

ANTICANCER RESEARCH

International Journal of Cancer Research and Treatment

ISSN: 0250-7005

Volume 37, Number 7, July 2017

Contents

Reviews

Desmoid Tumors in Familial Adenomatous Polyposis. M.L. DE MARCHIS, F. TONELLI, D. QUARESMINI, D. LOVERO, D. DELLA-MORTE, F. SILVESTRIS, F. GUADAGNI, R. PALMIROTTA (<i>Rome; Florence; Bari, Italy</i>)	3357
Application of Cancer Cell Reprogramming Technology to Human Cancer Research. X.-Y. PAN, M.-H. TSAI, K. WUPUTRA, C.-C. KU, W.-H. LIN, Y.-C. LIN, S. KISHIKAWA, M. NOGUCHI, S. SAITO, C.-S. LIN, K.K. YOKOYAMA (<i>Hanzhou, PR China; Kaohsiung, Taiwan, ROC; Tsukuba; Yaita; Tokyo; Sanuki, Japan</i>)	3367
Clinical Implications of Augmenter of Liver Regeneration in Cancer: A Systematic Review. K.H. NGUYEN, A.H. NGUYEN, D.V. DABIR (<i>Los Angeles, CA, USA</i>)	3379

Experimental Studies

Inhibition of ERG Activity in Patient-derived Prostate Cancer Xenografts by YK-4-279. B. WINTERS, L. BROWN, I. COLEMAN, H. NGUYEN, T.Z. MINAS, L. KOLLATH, V. VASIOUKHIN, P. NELSON, E. COREY, A. ÜREN, C. MORRISSEY (<i>Seattle, WA; Washington, DC, USA</i>)	3385
A Novel mTOR Inhibitor; Anthracycline for the Treatment of Human Hepatocellular Carcinoma. T. HAYASHI, T. YAMASHITA, H. OKADA, N. OISHI, H. SUNAGOZAKA, K. NIO, T. HAYASHI, Y. HARA, Y. ASAHIKA, M. YOSHIDA, T. HASHIBA, T. SUDA, T. SHIRASAKI, Y. IGARASHI, K. MIYANOUCHI, T. YAMASHITA, M. HONDA, S. KANEKO (<i>Kanazawa; Imizu, Japan</i>)	3397

