

# ANTICANCER RESEARCH

## International Journal of Cancer Research and Treatment

ISSN: 0250-7005

Volume 29, Number 10, October 2009

### Contents

#### *Experimental Studies*

- Apoptosis Induced by Capsaicin and Resveratrol in Colon Carcinoma Cells Requires Nitric Oxide Production and Caspase Activation. M.Y. KIM, L.J. TRUDEL, G.N. WOGAN (*Cambridge, MA, USA*) ..... 3733
- p53-Mediated Down-regulation of the Human DNA Repair Gene O<sup>6</sup>-Methylguanine-DNA Methyltransferase (*MGMT*) via Interaction with Sp1 Transcription Factor. D. BOCANGEL, S. SENGUPTA, S. MITRA, K.K. BHAKAT (*Galveston, TX, USA*) ..... 3741
- STX140 and STX641 Cause Apoptosis via the Intrinsic Mitochondrial Pathway and Down-regulate Survivin and XIAP Expression in Ovarian and Prostate Cancer Cells. P.A. FOSTER, Y.T. HO, S.P. NEWMAN, M.P. LEESE, B.V.L. POTTER, M.J. REED, A. PUROHIT (*London; Bath, UK*) ..... 3751
- \* Review: Role of MGMT in Tumor Development, Progression, Diagnosis, Treatment and Prognosis. S. SHARMA, F. SALEHI, B.W. SCHEITHAUER, F. ROTONDO, L.V. SYRO, K. KOVACS (*Toronto, ON, Canada; Rochester, NY, USA; Medellin, Colombia*) ..... 3759
- Cyclin-mediated G1 Arrest by Celecoxib Differs in Low- versus High-grade Bladder Cancer. J.R. GEE, C.B. BURMEISTER, T.C. HAVIGHURST, K. KIM (*Madison, WI, USA*) ..... 3769
- In Vivo* Imaging of Human Colorectal Cancer Using Radiolabeled Analogs of the Uroguanylin Peptide Hormone. D. LIU, D. OVERBEY, L.D. WATKINSON, S. DAIBES-FIGUEROA, T.J. HOFFMAN, L.R. FORTE, W.A. VOLKERT, M.F. GIBLIN (*Columbia, MO, USA*) ..... 3777
- The Expression and Function of IGFBP-3 in Normal and Malignant Breast Tissue. K. MCCARTHY, C. LABAN, C.J. MCVITTIE, W. OGUNKOLADE, S. KHALAF, S. BUSTIN, R. CARPENTER, P.J. JENKINS (*London, UK*) ..... 3785

