

# in vivo

- International Journal of Experimental and Clinical Pathophysiology and Drug Research
- Published bimonthly by the International Institute of Anticancer Research
- Available online with Stanford University HighWire Press

ISSN (print): 0258-851X; ISSN (online): 1791-7549

## General Policy

- IN VIVO is a multidisciplinary journal designed to bring together original high quality works and reviews on experimental and clinical biomedical research within the framework of comparative physiology and pathology. The special focus of the journal is the publication of works on: (a) experimental development and the application of new diagnostic procedures; (b) pharmacological and toxicological evaluation of new drugs and drug combinations; (c) development and characterization of models for biomedical research.
- One of the principal aims of IN VIVO is to provide for the prompt publication of accepted articles, generally within 1-2 months from final acceptance.
- IN VIVO supports: (a) the aims and the research programmes of the INTERNATIONAL INSTITUTE OF ANTICANCER RESEARCH (IIAR) (Kapandriti, Attiki, Greece) and (b) the organization of the INTERNATIONAL CONFERENCES OF ANTICANCER RESEARCH.

## Editorial Office

International Institute of Anticancer Research, 1st km Kapandritiou-Kalamou Rd., Kapandriti, P.O. Box 22, Attiki, 19014, Greece. Tel and Fax: +30-22950-53389; e-mail: journals@iiar-anticancer.org

For more information about IN VIVO, IIAR and the conferences please visit the IIAR websites: [www.iiar-anticancer.org](http://www.iiar-anticancer.org) and [www.iiarjournals.org](http://www.iiarjournals.org)

## Selection of Recent Articles

Repopulation of the Irradiation Damaged Lung with Bone Marrow-derived Cells. M.E. BERNARD, H. KIM, M.S. RAJAGOPALAN, B. STONE, U. SALIMI, J.-C. RWIGEMA, M.W. EPPERLY, H. SHEN, J.P. GOFF, D. FRANICOLA, T. DIXON, S. CAO, X. ZHANG, H. WANG, D.B. STOLZ, J.S. GREENBERGER (*Pittsburgh, PA, USA*)

15-Lipoxygenase-1 Induces Lipid Peroxidation and Apoptosis, and Improves Survival in Rat Malignant Glioma. H. VIITA, A. PACHOLSKA, F. AHMAD, J. TIETÄVÄINEN, J. NAARALA, A. HYVÄRINEN, T. WIRTH, S. YLÄ-HERTTUALA (*Kuopio; Joensuu, Finland*)

Identification of Four Isoforms of Aldolase B Down-regulated in Hepatocellular Carcinoma Tissues by Means of Two-dimensional Western Blotting. Y. WANG, Y. KURAMITSU, M. TAKASHIMA, Y. YOKOYAMA, N. IIZUKA, T. TAMESA, I. SAKAIDA, M. OKA, K. NAKAMURA (*Ube, Japan*)

Effects of Polo-like-kinase-1-inhibitor BI 2536 in Squamous Cell Carcinoma Cell lines of the Head and Neck- first In Vitro Results. J. WAGENBLAST, D. HIRTH, L. THRON, C. ARNOLDNER, M. DIENSTHUBER, T. STÖVER, M. HAMBEK (*Frankfurt am Main, Germany; Vienna, Austria*)

Expression Patterns and Potential Action of the Calcium Transport Genes Trpv5, Trpv6, Ncx1 and Pmca1b in the Canine Duodenum, Kidney and Uterus. J.-A. KIM, H. YANG, I. HWANG, E.-M. JUNG, K.-C. CHOI, E.-B. JEUNG (*Chungbuk, Republic of Korea*)

Association of IGF Axis Hormones with Waist-to-Hip Ratio Varies by Physical Activity. K.H. SCHMITZ, D. XIE, V. TEAL, R. BALLARD-BARBASH, D. BERRIGAN (*Philadelphia, PA; Bethesda, MD, USA*)

Post-operative Corticosterone Levels in Plasma and Feces of Mice Subjected to Permanent Catheterization and Automated Blood Sampling. R. SUNDBOM, K.R. JACOBSEN, O. KALLIOKOSKI, J. HAU, K.S.P. ABELSON (*Uppsala, Sweden; Copenhagen, Denmark*)