Contents continued on the back cover

Patient-derived Xenografts from Colorectal Carcinoma: A Temporal and Hierarchical Study of Murine Stromal Cell Replacement. C. CHAO, S.G. WIDEN, T.G. WOOD, J.R. ZATARAIN, P. JOHNSON, A. GAJJAR, G. GOMEZ, S. QIU, J. THOMPSON, H. SPRATT, M.R. HELLMICH (<i>Galveston, TX, USA</i>)	3405
Effect of Lonidamine on Systemic Therapy of DB-1 Human Melanoma Xenografts with Temozolomide. K. NATH, D.S. NELSON, J. ROMAN, M.E. PUTT, S.-C. LEE, D.B. LEEPER, J.D. GLICKSON (<i>Philadelphia, PA, USA</i>)	3413
Increased Nicotinamide Phosphoribosyltransferase and Cystathionine- β -Synthase in Renal Oncocytomas, Renal Urothelial Carcinoma, and Renal Clear Cell Carcinoma. R.E. SHACKELFORD, J. ABDULSATTAR, E.X. WEI, J. COTELINGAM, D. COPPOLA, G.A. HERRERA (<i>Shreveport, LA; Tampa, FL, USA</i>)	3423
Choline-Deficient-Diet-Induced Fatty Liver Is a Metastasis-Resistant Microenvironment. M. NAKAMURA, A. SUETSUGU, K. HASEGAWA, T. MATSUMOTO, H. AOKI, T. KUNISADA, M. SHIMIZU, S. SAJI, H. MORIWAKI, R.M. HOFFMAN (<i>Gifu, Japan; San Diego, CA, USA</i>)	3429
Imaging the Role of Multinucleate Pancreatic Cancer Cells and Cancer-Associated Fibroblasts in Peritoneal Metastasis in Mouse Models. K. HASEGAWA, A. SUETSUGU, M. NAKAMURA, T. MATSUMOTO, H. AOKI, T. KUNISADA, M. SHIMIZU, S. SAJI, H. MORIWAKI, R.M. HOFFMAN (<i>Gifu, Japan; San Diego, CA, USA</i>)	3435
Overexpression of Activin Receptor-like Kinase 7 in Breast Cancer Cells Is Associated with Decreased Cell Growth and Adhesion. T. HU, F. SU, W. JIANG, D.A. DART (<i>Cardiff, UK; Guangzhou, PR China</i>)	3441
Effects of Pulsed Electromagnetic Fields on Breast Cancer Cell Line MCF 7 Using Absorption Spectroscopy. D.Z. ALCANTARA, I.J.S. SOLIMAN, R.F. POBRE, R.N.G. NAGUIB (<i>Manila, Philippines; Liverpool, UK</i>)	3453
Immunomodulatory Effect of Imiquimod Through CCL22 Produced by Tumor-associated Macrophages in B16F10 Melanomas. S. FURUDATE, T. FUJIMURA, Y. KAMBAYASHI, A. KAKIZAKI, T. HIDAKA, S. AIBA (<i>Sendai, Japan</i>)	3461
MicroRNA Profiling and Target Genes Related to Metastasis of Salivary Adenoid Cystic Carcinoma. X. FENG, K. MATSUO, T. ZHANG, Y. HU, A.C. MAYS, J.D. BROWNE, X. ZHOU, C.A. SULLIVAN (<i>Winston-Salem, NC, USA</i>)	3473
Distribution and Metabolism of Lipocure™ (Liposomal Curcumin) in Dog and Human Blood Cells: Species Selectivity and Pharmacokinetic Relevance. G.T. BOLGER, A. LICOLLARI, A. TAN, R. GREIL, B. VCELAR, M. MAJEED, L. HELSON (<i>Scarborough, Canada; Salzburg; Klosterneuburg, Austria; East Windsor, NJ; Quakertown, PA, USA</i>)	3483
Down-regulation of the Tumor Suppressor CYLD Enhances the Transformed Phenotype of Human Breast Cancer Cells. T. ORFANIDOU, K. XANTHOPOULOS, D. DAFOU, A. PSEFTOGAS, P. HADWEH, C. PSYLLAKI, E. HATZIVASSILIOU, G. MOSIALOS (<i>Thessaloniki, Greece</i>)	3493
Evaluation of Natriuretic Peptide in Non-small Cell Lung Cancer Patients Treated with Bevacizumab Together with Carboplatin–Paclitaxel: A Prospective Study. T. OTSUKA, T. NOJIRI, S. MINAMI, H. HOSODA, M. KUROYAMA, H. HIRATA, K. NAKANISHI, S. YAMAMOTO, K. KOMUTA, K. KANGAWA, T. KIJIMA (<i>Osaka; Suita; Toyonaka; Itami, Japan</i>)	3505
<i>In Vitro</i> Apoptosis Induction by Fenofibrate in Lymphoma and Multiple Myeloma. L.C. SCHMEEL, F.C. SCHMEEL, I.G.H. SCHMIDT-WOLF (<i>Bonn, Germany</i>)	3513
Itraconazole Modulates Hedgehog, WNT/ β -catenin, as well as Akt Signalling, and Inhibits Proliferation of Cervical Cancer Cells. T. UEDA, H. TSUBAMOTO, K. INOUE, K. SAKATA, H. SHIBAHARA, T. SONODA (<i>Nishinomiya, Japan</i>)	3521