*Contents continued on the back cover*

Potent Inhibition of Tubulin Polymerisation and Proliferation of Paclitaxel-resistant 1A9PTX22 Human Ovarian Cancer Cells by Albendazole. S.W.L. CHU, S. BADAR, D.L. MORRIS, M.H. POURGHOLAMI (Sydney, NSW, Australia) .....	3791
Xanthohumol Activates the Proapoptotic Arm of the Unfolded Protein Response in Chronic Lymphocytic Leukemia. S. LUST, B. VANHOECKE, M. VAN GELE, J. BOELENS, H. VAN MELCKEBEKE, M. KAILEH, W.V. BERGHE, G. HAEGEMAN, J. PHILIPPÉ, M. BRACKE, F. OFFNER (Ghent, Belgium) .....	3797
Artemisinin-Transferrin Conjugate Retards Growth of Breast Tumors in the Rat. H. LAI, I. NAKASE, E. LACOSTE, N.P. SINGH, T. SASAKI (Seattle, WA, USA) .....	3807
Exogenous Expression of Caspase-14 Induces Tumor Suppression in Human Salivary Cancer Cells by Inhibiting Tumor Vascularization. M. WU, I. KODANI, D. DICKINSON, F. HUFF, K.U.E. OGBUREKE, H. QIN, S. ARUN, R. DULEBOHN, M. AL-SHABRAWAY, A. TAWFIK, S. PRATER, J. LEWIS, J. WATAHA, R. MESSER, S. HSU (Hangzhou, China; Yonago, Japan; Augusta, GA; Seattle, WA, USA) .....	3811
Down-regulation of 20-HETE Synthesis and Signaling Inhibits Renal Adenocarcinoma Cell Proliferation and Tumor Growth. A. ALEXANIAN, V.A. RUFANOVA, B. MILLER, A. FLASCH, R.J. ROMAN, A. SOROKIN (Milwaukee, WI, USA) .....	3819
Tetraiodothyroacetic Acid (Tetrac) and Tetrac Nanoparticles Inhibit Growth of Human Renal Cell Carcinoma Xenografts. M. YALCIN, D.J. BHARALI, L. LANSING, E. DYSKIN, S.S. MOUSA, A. HERCBERGS, F.B. DAVIS, P.J. DAVIS, S.A. MOUSA (Rensselaer; Albany, NY; Cleveland, OH, USA; Bursa, Turkey) .....	3825
* Short Review: Telomeres and Telomerase in Sarcomas. T. MATSUO, S. SHIMOSE, T. KUBO, J. FUJIMORI, Y. YASUNAGA, M. OCHI (Hiroshima, Japan) .....	3833
The Effect of MAPK Inhibitors on Arsenic Trioxide-treated Calu-6 Lung Cells in Relation to Cell Death, ROS and GSH Levels. Y.H. HAN, H.J. MOON, B.R. YOU, S.Z. KIM, S.H. KIM, W.H. PARK (Jeonju, Republic of Korea) .....	3837
Antitumor Efficacy and Molecular Mechanism of TLK58747, a Novel DNA-Alkylating Prodrug. H. XU, Z. WANG, J.C. DONALDSON, H. YAO, S. ZHOU, A.B. KELSON, W. MA, K.T. WEBER, E. LABORDE, M. CHENG, L. SAMBUCETTI, J.G. KECK (Palo Alto, CA, USA) .....	3845
Inhibitory Effect of Cordycepin on Hematogenic Metastasis of B16-F1 Mouse Melanoma Cells Accelerated by Adenosine-5'-diphosphate. N. YOSHIKAWA, M. KUNITOMO, S. KAGOTA, K. SHINOZUKA, K. NAKAMURA (Hyogo, Japan) .....	3857
Expression of M-CSF and CSF-1R Is Correlated with Histological Grade in Soft Tissue Tumors. E. RICHARDSEN, S.W. SØRBYE, J.P. CROWE, J.-L. YANG, L.-T. BUSUND (Tromsø, Norway; Randwick; Sydney, NSW, Australia) .....	3861
Formulation, Characterization and Evaluation of Curcumin-loaded PLGA Nanospheres for Cancer Therapy. A. MUKERJEE, J.K. VISHWANATHA (Fort Worth, TX, USA) .....	3867
Infiltration by Macrophages and Lymphocytes in Transplantable Mouse Sarcoma after Irradiation with High-intensity Focused Ultrasound. S. CHIDA, K. OKADA, N. SUZUKI, C. KOMORI, Y. SHIMADA (Akita, Japan) .....	3877
c-FLIP Gene Silencing Eliminates Tumor Cells in Breast Cancer Xenografts Without Affecting Stromal Cells. T.W. DAY, A.L. SINN, S. HUANG, K.E. POLLOK, G.E. SANDUSKY, A.R. SAFA (Indianapolis, IN, USA) .....	3883
The Expression of MT1 Melatonin Receptor and Ki-67 Antigen in Melanoma Malignum. K. DANIELCZYK, P. DZIEGIEL (Wrocław; Poznań, Poland) .....	3887