Familial Hodgkin's Lymphoma in Scandinavia. V. JÖNSSON, H. AWAN, E. NYQUIST, M. MAISENHÖLDER, T.B. JOHANNESSEN, B. LY, G.E. TJÖNNFJORD (*Oslo, Norway*)

Repair of Postauricular Defects Using a New Technique: The Swallowtail Flap. C. MONARCA, M. MARUCCIA, F. PALUMBO, N. SCUDERI (*Rome, Italy*)

Adipocyte-derived Factor as a Modulator of Oxidative Estrogen Metabolism: Implications for Obesity and Estrogen-dependent Breast Cancer. H.L. BRADLOW, D.W. SEPKOVIC, N. TELANG, R. TIWARI (*New York, NY, USA*)

No Cytomegalovirus Detected in the Gastrointestinal Tract of Patients with Active Crohns Disease. M.T. AARNIO, J.P. BÖHM, K.P. NUORVA, R.I. PITKÄNEN, T.H. KUOPIO, M.E. VOUTILAINEN (*Jyväskylä, Finland*)

Colon Cancer Vaccines: An Update (Review). E. MERIKA, M.W. SAIF, A. KATZ, C. SYRIGOS, M. MORSE (*London, UK; Haven, CT; Durham, NC, USA; Athens, Greece*)

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

Canine Mammary Tumours as a Model to Study Human Breast Cancer: Most Recent Findings (Review). F.L. QUEIROGA, T. RAPOSO, M.I. CARVALHO, J. PRADA, I. PIRES (*Vila Real, Portugal*)

Metastatic Potential of Orthotopic and Heterotopic Models Imaged by GFP and RFP Protein (Review). V. BOBEK, K. KOLOSTOVA, D. PINTEROVA, M. BOUBELIK, R. GURLICH, R.M. HOFFMAN (*Prague, Czech Republic; San Diego, CA, USA*)

Serotonin Transporter Polymorphism in Major Depressive Disorder (MDD), Psychiatric Disorders, and in MDD in Response to Stressful Life Events: Causes and Treatment with Antidepressant (Review). A. DANIELE, R. DIVELLA, A. PARADISO, V. MATTIOLI, F. ROMITO, F. GIOTTA, P. CASAMASSIMA, M. QUARANTA (*Bari, Italy*)

In Vivo Research Using Early Life Stage Models (Review). R. SEABRA, N. BHOGAL (*Nottingham, UK*)

