

in vivo

International Journal of Experimental and Clinical Pathophysiology and Drug Research

Volume 21, Number 6, November-December 2007

Contents

Experimental Studies

Prevention of Liver Fibrosis by the Purinoceptor Antagonist Pyridoxal-Phosphate-6-Azophenyl-2',4'-Disulfonate (PPADS). J.A. DRANOFF, E.A. KRUGLOV, O. ABREU-LANFRANCO, T. NGUYEN, G. AURORA, D. JAIN (<i>New Haven, CT, USA</i>)	957
An Immunohistochemical Evaluation of Phosphorylated Akt at Threonine 308 [pAkt(Thr308)] in Invasive Breast Cancer. C. MAGKOU, E. MYLONA, I. THEOHARI, I. GIANNOPOLOU, E. PAPANIKOLAOU, S. MARKAKI, L. NAKOPOULOU (<i>Athens, Greece</i>)	967
Four Cardiac Hormones Eliminate up to Two-Thirds of Human Breast Cancers in Athymic Mice. D.L. VESELY, B.A. VESELY, E.J. EICHELBAUM, Y. SUN, A.A. ALLI, W.R. GOWER JR. (<i>Tampa, FL, USA</i>)	973
Comparative Radical-scavenging Activity of Curcumin and Tetrahydrocurcumin with Thiols as Measured by the Induction Period Method. Y. KADOMA, S. FUJISAWA (<i>Tokyo; Saitama, Japan</i>)....	979
Effects of Prepubertal Indole-3-Carbinol Treatment on Development of <i>N</i> -Methyl- <i>N</i> -Nitrosourea-induced Mammary Carcinomas in Female Sprague-Dawley Rats. N. SHIMANO, N. UEHARA, Y. KIYOKUKA, N. SHIKATA, A. TSUBURA (<i>Osaka, Japan</i>)	983
Gastric Tonometry and Impedance Spectroscopy as a Guide to Resuscitation Therapy During Experimental Septic Shock in Pigs. C.A. GONZÁLEZ, C. VILLANUEVA, F.T. KANEKO-WADA, E. SACRISTÁN (<i>México, D.F., México</i>)	989
Coumarin Induces Cell Cycle Arrest and Apoptosis in Human Cervical Cancer HeLa Cells through a Mitochondria- and Caspase-3 Dependent Mechanism and NF-κB Down-regulation. J.-Y. CHUANG, Y.-F. HUANG, H.-F. LU, H.-C. HO, J.-S. YANG, T.-M. LI, N.-W. CHANG, J.-G. CHUNG (<i>Taichung; Taipei, Taiwan, ROC</i>).....	1003

Contents continued on the back cover

Shikonin-induced Apoptosis Involves Caspase-3 Activity in a Human Bladder Cancer Cell Line (T24). C.-C. YEH, H.-M. KUO, T.-M. LI, J.-P. LIN, F.-S. YU, H.-F. LU, J.-G. CHUNG, J.-S. YANG (Taichung; Taipei, Taiwan, ROC)	1011
Hyperthyroidism is Associated with Increased Aortic Oxidative DNA Damage in a Rat Model. K.G. MOULAKAKIS, M.V. POULAKOU, K.I. PARASKEVAS, I. DONTAS, I.S. VLACHOS, D.P. SOKOLIS, T. DOSIOS, P.E. KARAYANNACOS, D. PERREA (Athens, Greece; London, UK)	1021
Antibacterial Effect of Tea-tree Oil on Methicillin-resistant <i>Staphylococcus aureus</i> Biofilm Formation of the Tympanostomy Tube: An <i>In Vitro</i> Study. H. PARK, C.-H. JANG, Y.B. CHO, C.-H. CHOI (Gwangju, South Korea)	1027
The (-590 C/T) Polymorphism in the Interleukin-4 Gene is Associated with Increased Risk for Early Stages of Corolectal Adenocarcinoma. A. YANNOPOULOS, N. NIKITEAS, A. CHATZITHEOFYLAKTOU, C. TSIGRIS (Athens, Greece)	1031
Effects of Aucubin on the Healing of Oral Wounds. K.M. SHIM, S.H. CHOI, M.-J. JEONG, S.S. KANG (Gwangju; Chungbuk, South Korea)	1037
Effect of Topical Dexamethasone on Sensorineural Hearing Loss in Endotoxin-induced Otitis Media. C.H. JANG, Y.B. CHO, C.H. CHOI, S.Y. PARK, S.C. PAK (Gwangju; Ilsan, South Korea; Bathurst, NSW, Australia)	1043
Photodynamic Therapy versus Thermal Laser Photocoagulation for the Treatment of Recurrent Choroidal Neovascularization due to AMD. A. KALLITSIS, M.M. MOSCHOS, I.D. LADAS (Athens, Greece)	1049
Baicalein Induces Apoptosis in SCC-4 Human Tongue Cancer Cells via a Ca ²⁺ -dependent Mitochondrial Pathway. Y.-T. LIN, J.-S. YANG, H.-J. LIN, T.-W. TAN, N.-Y. TANG, J.-H. CHAING, Y.-H. CHANG, H.-F. LU, J.-G. CHUNG (Miaoli; Taichung; Taipei, Taiwan, ROC)	1053
<i>In Vivo</i> Effects of Afobazole (2-Mercaptobenzimidazole Derivative) on the 7,12-Dimethylbenz[a]anthracene-induced Oncogene and Suppressor Gene Expression. I. SZANYI, L. LUJBER, I. GERLINGER, J. PYTEL, M. BAUER, A. CSEJTEY, E. SZELE, K. GOMBOS, I. KISS, S. SEREDENIN, M. YARKOVA, I. EMBER (Pécs; Szombathely, Hungary; Moscow, Russia)	1059
No Association with Risk for Colorectal Cancer of the Insertion/Deletion Polymorphism which Affects Levels of Angiotensin-converting Enzyme. N. NIKITEAS, C. TSIGRIS, A. CHATZITHEOFYLAKTOU, A. YANNOPOULOS (Athens, Greece)	1065
Regional Differences in the Expression of Nitric Oxide Synthase and Specific Receptors in the Vascular Tissues of Control and Diabetic Rabbits: A Pilot Study. M.E. ALNAEB, C.S. THOMPSON, A.M. SEIFALIAN, G. HAMILTON, D.P. MIKHAILIDIS (London, UK)	1069