Association of Genetic Polymorphisms of <i>EXO1</i> Gene with Risk of Breast Cancer in Taiwan. H.-C. WANG, C.-F. CHIU, R.-Y. TSAI, Y.-S. KUO, H.-S. CHEN, R.-F. WANG, C.-W. TSAI, C.-H. CHANG, C.-C. LIN, D.-T. BAU ( <i>Taichung, Taiwan, ROC</i> ) .....	3897
Significant Association of XPD Codon 312 Single Nucleotide Polymorphism with Bladder Cancer Susceptibility in Taiwan. C.-H. CHANG, R.-F. WANG, R.-Y. TSAI, H.-C. WU, C.-H. WANG, C.-W. TSAI, C.-L. CHANG, Y.-A. TSOU, C.-S. LIU, D.-T. BAU ( <i>Taichung, Taiwan, ROC</i> ) .....	3903
Clusterin Overexpression and Relapse-free Survival in Breast Cancer. C.K. YOM, H.-Y. WOO, S.Y. MIN, S.Y. KANG, H.S. KIM ( <i>Seoul, South Korea</i> ) .....	3909
PTP4A3 Expression Increases Strongly in Lymph Node Metastases from Colorectal Carcinoma. K. GUZIŃSKA-USTYMOWICZ, A. PRYCZYNICZ, A. KEMONA ( <i>Białystok, Poland</i> ) .....	3913
The Effect of a Novel Botanical Agent TBS-101 on Invasive Prostate Cancer in Animal Models. S. EVANS, N. DIZEYI, P.-A. ABRAHAMSSON, J. PERSSON ( <i>Malmö, Sweden</i> ) .....	3917
Effects of 5-FU on DNA Synthesis and Cytotoxicity of Human Lymphocytes Induced by IL-2, TGF- $\beta$ 3 and PGE <sub>2</sub> . A. EISENTHAL, K. EYTAN, E. BRAZOWSKI, G. GITSTEIN, R. GREENBERG, Y. SKORNICK ( <i>Tel Aviv, Israel</i> ) .....	3925
Cisplatin and Oxaliplatin Cytotoxic Effects in Sensitive and Cisplatin-resistant Human Cervical Tumor Cells: Time and Mode of Application Dependency. L. MARTELLI, E. RAGAZZI, F. DI MARIO, M. BASATO, M. MARTELLI ( <i>Padova; Parma, Italy</i> ) .....	3931
<i>CDK10</i> Is Not a Target for Aberrant DNA Methylation in Breast Cancer. G. HELLER, B. ZIEGLER, A. BRANDSTETTER, S. NOVAK, M. RUDAS, G. HENNIG, M. GEHRMANN, T. ACHT, S. ZÖCHBAUER-MÜLLER, M. FILIPITS ( <i>Vienna, Austria; Cologne, Germany</i> ) .....	3939
Frequent <i>CDH3</i> Demethylation in Advanced Gastric Carcinoma. K. HIBI, Y.-H. KITAMURA, H. MIZUKAMI, T. GOTO, K. SAKURABA, M. SAKATA, M. SAITO, K. ISHIBASHI, G. KIGAWA, H. NEMOTO, Y. SANADA ( <i>Yokohama, Japan</i> ) .....	3945
Decreased Plasma Ghrelin Levels in Patients with Advanced Cancer and Weight Loss in Comparison to Healthy Individuals. I. LEGAKIS, J. STATHOPOULOS, T. MATZOURIDIS, G.P. STATHOPOULOS ( <i>Athens, Greece</i> ) .....	3949
Down-regulation of <i>Tip60</i> Gene as a Potential Marker for the Malignancy of Colorectal Cancer. K. SAKURABA, T. YASUDA, M. SAKATA, Y.-H. KITAMURA, A. SHIRAHATA, T. GOTO, H. MIZUKAMI, M. SAITO, K. ISHIBASHI, G. KIGAWA, H. NEMOTO, Y. SANADA, K. HIBI ( <i>Yokohama, Japan</i> ) .....	3953
Glutathione Modulation Reverses the Growth-promoting Effect of Growth Factors, Improving the 5-Fluorouracil Antitumour Response in WiDr Colon Cancer Cells. T. PALOMARES, M. CARAMÉS, I. GARCÍA-ALONSO, A. ALONSO-VARONA ( <i>Leioa, Vizcaya, Spain</i> ) .....	3957
Transition of Cleaved Notch1 and Gene Expression Changes in Myeloblastic Leukemia Cells Stimulated with Notch Ligands. L. FU, K.-I. KATSUBE, S. TOHDA ( <i>Tokyo, Japan</i> ) .....	3967
3-Dimensional Microarray Analysis of Estrogen Signal-related Genes in Breast Cancer Tissues. M. MATSUMOTO, H. SAKAMOTO, Y. YAMAGUCHI, Y. SEINO, H. TAKEI, M. KUROSUMI, H. SASANO, N. YAEGASHI, S.-I. HAYASHI ( <i>Sendai; Tokyo; Saitama, Japan</i> ) .....	3971
BCL-2, BAX and P53 Expression Profiles in Endometrial Carcinoma as Studied by Real-time PCR and Immunohistochemistry. O. PORICHI, M.-E. NIKOLAIDOU, A. APOSTOLAKI, A. TSERKEZOGLOU, N. ARNOGIANNAKI, D. KASSANOS, L. MARGARITIS, E. PANOTOPOULOU ( <i>Athens, Greece</i> ) .....	3977