**FREE SPECIMEN COPIES OF IN VIVO ARE AVAILABLE ON REQUEST**

Nutritional Parameters for Patients with Head and Neck Cancer. J. BÜNTZEL, T. KRAUß, H. BÜNTZEL, K. KÜTTNER, D. FRÖHLICH, W. OEHLER, M. GLATZEL, M. WACKES, J. PUTZIGER, O. MICKE, K. KISTERS, R. MÜCKE ( <i>Nordhausen; Suhl; Erfurt; Fulda; Bielefeld; Herne; Lemgo, Germany</i> )...	2119
Expression of Podoplanin in Nevroid Basal Cell Carcinoma Syndrome-Associated Keratocystic Odontogenic Tumours. R.E. FRIEDRICH, H.A. SCHEUER, J. ZUSTIN ( <i>Hamburg, Germany</i> ).....	2125
Infiltration of Colorectal Carcinoma by S100 <sup>+</sup> Dendritic Cells and CD57 <sup>+</sup> Lymphocytes as Independent Prognostic Factors after Radical Surgical Treatment. V. LISKA, O. VYCITAL, O. DAUM, P. NOVAK, V. TRESKA, J. BRUHA, P. PITULE, L. HOLUBEC ( <i>Prague, Czech Republic</i> ) .....	2129
A Retrospective <i>In Vitro</i> Study of the Impact of Anti-diabetics and Cardioselective Pharmaceuticals on Breast Cancer. M. SZEWCZYK, C. RICHTER, V. BRIESE, D.-U. RICHTER ( <i>Rostock; Göttingen, Germany</i> ) ...	2133
Vascular Wall Cells Contribute to Tumourigenesis in Cutaneous Neurofibromas of Patients with Neurofibromatosis Type 1. A Comparative Histological, Ultrastructural and Immunohistochemical Study. R.E. FRIEDRICH, A.-F. HOLSTEIN, R. MIDDENDORFF, M.S. DAVIDOFF ( <i>Hamburg; Gießen, Germany</i> ) .....	2139
Expression of the Tumor Markers Sialyl Lewis A, Sialyl Lewis X, Lewis Y, Thomsen-Friedenreich Antigen, Galectin-1 and Galectin-3 in Human Osteoblasts <i>In Vitro</i> . J. TÜBEL, B. SALDAMLI, I. WIEST, U. JESCHKE, R. BURGKART ( <i>Munich, Germany</i> ) .....	2159
Squamous Cell Carcinoma of the Sole of the Foot in Neurofibromatosis Type 1. R.E. FRIEDRICH, A. AL-DAM, C. HAGEL ( <i>Hamburg, Germany</i> ) .....	2165
Odontogenic Myxomas Are not Associated with <i>GNAS1</i> Mutations. R.E. FRIEDRICH, H.A. SCHEUER, A.T. ASSAF, T. GROB, J. ZUSTIN ( <i>Hamburg, Germany</i> ) .....	2169
Radiographic Findings of Odontogenic Myxomas on Conventional Radiographs. R.E. FRIEDRICH, H.A. SCHEUER, A. FUHRMANN, J. ZUSTIN, A.T. ASSAF ( <i>Hamburg, Germany</i> ) .....	2173
Nature and Dynamics of Nucleosome Release from Neoplastic and Non-neoplastic Cells. S. HOLDENRIEDER, F.T. KOLLIGS, J. BRAESS, D. MANUKYAN, P. STIEBER ( <i>Munich; Regensburg; Bonn, Germany</i> ) .....	2179
Determination of MUC1 in Sera of Ovarian Cancer Patients and in Sera of Patients with Benign Changes of the Ovaries with CA15-3, CA27.29, and PankoMab. U. JESCHKE, I. WIEST, A.L. SCHUMACHER, M. KUPKA, B. RACK, R. STAHN, U. KARSTEN, D. MAYR, K. FRIESE, D. DIAN ( <i>Munich; Berlin, Germany</i> ).....	2185
Combination Therapy with Gemcitabine (GEM) and Erlotinib (E) in Exocrine Pancreatic Cancer under Special Reference to RASH and the Tumour Marker CA19-9. R. KLAPDOR, S. KLAPDOR, M. BAHLO ( <i>Hamburg, Germany</i> ) .....	2191
Relevance of Histone Marks H3K9me3 and H4K20me3 in Cancer. G. LESZINSKI, U. GEZER, B. SIEGELE, O. STOETZER, S. HOLDENRIEDER ( <i>Munich; Bonn, Germany; Istanbul, Turkey</i> ) .....	2199
Size of Tooth Crowns and Position of Teeth Concerning the Extension of Facial Plexiform Neurofibroma in Patients with Neurofibromatosis Type 1. R.E. FRIEDRICH, M. GIESE, C. STELLJES, C. FROEDER, H.A. SCHEUER ( <i>Hamburg, Germany</i> ).....	2207
Errata .....	2215
Book Reviews .....	2217
Announcements .....	2224

\* Reviews (pages 1791, 1999)