Clinical Studies

Semen DNA Fragmentation Index, Evaluated with Both TUNEL and Comet Assay, and the ICSI Outcome. G.S. CAGLAR, F. KÖSTER, B. SCHÖPPER, B. ASIMAKOPOULOS, B. NEHLS, N. NIKOLETTOS, K. DIEDRICH, S. AL-HASANI (Lübeck, Germany; Alexandroupolis, Greece)	1075
--	------

A Rare Case of Desquamative Gingivitis due to Linear IgA Disease: Morphological and Immunofluorescence Features. F. ANGIERO, S. BENEDICENTI, R. CRIPPA, S. MAGISTRO, D. FARRONATO, M. STEFANI <i>(Milan, Italy)</i>	1081
Intraarterial Hepatic Chemoembolization of Liver Metastases from Colorectal Cancer Adopting Irinotecan-eluting Beads: Results of a Phase II Clinical Study. G. FIORENTINI, C. ALIBERTI, G. TURRISI, A. DEL CONTE, S. ROSSI, G. BENEÀ, P. GIOVANIS (<i>Florence; Ferrara; Belluno, Italy</i>).....	1087
Vacuum-assisted Breast Biopsy: Insight into Stress-induced Endocrine Events. A. GOUNARIS, F. ZAGOURI, T.N. SERGENTANIS, X. PROVATOPPOULOU, E. KALOGERA, A. SAGKRIOTIS, J. BRAMIS, G.C. ZOGRAFOS (<i>Athens, Greece</i>).....	1095
Risk Factors of Endoleak Following Endovascular Repair of Abdominal Aortic Aneurysm. A Multicentric Retrospective Study. M. FREGO, F. LUMACHI, G. BIANCHERA, F. PILON, M. SCARPA, C. RUFFOLO, L. POLESE, I. ANGRIMAN, L. NORBERTO, D. MIOTTO, R. MOTTA, A. ZANON, G. PICCHI (<i>Padova, Italy</i>).....	1099
A Single Method to Document the Size of Endoscopically-excised Colorectal Polyps. C.A. RUBIO (<i>Stockholm, Sweden</i>).....	1103
Metabolic Effects of Rosiglitazone and Metformin in Greek Patients with Recently Diagnosed Type 2 Diabetes F. ILIADIS, N.P. KADOGLOU, A. HATZITOLIOS, M. KARAMOUZIS, M. ALEVIZOS, D. KARAMITSOS (<i>Thessaloniki; Athens, Greece</i>).....	1107
Neuropsychological Assessment of Cognitive Function in Chronic Alcohol-dependent Patients and Patients with Alzheimer's Disease. I. LIAPPAS, I. THEOTOKA, E. KAPAKI, I. ILIAS, G.P. PARASKEVAS, C.R. SOLDATOS (<i>Athens; Patras, Greece</i>)	1115
Imaging Findings in a 3-year-old Girl with Type III Pleuropulmonary Blastoma. J. GEIGER, K. WALTER, M. UHL, T.A. BLEY, E. JÜTTNER, I. BRINK, A. KIRSCHBAUM, U. KONTNY (<i>Freiburg, Germany</i>)	1119
Epithelioid Haemangioendothelioma of the Lung Presenting with Pulmonary Nocardiosis. V. ANAGNOSTOU, E. MOSSA, S. MIHAS, A. LEPOURAS, D.G. TINIAKOS (<i>Athens, Greece</i>)	1123
INDEX, Volume 21, 2007	1127