Treatment of Intestinal Carcinoid in a Dog. E.P. SPUGNINI, M. GARGIULO, R. ASSIN, A. D'AVINO, P. MELLONE, G. CITRO, P. CARDELLI, A. BALDI (<i>Rome; Naples, Italy</i>)	759
Antibacterial Effect of Octylcyanoacrylate against Methicillin-resistant <i>Staphylococcus aureus</i> Isolates from Patients with Chronic Suppurative Otitis Media. C.H. JANG, H. PARK, C.H. CHOI, Y.B. CHO, I.Y. PARK (<i>Gwangju; Cheonan, South Korea</i>)	763
* <i>In Vivo</i> Models For Heart Failure Research. A. HALAPAS, A. PAPALOIS, A. STAUROPOULOU, A. PHILIPPOU, N. PISSIMISSIS, A. CHATZIGEORGIOU, E. KAMPER, M. KOUTSILIERIS (<i>Athens, Greece</i>)	767
Effects of Curcumin on <i>N</i> -bis(2-Hydroxypropyl)nitrosamine (DHPN)-induced Lung and Liver Tumorigenesis in BALB/c Mice <i>In Vivo</i> . A.-C. HUANG, S.-Y. LIN, C.-C. SU, S.-S. LIN, C.-C. HO, T.-C. HSIA, T.-H. CHIU, C.-S. YU, S.-W. IP, T.-P. LIN, J.-G. CHUNG (<i>Yuanlin, Changhua; Hualien; Taichung; Wufeng, Taiwan, ROC</i>)	781
Inhibition of Human Cytomegalovirus IE Gene Expression by Dihydro- β -agarofuran Sesquiterpenes Isolated from <i>Euonymus</i> Species. R. PUSZTAI, J. HOHMANN, D. RÉDEI, H. ENGI, J. MOLNÁR (<i>Szeged, Hungary</i>)	787

Early Modification of <i>c-myc</i> , <i>Ha-ras</i> and <i>p53</i> Expressions by <i>N</i> -Methyl- <i>N</i> -nitrosourea. F. BUDÁN, T. VARJAS, G. NOWRASTEH, Z. VARGA, I. BONCZ, J. CSEH, I. PRANTNER, T. ANTAL, E. PÁZSIT, G. GÓBEL, M. BAUER, T. GRACZA, P. PERJÉSI, I. EMBER, Z. GYÖNGYI (<i>Pécs; Székesfehérvár; Miskolc, Hungary</i>).....	793
<i>Clinical Studies</i>	
Validation of the Energy Index Point Score to Serially Measure the Degree of Disability in Patients with Chronic Fatigue Syndrome. A.M. LERNER, S.H. BEQAJ, J.T. FITZGERALD (<i>Royal Oak; Ann Arbor, MI; Indianapolis, IN, USA</i>).....	799
Salvage Surgery for Locoregional Failure after Definitive Radiotherapy for Base of Tongue Cancer. M. KÁSLER, J. FODOR, F. OBERNA, T. MAJOR, C. POLGÁR, Z. TAKÁCSI-NAGY (<i>Budapest; Kecskemét, Hungary</i>).....	803
Late Liver Metastases of Choroidal Melanoma Detected by Laparoscopy. R. ORLANDO, F. LUMACHI (<i>Padova, Italy</i>).....	807
Umbilical Endometriosis, Our Experience. L.A. DESSY, E.M. BUCCHERI, S. CHIUMMARIELLO, D.N. GAGLIARDI, M.G. ONESTI (<i>Rome; Perugia, Italy</i>).....	811
Inflammatory Pseudotumor of the Hypopharynx: Clinical Diagnosis, Immunohistochemical Findings and Treatment of this Rare Disease. H. GRAEFE, F. STELLMACHER, K. SOTLAR, B. WOLLENBERG, E. GEHRKING (<i>Lübeck; Munich, Germany</i>).....	817
Recurrent Atypical Eccrine Spiradenoma of the Forehead. S. DELFINO, V. TOTO, B. BRUNETTI, A. BIANCHI, A. BALDI, P. PERSICHETTI (<i>Rome; Naples, Italy</i>).....	821
Systemic Sclerosis Associated with Rectal Cancer. Case Report and a Brief Review of the Literature. G. ORPHANOS, A. ARDAVANIS, P. CHARALAMBOUS, J. STAVRAKAKIS, G. RIGATOS (<i>Athens, Greece; Nicosia, Cyprus</i>).....	825
Low-dose Oral Metronomic Chemotherapy Prevents Mobilization of Endothelial Progenitor Cells into the Blood of Cancer Patients. S. STOELTING, T. TREFZER, J. KISRO, A. STEINKE, T. WAGNER, S.O. PETERS (<i>Luebeck, Germany</i>).....	831
DNA Aneuploidy Study for Early Detection of Chromosomal Abnormality in Patients with Aplastic Anemia: Prognostic and Therapeutic Implications. P. TRIPATHI, A.K. TRIPATHI, A. KUMAR, R. AHMAD, A.K. BALAPURE, A.L. VISHWAKERMA, R.K. SINGH (<i>Lucknow, India</i>).....	837
A Study of Surgical Psychoncology in Breast Cancer: Perioperative Variation of Prolactin Serum Levels in Women with Operable Breast Cancer in Relation to their Maternal Psychological Behaviour. G. MESSINA, P. LISSONI, F. BRIVIO, F. ROVELLI, L. FUMAGALLI, E. BARTOLACELLI, U. MAZZA, E. COLOMBO, A. BERTOGLIO (<i>Milan, Italy</i>).....	845
Index.....	849

* Review (page 735, 767)