Expression of Different Carbohydrate Tumour Markers and Galectins 1 and 3 in Normal Squamous and Malignant Epithelia of the Upper Aerodigestive Tract. I. WIEST, C. ALEXIOU, C. KUHN, S. SCHULZE, S. KUNZE, D. MAYR, P. BETZ, U. JESCHKE, D. DIAN ( <i>Munich; Erlangen, Germany</i> ) .....	2023
Similar Incidences of <i>TP53</i> Deletions in Extramedullary Organ Infiltrations, Soft Tissue and Osteolyses of Patients with Multiple Myeloma. L. BILLECKE, E.M. MURGA PENAS, A.M. MAY, M. ENGELHARDT, A. NAGLER, M. LEIBA, G. SCHIBY, N. KRÖGER, J. ZUSTIN, A. MARX, J. MATSCHKE, M. TIEMANN, E. GOEKKURT, C. BOKEMEYER, G. SCHILLING ( <i>Hamburg-Eppendorf; Freiburg; Hamburg; Aachen, Germany; Tel Hashomer, Israel</i> ) .....	2031
PI3K Inhibitor D-116883 is Effective in <i>In Vitro</i> Models of Ovarian Cancer. A. HONIG, J.C. HAHNE, S. MEYER, P. KRANKE, S. HÄUSLER, J. DIESSNER, J. DIETL, J.B. ENGEL ( <i>Würzburg, Germany</i> ) .....	2035
Scattering Effects of Irradiation on Surroundings Calculated for a Small Dental Implant. R.E. FRIEDRICH, M. TODOROVIC, M. HEILAND, H.A. SCHEUER, A. KRÜLL ( <i>Hamburg, Germany</i> ) .....	2043
Apoptosis-related Biomarkers sFAS, MIF, ICAM-1 and PAI-1 in Serum of Breast Cancer Patients Undergoing Neoadjuvant Chemotherapy. D.M.I. FERSCHING, D. NAGEL, B. SIEGELE, C. SALAT, V. HEINEMANN, S. HOLDENRIEDER, O.J. STOETZER ( <i>Munich; Bonn, Germany</i> ) .....	2047
Methodological and Preanalytical Evaluation of an HMGB1 Immunoassay. J. LEHNER, C. WITTWER, D. FERSCHING, B. SIEGELE, S. HOLDENRIEDER, O.J. STOETZER ( <i>Munich; Bonn, Germany</i> ) .....	2059
Peptidomimetic GnRH Antagonist AEZS-115 Inhibits the Growth of Ovarian and Endometrial Cancer Cells. J.B. ENGEL, J.C. HAHNE, S.F.M. HÄUSLER, S. MEYER, S. E. SEGERER, J. DIESSNER, J. DIETL, A. HONIG ( <i>Würzburg, Germany</i> ) .....	2063