Evaluation of the Cytotoxic and Genotoxic Effects of Orthodontic Bonding Adhesives upon Human Gingival Papillae through Immunohistochemical Expression of p53, p63 and p16. F. ANGIERO, G. FARRONATO, E. DESSY, S. MAGISTRO, R. SERAMONDI, D. FARRONATO, S. BENEDICENTI, S. TETÈ ( <i>Milan; Brescia; Genoa; Chieti, Italy</i> ) .....	3983
Evaluation of Cucurbitane-type Triterpenoids from <i>Momordica balsamina</i> on P-Glycoprotein (ABCB1) by Flow Cytometry and Real-time Fluorometry. G. SPENGLER, C. RAMALHETE, M. MARTINS, A. MARTINS, J. SERLY, M. VIVEIROS, J. MOLNÁR, N. DUARTE, S. MULHOVO, M.-J.U. FERREIRA, L. AMARAL ( <i>Lisboa, Portugal; Szeged, Hungary; Chokwe, Mozambique</i> ) .....	3989
Doxycycline Induces Apoptosis in PANC-1 Pancreatic Cancer Cells. K. SON, S. FUJIOKA, T. IIDA, K. FURUKAWA, T. FUJITA, H. YAMADA, P.J. CHIAO, K. YANAGA ( <i>Tokyo, Japan; Houston, TX, USA</i> ) .....	3995
Molecular Imaging Application of Radioiodinated Anti-EGFR Human Fab to EGFR-overexpressing Tumor Xenografts. N. XU, G. CAI, W. YE, X. WANG, Y. LI, P. ZHAO, A. ZHANG, R. ZHANG, B. CAO ( <i>Jiangsu, P.R. China; Grand Rapids, MI, USA</i> ) .....	4005
MG-63 Osteoblast-like Cells Enhance the Osteoprotegerin Expression of PC-3 Prostate Cancer Cells. H. KATOPODIS, A. PHILIPPOU, R. TENTA, C. DOILLON, K.K. PAPACHRONI, A.G. PAPAVASSILIOU, M. KOUTSILIERIS ( <i>Athens, Greece; Quebec, QC, Canada</i> ) .....	4013
HER2 Status on Persistent Disseminated Tumor Cells after Adjuvant Therapy May Differ from Initial HER2 Status on Primary Tumor. N. KRAWCZYK, M. BANYŚ, H. NEUBAUER, E.-F. SOLOMAYER, C. GALL, M. HAHN, S. BECKER, R. BACHMANN, D. WALLWIENER, T. FEHM ( <i>Tuebingen, Germany</i> ) .....	4019
Targeting CWR22Rv1 Prostate Cancer Cell Proliferation and Gene Expression by Combinations of the Phytochemicals EGCG, Genistein and Quercetin. T.-C. HSIEH, J.M. WU ( <i>Valhalla, NY, USA</i> ) .....	4025
Expression of L1 Cell Adhesion Molecule Is a Significant Prognostic Factor in pT3-stage Gastric Cancer. Y. KODERA, H. NAKANISHI, S. ITO, K. MISAWA, Y. ITO, G. NAKAYAMA, M. KOIKE, M. FUJIWARA, Y. YAMAMURA, A. NAKAO ( <i>Aichi, Japan</i> ) .....	4033
192R Allele of Paraoxanase 1 ( <i>PON1</i> ) Gene as a New Marker for Susceptibility to Bladder Cancer. O. ÖZTÜRK, Ö.F. KAĞNICI, T. ÖZTÜRK, H. DURAK, B.M. TÜZÜNER, H.I. KISAKESEN, C. ÇAKALIR, T. İSBİR ( <i>Istanbul, Turkey</i> ) .....	4041
Mutations of <i>LKB1</i> Gene in Pancreatic Ductal Adenocarcinomas Induced by N-Nitrosobis(2-oxopropyl)amine in Hamsters. M. FURUKAWA, A. YAMASAKI, J. YOSHIDA, M. TSUJINO, N. WAKABAYASHI, K. HONOKI, T. TSUJIUCHI ( <i>Osaka; Nara, Japan</i> ) .....	4047
<i>In Vivo</i> Model of Pseudomyxoma Peritonei for Novel Candidate Drug Discovery. T.C. CHUA, J. AKTHER, P. YAO, D.L. MORRIS ( <i>Sydney, NSW, Australia</i> ) .....	4051
Expression and Mutational Status of PDGFR in Thymic Tumours. M. MEISTER, P. KAHL, T. MULEY, A. MORRESI-HAUF, C. SEBENING, M.A. KERN, M. BREINIG, P. SCHNABEL, H. DIENEMANN, P. SCHIRMACHER, R.J. RIEKER ( <i>Heidelberg; Bonn; Gauting, Germany; Innsbruck, Austria</i> ) .....	4057
Berberine Induced Apoptosis via Promoting the Expression of Caspase-8, -9 and -3, Apoptosis-inducing Factor and Endonuclease G in SCC-4 Human Tongue Squamous Carcinoma Cancer Cells. Y.-T. HO, C.-C. LU, J.-S. YANG, J.-H. CHIANG, T.-C. LI, S.-W. IP, T.-C. HSIA, C.-L. LIAO, J.-G. LIN, W.G. WOOD, J.-G. CHUNG ( <i>Taichung, Taiwan, ROC; Minneapolis, MN, USA</i> ) .....	4063
Rapid Induction of P-Glycoprotein mRNA and Protein Expression by Cytarabine in HL-60 Cells. M. PRENKERT, B. UGGLA, E. TINA, U. TIDEFELT, H. STRID ( <i>Örebro; Stockholm, Sweden</i> ) .....	4071

