

in vivo

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Animal Models of *N*-Methyl-*N*-nitrosourea-induced Mammary Cancer and Retinal Degeneration with Special Emphasis on Therapeutic Trials. A. TSUBURA, Y.-C. LAI, H. MIKI, T. SASAKI, N. UEHARA, T. YURI, K. YOSHIZAWA (*Osaka, Japan*)

Intraesophageal Administration of GS-Nitroxide (JP4-039) Protects Against Ionizing Irradiation-induced Esophagitis. M.W. EPPERLY, J.P. GOFF, S. LI, X. GAO, P. WIPF, T. DIXON, H. WANG, D. FRANICOLA, H. SHEN, J.-C.M. RWIGEMA, V. KAGAN, M. BERNARD, J.S. GREENBERGER (*Pittsburgh, PA, USA*)

Effects of Combined Insulin-like Growth Factor 1 and Macrophage Colony-stimulating Factor on the Skeletal Properties of Mice. S.A. LLOYD, S.J. SIMSKE, L.K. BOGREN, S.E. OLESIAK, T.A. BATEMAN, V.L. FERGUSON (*Hershey, PA; Boulder; Fort Collins, CO; Chapel Hill, NC, USA*)

Cell Death Detection after High-LET Irradiation in an Orthotopic Human Hepatocellular Carcinoma *in Vivo*. A. ALTMAYER, M. IGNAT, J.-M. DENIS, N. MESSADDEQ, J. GUEULETTE, D. MUTTER, P. BISCHOFF (*Strasbourg; Illkirch Graffenstaden, France; Brussels, Belgium*)

Serum Calcium-decreasing Factor, Caldecrin, Ameliorates Muscular Dystrophy in *dy/dy* Mice. M. TOMOMURA, T. FUJII, H. SAKAGAMI, A. TOMOMURA (*Saitama; Tokushima, Japan*)

Nitric Oxide Concentrations are Normal and Unrelated to Activity Level in Chronic Fatigue Syndrome. M. MEEUS, I. VAN EUPEN, J. HONDEQUIN, L. DE HAUWERE, D. KOS, J. NIJS (*Antwerpen; Brussel, Belgium*)

Gene Expression Analysis of Oxidative Stress and Apoptosis in Proton-irradiated Rat Retina. X.W. MAO, L.M. GREEN, T. MEKONNEN, N. LINDSEY, D.S. GRIDLEY (*Loma Linda, CA, USA*)

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Novel Microminipig Model of Atherosclerosis by High Fat and High Cholesterol Diet, Established in Japan. N. MIYOSHI, M. HORIUCHI, Y. INOKUCHI, Y. MIYAMOTO, N. MIURA, S. TOKUNAGA, M. FUJIKI, Y. IZUMI, H. MIYAJIMA, R. NAGATA, K. MISUMI, T. TAKEUCHI, A. TANIMOTO, N. YASUDA, H. YOSHIDA, H. KAWAGUCHI (*Kagoshima; Osaka, Japan*)

CD95 and TNF α -induced Apoptosis in Liver Metastases of Colorectal Carcinoma. H.-U. KASPER, E. KONZE, M. KERN, D.L. STIPPEL (*Münster; Köln; Heidelberg, Germany*)

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A Possible Mechanism for Altered Immune Response in the Elderly. G. MAZZOCOLI, A. DE CATA, S. CARUGHI, A. GRECO, M. INGLESE, F. PERFETTO, R. TARQUINI (*San Giovanni Rotondo; Florence, Italy*)

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Meta-data Analysis as a Strategy to Evaluate Individual and Common Features of Proteome Changes in Breast Cancer. O. ZAKHARCHENKO, C. GREENWOOD, A. LEWANDOWSKA, U. HELLMAN, L. ALLDRIDGE, S. SOUCHELNYTSKYI (*Stockholm; Uppsala, Sweden; Chelmsford, UK; Olsztyn, Poland; Gold Coast, QLD, Australia*)

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Interleukin 6/Interleukin 6 Receptor Interaction and its Role as a Therapeutic Target for Treatment of Cachexia and Cancer. U.H. WEIDLE, S. KLOSTERMANN, D. EGGLE, A. KRÜGER (*Munich, Germany*)

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Epigenetic Inactivation of the Placentally Imprinted Tumor Suppressor Gene TFPI2 in Prostate Carcinoma. T. RIBARSKA, M. INGENWERTH, W. GOERING, R. ENGERS, W.A. SCHULZ (*Düsseldorf, Germany*)

Molecular Profiling Using Tissue Microarrays as a Tool to Identify Predictive Biomarkers in Laryngeal Cancer Treated with Radiotherapy. G. HOLLGERSSON, S. EKMAN, J. REIZENSTEIN, M. BERGQVIST, F. PONTÉN, M. UHLÉN, K. MAGNUSSON, P. JONNALAGADDA, A. ASPLUND, S. STRÖMBERG, A. LINDER, E. BLOMQUIST, M. LILJEHOLM, B. LÖDÉN, K. HELLSTRÖM, S. BERGSTRÖM (*Uppsala; Örebro; Gävle; Karlstad; Stockholm; Sweden; Mumbai, India*)

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