Diagnostic Value of Systemic Cholesteryl Ester/Free Cholesterol Ratio in Hepatocellular Carcinoma. S. KRAUTBAUER, T.S. WEISS, R. WIEST, D. SCHACHERER, G. LIEBISCH, C. BUECHLER (<i>Regensburg, Germany; Bern, Switzerland</i>)	3527
The Diagnostic Significance of Serum Alcohol Dehydrogenase Isoenzymes and Aldehyde Dehydrogenase Activity in Urinary Bladder Cancer Patients. K. ORYWAL, W. JELSKI, T. WEREL, M. SZMITKOWSKI (<i>Bialystok, Poland</i>)	3537
The Effect of Afatinib Treatment in Non-small Cell Lung Cancer Cells. J. PANCEWICZ-WOJTKIEWICZ, P.L. BERNATOWICZ (<i>Bialystok, Poland</i>)	3543
Correlation Between Thrombospondin-1 Expression in Non-cancer Tissue and Gastric Carcinogenesis. H. KASHIHARA, M. SHIMADA, K. YOSHIKAWA, J. HIGASHIJIMA, T. TOKUNAGA, M. NISHI, C. TAKASU, D. ISHIKAWA (<i>Tokushima, Japan</i>)	3547
Inhibitory Effects of ATP and Adenosine on Cholangiocarcinoma Cell Proliferation and Motility. J. LERTSUWAN, M. RUCHIRAWAT (<i>Bangkok, Thailand</i>)	3553
The Contribution of <i>MMP-8</i> Promoter Polymorphisms in Lung Cancer. T.-C. SHEN, T.-C. HSIA, C.-Y. CHAO, WEI-CHENG CHEN, C.-Y. CHEN, WEI-CHUN CHEN, Y.-T. LIN, C.-L. HSIAO, W.-S. CHANG, C.-W. TSAI, D.-T. BAU (<i>Taichung, Taiwan, ROC</i>)	3563
A Novel Small-molecule WNT Inhibitor, IC-2, Has the Potential to Suppress Liver Cancer Stem Cells. K. SETO, T. SAKABE, N. ITABA, J. AZUMI, H. OKA, M. MORIMOTO, Y. UMEKITA, G. SHIOTA (<i>Yonago; Koyama, Japan</i>)	3569
Impact of Physical Training on Sex Hormones and Their Receptors During <i>N</i> -Methyl- <i>N</i> -nitrosourea-induced Carcinogenesis in Rats. I. MALICKA, K. SIEWIERSKA, C. KOBIERZYCKI, J. GRZEGRZOLKA, A. PIOTROWSKA, U. PASLAWSKA, M. CEGIELSKI, P. DZIEGIEL, M. PODHORSKA-OKOLOW, M. WOZNIEWSKI (<i>Wroclaw, Poland</i>)	3581
Nimotuzumab Inhibits Cholangiocarcinoma Cell Metastasis <i>via</i> Suppression of the Epithelial–Mesenchymal Transition Process. S. PADTHAISONG, M. THANEE, A. TECHASEN, N. NAMWAT, P. YONGVANIT, A. LIWATTHAKUN, K. HANKLA, S. SANGKHAMANON, W. LOILOME (<i>Khon Kaen, Thailand</i>)	3591
A Tumor-targeting Adenovirus with High Gene-transduction Efficiency for Primary Pancreatic Cancer and Ascites Cells. M. NAGASATO, Y. RIN, Y. YAMAMOTO, M. HENMI, N. HIRAOKA, F. CHIWAKI, K. MATSUSAKI, M. TAGAWA, H. SASAKI, K. AOKI (<i>Tokyo; Chiba, Japan</i>)	3599
Sphingosine-1-Phosphate-Receptor 1 as a Marker for Endothelial Cells in Mouse Xenograft Models of Human Cancer. N. LÜDERS, U. SCHUMACHER (<i>Hamburg, Germany</i>)	3607
Neocarzinostatin, Aptamer Conjugates for Targeting EpCAM-positive Tumor Cells. P.K. ATHYALA, J.R. KANWAR, S. CHITIPOTHU, R.K. KANWAR, S. KRISHNAKUMAR, J.P. WATSON, J. NARAYANAN (<i>Chennai, India; Burwood, Australia</i>)	3615
PCA3 Silencing Sensitizes Prostate Cancer Cells to Enzalutamide-mediated Androgen Receptor Blockade. E. ÖZGÜR, A.I. CELIK, E. DARENDELILER, U. GEZER (<i>Istanbul, Turkey</i>)	3631
<i>Clinical Studies</i>	
Slow-release L-Cysteine (Acetium®) Lozenge Is an Effective New Method in Smoking Cessation. A Randomized, Double-blind, Placebo-controlled Intervention. K. SYRJÄNEN, K. ERONEN, P. HENDOLIN, L. PALOHEIMO, C. EKLUND, A. BÄCKSTRÖM, O. SUOVANIEMI (<i>Helsinki, Finland; Barretos, SP, Brazil</i>)	3639