Estimation of Relationship Between Descriptors and Cytotoxicity of Newly Synthesized 1,2,3,4-Tetrahydroisoquinoline Derivatives. M. ISHIHARA, H. HATANO, F. TAKEKAWA, M. KAWASE, H. SAKAGAMI ( <i>Saitama; Ehime, Japan</i> ) .....	4077
<i>Clinical Studies</i>	
Phase I/II Study of PHY906/Capecitabine in Advanced Hepatocellular Carcinoma. Y. YEN, S. SO, M. ROSE, M.W. SAIF, E. CHU, S.-H. LIU, A. FOO, Z. JIANG, T. SU, Y.-C. CHENG ( <i>Duarte; Stanford, CA; West Haven; New Haven, CT, USA</i> ) .....	4083
Reconstruction Using a Frozen Bone Method for Osteosarcoma of the Talus. A Case Report and Review of the Literature. K. SAKAYAMA, T. KIDANI, Y. SUGAWARA, H. TAUCHI, T. FUJIBUCHI, N. TANJI, H. YAMAMOTO, H. TSUCHIYA ( <i>Ehime; Kanazawa, Japan</i> ) .....	4093
Clinicopathological Significance of Sip1-associated Epithelial Mesenchymal Transition in Non-small Cell Lung Cancer Progression. N. MIURA, T. YANO, F. SHOJI, D. KAWANO, T. TAKENAKA, K. ITO, Y. MORODOMI, I. YOSHINO, Y. MAEHARA ( <i>Fukuoka; Chiba, Japan</i> ) .....	4099
* Review: Cancer Nanotargeted Radiopharmaceuticals for Tumor Imaging and Therapy. G. TING, C.-H. CHANG, H.-E. WANG ( <i>Miaoli; Taoyuan; Taipei, Taiwan, ROC</i> ) .....	4107
Methylene Blue Dye, an Accurate Dye for Sentinel Lymph Node Identification in Early Breast Cancer. C. MATHELIN, S. CROCE, D. BRASSE, B. GAIRARD, M. GHARBI, N. ANDRIAMISANDRATSOA, V. BEKAERT, Z. FRANCIS, J.-L. GUYONNET, D. HUSS, S. SALVADOR, R. SCHAEFFER, D. GRUCKER, C. MARIN, J.-P. BELLOCQ ( <i>Strasbourg Cedex, France</i> ) .....	4119
High-dose Octreotide Acetate for Management of Gastroenteropancreatic Neuroendocrine Tumors. M.K. CHADHA, J. LOMBARDO, T. MASHTARE, G.E. WILDING, A. LITWIN, C. RACZYK, J.F. GIBBS, B. KUVSHINOFF, M.M. JAVLE, R.V. IYER ( <i>Buffalo, NY; Houston, TX, USA</i> ) .....	4127
Determinants of Homocysteine Levels in Colorectal and Breast Cancer Patients. P. FERRONI, R. PALMIROTTA, F. MARTINI, S. RIONDINO, A. SAVONAROLA, A. SPILA, F. CIATTI, V. SINI, S. MARIOTTI, G. DEL MONTE, M. ROSELLI, F. GUADAGNI ( <i>Rome, Italy</i> ) .....	4131
Hepatic Arterial Infusion for Unresectable Colorectal Liver Metastases Combined or Not with Systemic Chemotherapy. P. PILATI, E. MAMMANO, S. MOCELLIN, E. TESSARI, M. LISE, D. NITTI ( <i>Padova, Italy</i> ) ....	4139
“Glassy” Cells in Barrett’s Mucosa. C.A. RUBIO ( <i>Stockholm, Sweden</i> ) .....	4145
Conservative Management of Low-grade Endometrial Stromal Sarcoma Followed by Pregnancy and Severe Recurrence. M. KOSKAS, P. MORICE, C. YAZBECK, P. DUVILLARD, F. WALKER, P. MADELENAT ( <i>Paris; Villejuif, France</i> ) .....	4147
Relationships of P53 and Bak with EPO and EPOR in Human Colorectal Cancer. M. BALTAZIAK, M. KODA, A. WINCEWICZ, M. SULKOWSKA, L. KANCZUGA-KODA, S. SULKOWSKI ( <i>Bialystok, Poland</i> ) .....	4151
S100A8 and S100A9 Expression Is a Crucial Factor for Dedifferentiation in Thyroid Carcinoma. Y. ITO, K. ARAI, R. NOZAWA, H. YOSHIDA, M. HIROKAWA, M. FUKUSHIMA, H. INOUE, C. TOMODA, M. KIHARA, T. HIGASHIYAMA, Y. TAKAMURA, A. MIYA, K. KOBAYASHI, F. MATSUZUKA, A. MIYAUCHI ( <i>Kobe; Shizuoka, Japan</i> ) .....	4157
Survivin Expression as a Strong Indicator of Recurrence in Urothelial Bladder Cancer. Predictive Value of Nuclear versus Cytoplasmic Staining. L. SKAGIAS, E. POLITI, A. KARAMERIS, D. SAMBAZIOTIS, A. ARCHONDAKIS, A. NTINIS, I. MOREAS, O. VASOU, H. KOUTSELINI, E. PATSOURIS ( <i>Athens, Greece</i> ) .....	4163