Radiotherapy for Giant Cell Tumors of the Bone: A Safe and Effective Treatment Modality. J. KRIZ, H.T. EICH, R. MÜCKE, J. BÜNTZEL, R.-P. MÜLLER, F. BRUNS, M.H. SEEGENSCHMIEDT, G. GOSHEGER, O. MICKE, for the German Cooperative Group on Radiotherapy for Benign Diseases (GCG-BD) ( <i>Cologne; Muenster; Lemgo; Nordhausen; Hannover; Hamburg; Bielefeld, Germany</i> ) .....	2069
Methodological and Preanalytical Evaluation of a RAGE Immunoassay. C. WITTWER, J. LEHNER, D. FERSCHING, B. SIEGELE, O.J. STOETZER, S. HOLDENRIEDER ( <i>Munich; Bonn, Germany</i> ) .....	2075
Surgical and Oncological Outcomes in Patients with a Preoperative PSA Value <4 ng/ml Undergoing Robot-assisted Radical Prostatectomy. V. ZUGOR, J.H. WITT, R.M. BAUER, A.P. LABANARIS ( <i>Gronau; Munich, Germany</i> ) .....	2079
Robotic-assisted Radical Prostatectomy in Men $\geq 75$ Years of Age. Surgical, Oncological and Functional Outcomes. A.P. LABANARIS, J.H. WITT, D. PORRES, V. ZUGOR ( <i>Gronau, Germany</i> ) .....	2085
Surgical and Oncological Outcomes in Patients with Preoperative PSA >20 ng/ml Undergoing Robot-assisted Radical Prostatectomy. V. ZUGOR, J.H. WITT, A. HEIDENREICH, D. PORRES, A.P. LABANARIS ( <i>Gronau; Aachen, Germany</i> ) .....	2091
Robotic-assisted Radical Prostatectomy in Men $\leq 50$ Years of Age. Surgical, Oncological and Functional Outcomes. A.P. LABANARIS, V. ZUGOR, J.H. WITT ( <i>Gronau, Germany</i> ) .....	2097
Multiple Myeloma: Myeloablative Therapy with Autologous Stem Cell Support <i>versus</i> Chemotherapy: A Meta-analysis. F. FAUSSNER, W.C.M. DEMPKE ( <i>Munich, Germany</i> ) .....	2103
Parenteral Nutrition Support for Patients with Pancreatic Cancer – Improvement of the Nutritional Status and the Therapeutic Outcome. E. RICHTER, A. DENECKE, S. KLAPDOR, R. KLAPDOR ( <i>Hamburg, Germany</i> ) .....	2111