Cancer Antigen 72-4 for the Monitoring of Advanced Tumors of the Gastrointestinal Tract, Lung, Breast and Ovaries. A.I. MARIAMPILLAI, J.P. DELA CRUZ, J. SUH, A. SIVAPIRAGASAM, K. NEVINS, A.A. HINDENBURG (<i>Mineola; Syracuse; New York, NY; Paramus, NJ, USA</i>)	3649
Self-Efficacy for Coping with Cancer Enhances the Effect of Reiki Treatments During the Pre-Surgery Phase of Breast Cancer Patients. A. CHIRICO, G. D'AIUTO, A. PENON, L. MALLIA, M. DE LAURENTIIS, F. LUCIDI, G. BOTTA, A. GIORDANO (<i>Rome; Naples; Siena, Italy; Philadelphia, PA, USA</i>)	3657
Evaluation of Bone Turnover/Quality Markers and Bone Mineral Density in Prostate Cancer Patients Receiving Androgen Deprivation Therapy with or without Denosumab. Y. MIYAZAWA, S. TAKAHIRO, S. YOSHITAKA, M. NOMURA, H. KOIKE, H. MATSUI, Y. SHIBATA, K. ITO, K. SUZUKI (<i>Maebashi, Japan</i>)	3667
Inflammatory and Nutritional Serum Markers as Predictors of Peri-operative Morbidity and Survival in Ovarian Cancer. A. KUMAR, M.L. TORRES, W.A. CLIBY, K.R. KALLI, G. BOGANI, G. ALETTI, C.C. NITSCHMANN, F. MULTINU, A.L. WEAVER, M.S. BLOCK, A. MARIANI (<i>Rochester, MN, USA; Milan, Italy</i>)	3673
Gastrocutaneous Fistula in a Patient with Locally Recurrent MSI-High Colorectal Cancer: Local Complications Arising from Therapeutic Response to Immune Checkpoint Blockade. C. GREENE, E.K. NAKAKURA, A.H. KO (<i>San Francisco, CA, USA</i>)	3679
Prognostic Factors and Recurrence Pattern of Far-advanced Gastric Cancer with Pathologically-positive Para-aortic Lymph Nodes. A. KAITO, T. KINOSHITA, M. TOKUNAGA, H. SUNAGAWA, M. WATANABE, S. SUGITA, A. TONOUCHI, R. SATO, I. ABE, T. AKIMOTO (<i>Kashiwa; Tokyo, Japan</i>)	3685
Clinicopathological Characteristics of Metaplastic Papillary Tumor of the Fallopian Tube. M. JANG, J.-Y. SUNG, J.-Y. KIM, H.-S. KIM (<i>Seoul, Republic of Korea</i>)	3693