Association between <i>XRCCI</i> Polymorphisms and Head and Neck Cancer in a Hungarian Population. A. CSEJTEI, A. TIBOLD, K. KOLTAI, Z. VARGA, I. SZANYI, G. GOBEL, I. PRANTNER, D. STEFFLER, G. FEHER, A. DE BLASIO, I. EMBER, I. KISS ( <i>Pécs, Hungary</i> ) .....	4169
Diverse Prognostic Roles of Akt Isoforms, PTEN and PI3K in Tumor Epithelial Cells and Stromal Compartment in Non-small Cell Lung Cancer. S. AL-SAAD, T. DONNEM, K. AL-SHIBLI, M. PERSSON, R.M. BREMNES, L.-T. BUSUND ( <i>Tromsø; Bodø, Norway</i> ) .....	4175
Circulating Tumor Cells in Metastatic Breast Cancer: Timing of Blood Extraction for Analysis. M. MARTÍN, J.Á. GARCÍA-SÁENZ, M.L. MAESTRO DE LAS CASAS, M. VIDAURRETA, J. PUENTE, S. VEGANZONES, L. RODRÍGUEZ-LAJUSTICIA, V. DE LA ORDEN, B. OLIVA, J.-C. DE LA TORRE, S. LÓPEZ-TARRUELLA, A. CASADO, J. SASTRE, E. DÍAZ-RUBIO ( <i>Madrid, Spain</i> ) .....	4185
Single-institution Outcome of High-dose Interleukin-2 (HD IL-2) Therapy for Metastatic Melanoma and Analysis of Favorable Response in Brain Metastases. S. POWELL, A.Z. DUDEK ( <i>Minneapolis, MN, USA</i> ) .....	4189
Pegylated Liposomal Doxorubicin and Carboplatin in Late-relapsing Ovarian Cancer: A GINECO Group Phase II Trial. B. WEBER, A. LORTHOLARY, F. MAYER, H. BOURGEOIS, H. ORFEUVRE, M. COMBE, C. PLATINI, J. CRETIN, D. FRIC, D. PARAISO, E. PUJADE-LAURAINÉ ( <i>Vandoeuvre-les-Nancy; Dijon; Le Mans; Nîmes; Montargis; Paris, France</i> ) .....	4195
Altered p53 and pRb Expression Is Predictive of Response to BCG Treatment in T1G3 Bladder Cancer. L. CORMIO, I. TOLVE, P. ANNESE, A. SARACINO, R. ZAMPARESE, F. SANGUEDOLCE, P. BUFO, M. BATTAGLIA, F.P. SELVAGGI, G. CARRIERI ( <i>Foggia; Bari, Italy</i> ) .....	4201
Clinical Outcome of Tailored Adjuvant Postoperative Chemoradiotherapy in IB FIGO Stage Cervical Cancer. M.G. FABRINI, A. GADDUCCI, F. PERRONE, S. COSIO, C. LALISCIA, F. PASQUALETTI, S. GRESPI, L. CIONINI ( <i>Pisa, Italy</i> ) .....	4205