Treatment Strategies for Well-differentiated Liposarcomas and Therapeutic Outcomes. N. YAMAMOTO, K. HAYASHI, Y. TANZAWA, H. KIMURA, A. TAKEUCHI, K. IGARASHI, H. INATANI, S. SHIMOZAKI, S. KITAMURA, H. TSUCHIYA ( <i>Kanazawa, Ishikawa, Japan</i> ) .....	1821
A Combined Therapy with Docetaxel and Nedaplatin for Relapsed and Metastatic Esophageal Carcinoma. H. MATSUMOTO, Y. HIRABAYASHI, H. KUBOTA, H. MURAKAMI, M. HIGASHIDA, K. HARUMA, J. HIRATSUKA, M. NAKAMURA, T. HIRAI ( <i>Kurashiki City, Okayama, Japan</i> ) .....	1827
Salvage Chemotherapy with Cisplatin and 5-Fluorouracil in Metastatic Breast Cancer. Particular Activity against Liver Metastases. L. LEKAKIS, D. TRYFONOPOULOS, N. PISTAMATZIAN, C. PANOPOULOS, G. KOUMAKIS, S. DEMIRI, A. EFREMIDIS ( <i>Athens, Greece</i> ) .....	1833
Evaluation of Important Prognostic Clinical and Pathological Factors in Gastric Cancer. G. CAMMERER, A. FORMENTINI, M. KARLETSHOFER, D. HENNE-BRUNS, M. KORNMANN ( <i>Ulm, Germany</i> ) .....	1839
ABSTRACTS OF THE 22nd ANNUAL MEETING OF THE ITALIAN SOCIETY OF URO-ONCOLOGY (SIUrO). 13-15 June, 2012, Bologna, Italy .....	1843
PROCEEDINGS OF THE 15th INTERNATIONAL HAMBURG SYMPOSIUM ON TUMOR MARKERS. 29-31 May, 2011, Hamburg, Germany .....	1967
Cytokeratin Serum Biomarkers in Patients with Colorectal Cancer. S. HOLDENRIEDER, P. STIEBER, V. LISKA, V. TRESKA, O. TOPOLCAN, J. DRESLEROVA, V.M. MATEJKA, J. FINEK, L. HOLUBEC ( <i>Munich; Bonn, Germany; Pilsen, Czech Republic</i> ) .....	1971
Chromosomal Rearrangements in <i>PLAG1</i> of Myoepithelial Salivary Gland Tumours. R.E. FRIEDRICH, J. DILCHER, M. JAEHNE, T. LÖNING ( <i>Hamburg, Germany</i> ) .....	1977
Real-time Cell Analysis of Human Cancer Cell Lines after Chemotherapy with Functionalized Magnetic Nanoparticles. S. DÜRR, S. LYER, J. MANN, C. JANKO, R. TIETZE, E. SCHREIBER, M. HERRMANN, C. ALEXIOU ( <i>Erlangen, Germany</i> ) .....	1983
Vitamin D Status and Per-oral Vitamin D Supplementation in Patients Suffering from Chronic Pancreatitis and Pancreatic Cancer Disease. S. KLAPDOR, E. RICHTER, R. KLAPDOR ( <i>Hamburg, Germany</i> ) .....	1991
* Short Review: Surgery for Advanced and Metastatic Pancreatic Cancer – Current State and Trends. M.F. NENTWICH, M. BOCKHORN, A. KÖNIG, J.R. IZBICKI, G. CATALDEGIRMEN ( <i>Hamburg, Germany</i> ) .....	1999
Two-marker Combinations for Preoperative Discrimination of Benign and Malignant Ovarian Masses. M.K. FREYDANCK, R.P. LAUBENDER, B. RACK, L. SCHUHMACHER, U. JESCHKE, C. SCHOLZ ( <i>Munich; Düsseldorf, Germany</i> ) .....	2003
Circulating Microparticles in Patients with Benign and Malignant Ovarian Tumors. A. RANK, S. LIEBHARDT, J. ZWIRNER, A. BURGESS, R. NIEUWLAND, B. TOTH ( <i>Augsburg; Munich; Heidelberg, Germany; Amsterdam, Netherlands</i> ) .....	2009
Comparative Analysis of Sensitivity to Blood in the Urine for Urine-based Point-of-Care Assays (UBC rapid, NMP22 BladderChek and BTA-stat) in Primary Diagnosis of Bladder Carcinoma. Interference of Blood on the Results of Urine-based POC Tests. G. LÜDECKE, A. PILATZ, A. HAUPTMANN, T. BSCHLEIPFER, W. WEIDNER ( <i>Gießen, Germany</i> ) .....	2015
Expression of Podoplanin in Primary and Metastatic Poorly Differentiated and Undifferentiated Carcinomas of the Head and Neck. R.E. FRIEDRICH, S. BARTEL-FRIEDRICH, C. HAGEL ( <i>Hamburg; Halle a.d.S., Germany</i> ) .....	2019

