

in vivo

International Journal of Experimental and Clinical Pathophysiology and Drug Research

Volume 27, Number 1, January-February 2013

Contents

Reviews

- Breast Cancer: Mechanisms Involved in Action of Phytoestrogens and Epigenetic Changes. A. DAGDEMIR, J. DURIF, M. NGOLLO, Y.-J. BIGNON, D. BERNARD-GALLON (*Clermont-Ferrand, France*)..... 1

Experimental Studies

- Effects of Minocycline on Hematopoietic Recovery after Whole-body Irradiation. S. MEHROTRA, M.J. PECAUT, D.S. GRIDLEY (*Loma Linda, CA, USA*)..... 11
- Diverging *In Vitro* Antibody Isotype Switching Preference in B-Lymphocytes from C57BL/6 and FVB Mice. A.G. PUTHIYAVEETIL, B. OKYERE, C.M. REILLY, D. CAUDELL (*Blacksburg, VA, USA*)..... 29
- Biocompatibility of Membranes with Unrestricted Somatic Stem Cells. C. NAUJOKS, F. PAULßEN VON BECK, F. LANGENBACH, M. HENTSCHEL, K. BERR, M. HOFER, R. DEPFRICH, N. KÜBLER, J. HANDSCHEL (*Düsseldorf, Germany*)..... 41
- Catecholamines Reduce Dose-dependent Oedema Formation and Inflammatory Reaction in an Isolated Rat Lung Model. C. DACHO, A. DACHO, A. GEISLER, C. HAUSER, K. NOWAK, G. BECK (*Mannheim; Essen; Wiesbaden, Germany*)..... 49
- Cytogenetic Analysis of a Low-grade Secondary Peripheral Chondrosarcoma Arising in Synovial Chondromatosis. A.I. KYRIAZOGLU, H. RIZOU, E. DIMITRIADIS, N. ARNOGIANNAKI, N. AGNANTIS, N. PANDIS (*Athens; Ioannina, Greece*)..... 57
- Everolimus Dual Effects of an *Area Vasculosa* Angiogenesis and Lymphangiogenesis. R.A. CEAUŞU, A.M. CIMPEAN, I. DIMOVA, R. HLUSHCHUK, V. DJONOV, P.N. GAJE, M. RAICA (*Timișoara, Romania; Bern, Switzerland; Sofia, Bulgaria*)..... 61

Contents continued on the back cover

Immediate and Short-, Mid- and Long-term Effects of <i>In Vivo</i> Ionizing Radiation Exposure in BALB/c Mice: II. Activation of Phorbol Myristate Acetate and/or Calcium Ionophore on Lymphocyte Proliferation. J. HERNANDEZ-GODOY, D. PLANELLES, B. BALSALOBRE (<i>Valencia, Spain</i>).....	67
Structural Characterization of Anti-UV Components from <i>Sasa senanensis</i> Rehder Extract. T. MATSUTA, H. SAKAGAMI, T. SUGIURA, M. KITAJIMA, H. OIZUMI, T. OIZUMI (<i>Sakado, Saitama; Kanagawa, Japan</i>).....	77
Cytotoxicity of Dental Compounds towards Human Oral Squamous Cell Carcinoma and Normal Oral Cells. T. KOH, M. MACHINO, Y. MURAKAMI, N. UMEMURA, H. SAKAGAMI (<i>Sakado, Saitama, Japan</i>).....	85
Characteristics of MIC-1 Antlerogenic Stem Cells and Their Effect on Hair Growth in Rabbits. M. CEGIELSKI, I. IZYKOWSKA, M. CHMIELEWSKA, W. DZIEWISZEK, M. BOCHNIA, I. CAŁKOSIŃSKI, P. DZIEGIEL (<i>Wroclaw; Poznan, Poland</i>).....	97
Effects of Purified Glycerol from Biodiesel on miRNAs Compared to the Expression Profile of Selected mRNAs in Balb/c Mice. E. SZELE, K. GOMBOS, K. JUHASZ, V. WOHLER, A. KOVACS, I. EMBER (<i>Pécs; Budapest, Hungary</i>).....	107
Very Early Effect of DMBA and MNU on MicroRNA Expression. K. JUHASZ, K. GOMBOS, M. SZIRMAI, K. GÓCZE, V. WOLHER, P. RIVISZ, I. MAGDA, A. SEBESTYIN, A. NIMETH, I. EMBER (<i>Pécs, Hungary</i>).....	113
Anti-UV Activity of Newly-synthesized Water-soluble Azulenes. J.-I. UEKI, H. SAKAGAMI, H. WAKABAYASHI (<i>Sakado, Saitama, Japan</i>).....	119
Effects of Anaesthesia on Insulin Sensitivity and Metabolic Parameters in Wistar Rats. M.P. GUARINO, A.I. SANTOS, M. MOTA-CARMO, P.F. COSTA (<i>Lisbon; Leiria, Portugal</i>).....	127
Anti-UV Activity of Lignin–Carbohydrate Complex and Related Compounds. T. NANBU, J. SHIMADA, M. KOBAYASHI, K. HIRANO, T. KOH, M. MACHINO, H. OHNO, M. YAMAMOTO, H. SAKAGAMI (<i>Sakado, Saitama; Tokyo, Japan</i>).....	133
<i>Clinical Studies</i>	
Surgical Solutions for the Reconstruction of the Lower Eyelid: Canthotomy and Lateral Cantholysis for Full-thickness Reconstruction of the Lower Eyelid. G.M. TOMASSINI, A.L. RICCI, P. COVARELLI, F. CENCETTI, V. ANSIDEI, A. RULLI, S. SIMONETTI (<i>Perugia, Italy</i>).....	141
An Atypical Case of Henoch–Shönlein Purpura in a Young Patient: Treatment of the Skin Lesions with Hyaluronic Acid-based Dressings. S. CARELLA, M. MARUCCIA, P. FINO, M.G. ONESTI (<i>Rome, Italy</i>)...	147
Scalp Reconstruction using Dermal Induction Template: State of the Art and Personal Experience. L.A. DESSY, M. MAZZOCCHI, M.I. RIZZO, M.G. ONESTI, G. SCUDERI (<i>Rome; Perugia, Italy</i>).....	153