Induction Chemotherapy with Docetaxel, 5-FU and CDDP (DFP) for Advanced Gastric Cancer. K. YAMAMOTO, Y. FUJIWARA, T. NISHIDA, S. TAKIGUCHI, K. NAKAJIMA, H. MIYATA, M. YAMASAKI, M. MORI, Y. DOKI ( <i>Osaka, Japan</i> ) .....	4211
Treatment after the Failure of Gefitinib in Patients with Advanced or Recurrent Non-small Cell Lung Cancer. R. MARUYAMA, H. WATAYA, T. SETO, Y. ICHINOSE ( <i>Fukuoka, Japan</i> ) .....	4217
A Throbbing Pain in the Head: Trastuzumab-induced Migraine. F.G. VAN ROOIJ, L.D.A. DORRESTEIJN, M.M.J.A. VAN BOKHOVEN, C.C.P. VERSTAPPEN ( <i>Nijmegen; Enschede; Gorinchem, The Netherlands</i> ) .....	4223
Elevated Malondialdehyde Correlates with the Extent of Primary Tumor and Predicts Poor Prognosis of Oropharyngeal Cancer. R. SALZMAN, L. PÁCAL, J. TOMANDL, K. KAŇKOVA, E. TÓTHOVÁ, B. GÁL, R. KOSTŘICA, P. SALZMAN ( <i>Brno, Czech Republic; Rochester, NY, USA</i> ) .....	4227
An Open-label Dose-escalation Study of BIBF 1120 in Patients with Relapsed or Refractory Multiple Myeloma. M. KROPFF, J. KIENAST, G. BISPING, W.E. BERDEL, B. GASCHLER-MARKEFSKI, P. STOPFER, M. STEFANIC, G. MUNZERT ( <i>Muenster; Biberach, Germany</i> ) .....	4233
Serum Levels of CA15-3, KL-6 and BCA225 Are Positively Correlated with Each Other in the General Population. G. RI, S. OHNO, T. YAMAMOTO, E. ITO, M. FURUTANI, Y. FURUTANI, Y. UMEDA, T. TSUKAHARA, N. HAGITA, R. MATSUOKA ( <i>Tokyo, Japan</i> ) .....	4239
Adenosine Triphosphate-based Chemotherapy Response Assay (ATP-CRA)-guided <i>versus</i> Empirical Chemotherapy in Unresectable Non-small Cell Lung Cancer. Y.W. MOON, J.H. SOHN, Y.T. KIM, H. CHANG, J.H. JEONG, Y.J. LEE, J. CHANG, S.K. KIM, M. JUNG, S. HONG, S.H. CHOI, J.-H. KIM ( <i>Seoul; Gyeonggi-do, South Korea</i> ) .....	4243

