

# in vivo

**International Journal of Experimental and Clinical Pathophysiology and Drug Research**

**Volume 19, Number 2, March-April 2005**

## **Contents**

Murine Polyomavirus-VP1 Virus-like Particles Immunize against some Polyomavirus-induced Tumours. A. VLASTOS FRANZÉN, K. TEGERSTEDT, D. HOLLÄNDEROVÁ, J. FORSTOVA, T. RAMQVIST, T. DALIANIS ( <i>Stockholm, Sweden; Prague, Czech Republic</i> ).....	323
Inhibition of Branching Morphogenesis of Mouse Fetal Submandibular Gland by Sodium Fluoride – Protection by Epidermal Growth Factor. T. NAKA, S. MARUYAMA, T. NAGAO, F. TAKAYAMA, J. MAKI, T. YASUI, H. SAKAGAMI, S. OHKAWA ( <i>Saitama; Kanagawa, Japan</i> ).....	327
Osteoclasts Resorb Protein-free Mineral (Osteologic™ Discs) Efficiently in the Absence of Osteopontin. T. CONTRACTOR, B. BABIARZ, A.J. KOWALSKI, S.R. RITTLING, E.S. SØRENSEN, D.T. DENHARDT ( <i>Union; Piscataway, NJ, USA; Aarhus, Denmark</i> ).....	335
Immunohistochemical Analysis of Radiation-induced Non-healing Dermal Wounds of the Head and Neck. F. RIEDEL, K. PHILIPP, H. SADICK, U. GOESSLER, K. HÖRMANN, T. VERSE ( <i>Mannheim; Ludwigshafen, Germany</i> ).....	343
Herpes Simplex Virus as a Determinant Risk Factor for Coronary Artery Atherosclerosis and Myocardial Infarction. D. KOTRONIAS, N. KAPRANOS ( <i>Athens, Greece</i> ) .....	351
Replication Error-positive Samples Found in Pheochromocytomas. N. PECINA-SLAUS, T. NIKUSEVA-MARTIC, K. GALL-TROSELJ, K. RADIC, R. HRASCAN ( <i>Zagreb, Croatia</i> ) .....	359
<i>In Vitro</i> Search for Synergy Between Flavonoids and Epirubicin on Multidrug-resistant Cancer Cells. N. GYÉMANT, M. TANAKA, S. ANTUS, J. HOHMANN, O. CSUKA, L. MANDOKY, J. MOLNAR ( <i>Szeged; Budapest, Hungary</i> ).....	367
RhinoVax® is an Efficient Adjuvant in Oral Immunisation of Young Chickens and Cholera Toxin B is an Effective Oral Primer in Subcutaneous Immunisation with Freund's Incomplete Adjuvant. S.L. MAYO, M. TUFVESSON, H.-E. CARLSSON, F. ROYO, S. GIZURARSON, J. HAU ( <i>Uppsala, Sweden; Reykjavik, Iceland</i> ).....	375
Bronchogenic Gastric Cyst. A Case Report. C.A. RUBIO, A. ORREGO, R. WILLÉN ( <i>Stockholm; Uppsala, Sweden</i> ).....	383

*Contents continued at the back cover*

*Contents continued*

Exercise Capacity and Immune Function in Male and Female Patients with Chronic Fatigue Syndrome (CFS). C.R. SNELL, J.M. VANNESS, D.R. STRAYER, S.R. STEVENS ( <i>Stockton; Ripon, CA; Philadelphia, PA, USA</i> ).....	387
Cytotoxicity and Radical Modulating Activity of Moxa Smoke. H. SAKAGAMI, H. MATSUMOTO, K. SATOH, S. SHIODA, C.S. ALI, K. HASHIMOTO, H. KIKUCHI, H. NISHIKAWA, S. TERAKUBO, Y. SHOJI, H. NAKASHIMA, J. SHIMADA ( <i>Saitama; Tokyo; Kanagawa, Japan</i> ) .....	391
N-Acetyltransferase is Involved in Baicalein-induced N-Acetylation of 2-Aminofluorene and DNA-2-Aminofluorene Adduct Formation in Human Leukemia HL-60 Cells. Y.-C. LI, Y.-S. TYAN, Y.-M. LEE, T.-Y. TSAO, J.-Y. CHUANG, H.-M. KUO, T.-C. HSIA, J.-H. YANG, J.-G. CHUNG ( <i>Taichung, Taiwan</i> ).....	399
Intra-serous Haematopoiesis. B. VAUNOIS, M. BREYTON, D. SEIGNEURIN, J. BOUTONNAT ( <i>Grenoble, France</i> ) .....	407
Therapeutic Use, Efficiency and Safety of the Proteolytic Pineapple Enzyme Bromelain-POS® in Children with Acute Sinusitis in Germany. J.M. BRAUN, B. SCHNEIDER, H.J. BEUTH ( <i>Leipzig; Hanover; Cologne, Germany</i> ).....	417
Precision Cut Tissue Slices of the Liver as Morphological Tool for Investigation of Apoptosis. H.-U. KASPER, V. DRIES, U. DREBBER, M.A. KERN, H.P. DIENES, P. SCHIRMACHER ( <i>Koeln, Germany</i> ).....	423
Effects of Selected Flavonoids and Carotenoids on Drug Accumulation and Apoptosis Induction in Multidrug-resistant Colon Cancer Cells Expressing MDR1/LRP. K. UGOCSAI, A. VARGA, P. MOLNAR, S. ANTUS, J. MOLNAR ( <i>Berlin, Germany; Szeged; Pécs; Debrecen, Hungary</i> ).....	433
* Cell Cycle and Apoptosis Deregulation in Classical Hodgkin Lymphomas. M. BAI, A. PAPOUDOU-BAI, P. KITSOULIS, N. HORIANOPOULOS, S. KAMINA, N.J. AGNANTIS, P. KANAVAROS ( <i>Ioannina, Greece</i> ).....	439
Quantitation of Apoptosis Induction by Etoposide or Hydroxyurea in Mouse Interleukin 3-dependent Lymphoma Cells. G. OLMOS, A. PRIETO, A. HERRAEZ, M.C. TEJEDOR, M. ALVAREZ-MON, J.C. DIEZ ( <i>Madrid, Spain</i> ).....	455
Oncogene Amplification and Overexpression of Oncoproteins in Thyroid Papillary Cancer. E. VARKONDI, F. GYORY, A. NAGY, I. KISS, I. EMBER, L. KOZMA ( <i>Budapest; Pécs; Debrecen, Hungary</i> ) .....	465
Inhibition by Moxa Smoke of NO Production and iNOS Expression in Mouse Macrophage-like Cells Raw 264.7. H. MATSUMOTO, J. SHIMADA, H. NAGASAKA, I. MATSUMOTO, K. HASHIMOTO, H. SAKAGAMI ( <i>Saitama, Japan</i> ) .....	471
Effects of Aspirin on the <i>In Vitro</i> and <i>In Vivo</i> Acetylation of 2-Aminofluorene in Sprague-Dawley Rats. S.-S. LIN, C.-S. YU, J.-Y. WU, Y.-S. TYAN, T.-C. HSIA, W.-C. LIN, J.-G. CHUNG ( <i>Taichung, Taiwan</i> ) .....	475
Modulation of Murine Tumor Growth and Colonization by Bromelaine, an Extract of the Pineapple Plant ( <i>Ananas Comosum L.</i> ). J. BEUTH, J.M. BRAUN ( <i>Koeln, Germany</i> ) .....	483

\* Review (page 439)