Phase I Study of Neoadjuvant Chemotherapy with Capecitabine and Oxaliplatin for Locally Advanced Gastric Cancer. H. SATAKE, M. KONDO, M. MIZUMOTO, T. KOTAKE, Y. OKITA, T. OGATA, Y. HATACHI, H. YASUI, A. MIKI, Y. IMAI, C. ICHIKAWA, K. MUROTANI, M. KOTAKA, T. KATO, S. KAIHARA, A. TSUJI (<i>Kobe; Kita; Nagakute; Amagasaki, Japan</i>)	3703
Axitinib for Gemcitabine-refractory Advanced Biliary Tract Cancer: Report of 5 Cases. N. OKANO, A. KASUGA, K. KAWAI, T. KOBAYASHI, D. NARUGE, F. NAGASHIMA, J. FURUSE (<i>Tokyo, Japan</i>)	3711
Combining Abiraterone and Radiotherapy in Prostate Cancer Patients Who Progressed During Abiraterone Therapy. B. DETTI, R.M. D'ANGELO, G. INGROSSO, E. OLMETTO, G. FRANCOLINI, L. TRIGGIANI, A. BRUNI, S. BORGHESI, S. FONDELLI, T. CARFAGNO, R. SANTINI, R. SANTONI, L.E. TRODELLA, L. LIVI (<i>Florence; Rome; Brescia; Modena; Arezzo; Siena; Pistoia, Italy</i>)	3717
Histology-based Combination Induction Chemotherapy for Elderly Patients with Clinical Stage III Non-small Cell Lung Cancer. G.L. BANNA, H.J.S. PARRA, M. CASTAING, M.V. DIECI, G. ANILE, M. NICOLOSI, S. STRANO, F. MARLETTA, V. GUARNERI, P. CONTE, R. LAL (<i>Catania; Padua, Italy; London, UK</i>)	3723
Radiosurgery with a Rotating Gamma System: A Very Effective Treatment for Symptomatic Cerebral Cavernomas. P.C. PHUONG, N.D. LUAN, V.T.H. TRANG, S.E. SCHILD, D. RADES, M.T. KHOA (<i>Hanoi, Vietnam; Scottsdale, AZ, USA; Lübeck, Germany</i>)	3729
Evaluation of a New Technique for iFOBT Utilising a New Sample Collection Device with Increased Buffer Stability. M. BRUNS-TOEPLER, P. HARDT (<i>Giessen, Germany</i>)	3735
Clinical Outcomes of Resectable Esophageal Cancer with Supraclavicular Lymph Node Metastases Treated with Curative Intent. Y. HONMA, N. HOKAMURA, K. NAGASHIMA, K. SUDO, H. SHOJI, S. IWASA, A. TAKASHIMA, K. KATO, T. HAMAGUCHI, N. BOKU, R. UMEZAWA, Y. ITO, J. ITAMI, K. KOYANAGI, H. IGAKI, Y. TACHIMORI (<i>Tokyo; Chiba, Japan</i>)	3741