Presurgical Treatment with Sunitinib for Renal Cell Carcinoma with a Level III/IV Vena Cava Tumour Thrombus. T. HORN, M.K. THALGOTT, T. MAURER, K. HAUNER, S. SCHULZ, A. FINGERLE, M. RETZ, J.E. GSCHWEND, H.R. KÜBLER ( <i>Munich; Berlin, Germany</i> ) .....	1729
Vaginal Fistula in a Patient with Relapsed Ovarian Cancer and Amelanotic Melanoma. M.Z. MUALLEM, S. YILDIZ, R. ARSENIC, U. TREFZER, J. SEHOULI ( <i>Berlin, Germany; Ankara, Turkey</i> ) .....	1737
Survival of a Patient with Anaplastic Thyroid Cancer Following Intensity-modulated Radiotherapy and Sunitinib -A Case Report. J.D. SCHOENFELD, O.O. ODEJIDE, L.J. WIRTH, A.W. CHAN ( <i>Boston, MA, USA</i> ) .....	1743
Decrease of CD44-positive Cells Correlates with Tumor Response to Chemotherapy in Patients with Gastrointestinal Cancer. V. PALAGANI, M. EL KHATIB, T. KRECH, M.P. MANNS, N.P. MALEK, R.R. PLENTZ ( <i>Tuebingen; Hannover, Germany</i> ) .....	1747
Expression Levels of Thymidylate Synthase, Dihydropyrimidine Dehydrogenase, and Thymidine Phosphorylase in Patients with Colorectal Cancer. T. GOTO, K. SHINMURA, K. YOKOMIZO, K. SAKURABA, Y. KITAMURA, A. SHIRAHATA, M. SAITO, G. KIGAWA, H. NEMOTO, Y. SANADA, K. HIBI ( <i>Yokohama, Japan</i> ) .....	1757
The Relationship Between Antitumor Effects and Relative Dose Intensity of S-1 plus Cisplatin Treatment for Metastatic Gastric Cancer. M. KITAGAWA, T. SHIMURA, T. YAMADA, M. EBI, Y. HIRATA, T. MIZOSHITA, S. TANIDA, H. KATAOKA, T. KAMIYA, T. JOH ( <i>Nagoya, Japan</i> ) .....	1763
Serum Pharmacokinetics in Patients Treated with Transarterial Chemoembolization (TACE) Using Two Types of Epirubicin-loaded Microspheres. C. SOTTANI, G. POGGI, P. QUARETTI, M. REGAZZI, B. MONTAGNA, E. QUAQUARINI, M. IMBRIANI, E. LEONI, P. DI CESARE, A. RICCARDI, G. BERNARDO, C. MINOIA ( <i>Pavia, Italy</i> ) .....	1769
A KIT-negative, DOG1-positive Epithelioid GIST of the Stomach Harboring a Novel <i>PDGFRA</i> Exon 14 Single Nucleotide Deletion. C. RIZZARDI, S. MARZINOTTO, C. AVELLINI, M. MELATO, L. MARIUZZI ( <i>Trieste; Udine, Italy</i> ) .....	1775
T315I Mutation in Ph-positive Acute Lymphoblastic Leukemia is Associated with a Highly Aggressive Disease Phenotype: Three Case Reports. K. WATANABE, Y. MINAMI, Y. OZAWA, K. MIYAMURA, T. NAOE ( <i>Nagoya, Japan</i> ) .....	1779
Airway Stenting for Malignant Respiratory Complications in Esophageal Cancer. Y. HAMAI, J. HIHARA, M. EMI, Y. AOKI, Y. MIYATA, M. OKADA ( <i>Hiroshima, Japan</i> ) .....	1785
* Review: The Interplay between Hemostasis and Malignancy: The Oral Cancer Paradigm. C. YAPIJAKIS, A. BRAMOS, A.M. NIXON, V. RAGOS, E. VAIRAKTARIS ( <i>Athens, Greece</i> ) .....	1791
Serum Amyloid A: a Biomarker for Renal Cancer. K. FISCHER, G. THEIL, R. HODA, P. FORNARA ( <i>Halle/Salle, Germany</i> ) .....	1801
Pilot Study of Duloxetine for Cancer Patients with Neuropathic Pain Non-responsive to Pregabalin. H. MATSUOKA, C. MAKIMURA, A. KOYAMA, M. OTSUKA, W. OKAMOTO, Y. FUJISAKA, H. KANEDA, J. TSURUTANI, K. NAKAGAWA ( <i>Osaka, Japan</i> ) .....	1805
Prognostic Factors and Clinical Outcome of Patients with Lung Adenocarcinoma with Carcinomatous Meningitis. Y. NAKAMURA, T. TAKAHASHI, A. TSUYA, T. NAITO, H. KENMOTSU, A. ONO, T. SHUKUYA, H. MURAKAMI, H. HARADA, R. WATANABE, M. ENDO, K. MITSUYA, T. NAKAJIMA, N. YAMAMOTO ( <i>Shizuoka, Japan</i> ) .....	1811
Patient Age and Biological Aggressiveness of Endometrial Carcinoma. I. GONZALEZ-RODILLA, M. BOIX2, V. VERNA, A.B. MUÑOZ, J. ESTÉVEZ, Y. JUBETE, J. SCHNEIDER ( <i>Santander, Spain</i> ) .....	1817