Comparison between <sup>99m</sup> Tc-Sestamibi Scintimammography and X-ray Mammography in the Characterization of Clusters of Microcalcifications: A Prospective Long-term Study. M. GROSSO, S. CHIACCHIO, F. BIANCHI, C. TRAINO, C. MARINI, A. CILOTTI, G. MANCA, D. VOLTERRANI, M. RONCELLA, L. RAMPIN, M.C. MARZOLA, D. RUBELLO, G. MARIANI ( <i>Pisa; Rovigo, Italy</i> ).....	4251
Hypofractionated Stereotactic Radiotherapy and Radiosurgery for the Treatment of Patients with Radioresistant Brain Metastases. M. SCORSETTI, A. FACOETTI, P. NAVARRIA, M. BIGNARDI, M. DE SANTIS, S.A. NINONE, P. LATTUADA, G. URSO, S. VIGORITO, P. MANCOSU, M. DEL VECCHIO ( <i>Rozzano; Pavia; Milan, Italy</i> ).....	4259
RANTES Promoter Genotype and Gastric Cancer Risk in a Japanese Population. T. TAHARA, T. SHIBATA, M. NAKAMURA, H. YAMASHITA, D. YOSHIOKA, I. HIRATA, T. ARISAWA ( <i>Aichi; Ishikawa, Japan</i> ).....	4265
The Efficacy of Endoscopic Submucosal Dissection Compared with Modified Endoscopic Aspiration Mucosectomy by Assessing the Short-term Therapeutic Results for Differentiated Mucosal Gastric Cancer. T. KATSUBE, M. MURAYAMA, N. ISOHATA, S. ASAKA, K. YAMAGUCHI, K. KUHARA, S. KONNO, T. SHIMAKAWA, Y. NARITAKA, K. OGAWA ( <i>Tokyo, Japan</i> ) .....	4271
A Phase II Study of Cisplatin and Temozolomide in Heavily Pre-treated Patients with Temozolomide-refractory High-grade Malignant Glioma. F. ZUSTOVICH, G. LOMBARDI, A. DELLA PUPPA, A. ROTILIO, R. SCIENZA, D. PASTORELLI ( <i>Padova, Italy</i> ).....	4275
The Follow-up of Patients with Non-muscle-invasive Bladder Cancer by Urine Cytology, Abdominal Ultrasound and Urine CYFRA 21-1: A Pilot Study. B. NISMAN, V. YUTKIN, T. PERETZ, A. SHAPIRO, V. BARAK, D. PODE ( <i>Jerusalem, Israel</i> ) .....	4281
Psychosocial Outcomes in Long-term Survivors of High-grade Osteosarcoma: A Japanese Single-center Experience. T. YONEMOTO, K. KAMIBEPPU, T. ISHII, S. IWATA, Y. HAGIWARA, S.-I. TATEZAKI ( <i>Chiba; Tokyo, Japan</i> ) .....	4287
Further Studies on the Frequency of Colorectal Cancer in Crohn's Colitis: An 11-Year Survey in the Northwest Stockholm County. C.A. RUBIO, M. KAPRAALI, R. BEFRITS ( <i>Stockholm, Sweden</i> ) .....	4291
Carboplatin-Pemetrexed Adjuvant Chemotherapy in Resected Non-small Cell Lung Cancer (NSCLC): A Phase II Study. E.M. KARAPANAGIOTOU, P.G. BOURA, G. PAPAMICHALIS, M. KONSTANTINOU, E. SEPSAS, G. CHAMALAKIS, P. SIMSIRIS, I. GKIOZOS, K.N. SYRIGOS ( <i>Athens, Greece</i> ) .....	4297
Prognostic Value of Serum Tumor Antigen CA19-9 After Curative Resection of Colorectal Cancer. I. J. PARK, G.-S. CHOI, S.H. JUN ( <i>Daegu, South Korea</i> ) .....	4303
Retrospective Study of Venous Thromboembolic and Intracerebral Hemorrhagic Events in Glioblastoma Patients. E. PAN, J.S. TSAI, S.B. MITCHELL ( <i>Tampa; Orlando, FL; Los Angeles, CA, USA</i> ) .....	4309
Errata.....	4315

\* Reviews (pages 3759, 3833, 4107)