Broad Spectrum Preclinical Antitumor Activity of Eribulin (Halaven®): Optimal Effectiveness under Intermittent Dosing Conditions. M.J. TOWLE, K. NOMOTO, M. ASANO, Y. KISHI, M.J. YU, B.A. LITTLEFIELD ( <i>Andover, MA, USA; Tsukuba, Ibaraki; Tokyo, Japan</i> ) .....	1611
Utility of Cell-free Tumour DNA for Post-surgical Follow-up of Colorectal Cancer Patients. M. LEVY, L. BENESOVA, L. LIPSKA, B. BELSANOVA, P. MINARIKOVA, G. VEPREKOVA, M. ZAVORAL, M. MINARIK ( <i>Prague, Czech Republic</i> ).....	1621
Metformin and the mTOR Inhibitor Everolimus (RAD001) Sensitize Breast Cancer Cells to the Cytotoxic Effect of Chemotherapeutic Drugs <i>In Vitro</i> . H. LIU, C. SCHOLZ, C. ZANG, J.H. SCHEFE, P. HABEL, A.-C. REGIERER, C.-O. SCHULZ, K. POSSINGER, J. EUCKER ( <i>Berlin, Germany</i> ).....	1627
EGFR and P-GP Expression in Oropharyngeal Mucosa in Relation to Smoking. P. BAUMEISTER, M. MÄRTE, M. REITER, C. WELZ, S. SCHWENK-ZIEGER, U. HARRÉUS ( <i>Munich, Germany</i> ).....	1639
Acquisition of Anoikis Resistance Up-regulates Caveolin-1 Expression in Human Non-small Cell Lung Cancer Cells. H. HALIM, S. LUANPITPONG, P. CHANVORACHOTE ( <i>Bangkok, Thailand</i> ) .....	1649
Sub-toxic Cisplatin Mediates Anoikis Resistance through Hydrogen Peroxide-induced Caveolin-1 Up-regulation in Non-small Cell Lung Cancer Cells. T. SONGSERM, V. PONGRAKHANANON, P. CHANVORACHOTE ( <i>Bangkok, Thailand</i> ) .....	1659
Safrole Induces G <sub>0</sub> /G <sub>1</sub> Phase Arrest <i>via</i> Inhibition of Cyclin E and Provokes Apoptosis through Endoplasmic Reticulum Stress and Mitochondrion-dependent Pathways in Human Leukemia HL-60 Cells. C.-S. YU, A.-C. HUANG, J.-S. YANG, C.-C. YU, C.-C. LIN, H.-K. CHUNG, Y.-P. HUANG, F.-S. CHUEH, J.-G. CHUNG ( <i>Taichung; Yilan, Taiwan, ROC</i> ) .....	1671
The Survivin Suppressant YM155 Potentiates Chemosensitivity to Gemcitabine in the Human Pancreatic Cancer Cell Line MiaPaCa-2. D.H. YOON, J.-S. SHIN, D.-H. JIN, S.-W. HONG, K.A. JUNG, S.-M. KIM, Y.S. HONG, K.-P. KIM, J.-L. LEE, C. SUH, J.S. LEE, T.W. KIM ( <i>Seoul, South Korea</i> ) .....	1681
<i>Clinical Studies</i>	
A Phase I Study to Determine the Safety and Pharmacokinetics of Intravenous Administration of TAS-106 Once per Week for Three Consecutive Weeks Every 28 Days in Patients with Solid Tumors. B. FRIDAY, Y. LASSERE, C.A. MEYERS, A. MITA, J.L. ABBRUZZESE, M.B. THOMAS ( <i>Charleston, SC; Houston, TX, USA; Singapore, Singapore</i> ) .....	1689
Olfactory Neuroblastoma: 15 Years of Experience. N. KONDO, H. TAKAHASHI, Y. NII, J. NAGAO ( <i>Tokyo; Yokohama, Japan</i> ).....	1697
Utility of Insulin-like Growth Factor Receptor-1 Expression in Gefitinib-Treated Patients with Non-small Cell Lung Cancer. M.J. FIDLER, S. BASU, L. BUCKINGHAM, K. WALTERS, S. MCCORMACK, M. BATUS, J. COON, IV, P. BONOMI ( <i>Chicago, IL, USA</i> ) .....	1705
Classification of Gastritis in First-degree Relatives of Patients with Gastric Cancer in a High Cancer-risk Area in Italy. C. SAIEVA, C.A. RUBIO, G. NESI, E. ZINI, A. FILOMENA ( <i>Florence, Italy; Stockholm, Sweden</i> ) .....	1711
Metastasis to the Penis from Rectal Adenocarcinoma. F. DORSETT, J. HOU, O. SHAPIRO ( <i>Syracuse, NY, USA</i> ).....	1717
Oncological Short-term Effects and Adverse Events of MRI-guided Selective Neoadjuvant Radiochemotherapy for Rectal Cancer. C.A. MAURER, D. MATTIELLO, J. DUWE, R. RUPPERT, H. PTOK, J. STRASSBURG, T. JUNGINGER, S. MERKEL, P. HERMANEK ( <i>Basel, Switzerland; Munich; Cottbus; Berlin; Mainz; Erlangen, Germany</i> ) .....	1721