Left Ventricular Ejection Fraction Screening and Clinical Decision-making in Metastatic HER2-positive Breast Cancer. C. MESCHER, C. DING, T. DEFOR, S. KONETY, A. BLAES (<i>Minneapolis, MN, USA</i>).....	3751
The Sentinel Node with Isolated Breast Tumor Cells or Micrometastases. Benefits and Risks of Axillary Dissection. V. MADEKIVI, P. BOSTRÖM, R. AALTONEN, T. VAHLBERG, E. SALMINEN (<i>Turku, Finland</i>)	3757
Impact and Prediction of Lymph Node Involvement in Patients with Intrahepatic Cholangiocarcinoma After Curative Resection. N. HARADA, T. YOSHIZUMI, Y.-I. YAMASHITA, Y. SOEJIMA, T. IKEGAMI, N. HARIMOTO, S. ITOH, Y. MAEHARA (<i>Fukuoka; Kumamoto, Japan</i>).....	3763
Weekly High-dose 5-Fluorouracil as 24-hour Infusion Combined with Sodium Folinic Acid (AIO regimen) Plus Irinotecan in Second-line and Sequential Therapy of Metastatic Colorectal Cancer (CRC). A. WEIN, J. SIEBLER, K. WOLFF, N. OSTERMEIER, D. BUSSE, A. HAGEL, F. KOCH, K. MERX, M.F. NEURATH, R.-D. HOFHEINZ (<i>Erlangen-Nuremberg; Mannheim, Germany</i>)	3771
Immunological Status May Predict Response to Nivolumab in Non-small Cell Lung Cancer without Driver Mutations. M. NAKAO, H. MURAMATSU, Y. KAGAWA, Y. SUZUKI, Y. SAKAI, R. KUROKAWA, K. FUJITA, H. SATO (<i>Yatomi, Japan</i>).....	3781
Neck Dissection and Thoracoscopic Esophagectomy in Esophageal Cancer with Aberrant Subclavian Artery. H. KITAGAWA, T. NAMIKAWA, K. HANAZAKI (<i>Nankoku, Japan</i>).....	3787
Hepatitis B Reactivation in a Patient Receiving Chemotherapy for Breast Cancer: A Case Report. M. REMO, I. ABRAHAM, V. KANKANALA, W. CHACRA, O.C. DANCIU (<i>Chicago, IL, USA</i>)	3791
KLF9 Is a Prognostic Indicator in Human Pancreatic Ductal Adenocarcinoma. Z. MAO, X. FAN, J. ZHANG, X. WANG, X. MA, C.W. MICHALSKI, Y. ZHANG (<i>Zhenjiang, PR China; Heidelberg, Germany</i>)	3795
Prognostic Importance of Vitamins A, E and Retinol-binding Protein 4 in Renal Cell Carcinoma Patients. R. SOBOTKA, O. ČAPOUN, M. KALOUSOVÁ, T. HANUŠ, T. ZIMA, M. KOŠTÍŘOVÁ, V. SOUKUP (<i>Prague, Czech Republic</i>)	3801
Correlation Between Minimum Apparent Diffusion Coefficient (ADC_{min}) and Tumor Cellularity: A Meta-analysis. A. SUROV, H.J. MEYER, A. WIENKE (<i>Leipzig; Halle, Germany</i>)	3807
Factors Influencing Disease Progression in Patients with Head and Neck Melanoma. U. USLU, G. SCHULER, H. BREUNINGER (<i>Erlangen; Tübingen, Germany</i>)	3811
PROCEEDINGS OF THE 20th ANNUAL MEETING OF THE SOCIETY OF BIOTHERAPEUTIC APPROACHES, 10 December, 2016 (<i>Fukuoka, Japan</i>)	3817-3980
Clinicopathological and Corresponding Genetic Features of Colorectal Signet Ring Cell Carcinoma (<i>Review</i>). K. TAJIRI, T. SUDOU, F. FUJITA, T. HISAKA, T. KINUGASA, Y. AKAGI (<i>Fukuoka, Japan</i>).....	3817
HB-EGF Is a Promising Therapeutic Target for Lung Cancer with Secondary Mutation of $EGFR^{T790M}$. F. YOTSUMOTO, S. FUKAGAWA, K. MIYATA, S.O. NAM, T. KATSUDA, D. MIYAHARA, T. ODAWARA, S. MANABE, T. ISHIKAWA, S. YASUNAGA, S. MIYAMOTO (<i>Fukuoka; Kagawa, Japan</i>)	3825
Apremilast Induces Apoptosis of Human Colorectal Cancer Cells with Mutant KRAS. K. NISHI, H. LUO, S. ISHIKURA, K. DOI, Y. IWAIHARA, L. WILLS, G.S. BAILLIE, T. SAKATA, S. SHIRASAWA, T. TSUNODA (<i>Fukuoka, Japan; Glasgow, Scotland, UK</i>)	3833
Loss of Tyrosine Kinase 2 Does Not Affect the Severity of Jak2V617F-induced Murine Myeloproliferative Neoplasm. T. YAMAJI, K. SHIDE, T. KAMEDA, M. SEKINE, A. KAMIUNTEN, T. HIDAKA, Y. KUBUKI, H. SHIMODA, H. ABE, T. MIIKE, H. IWAKIRI, Y. TAHARA, M. SUETA, S. YAMAMOTO, S. HASUIKE, K. NAGATA, K. SHIMODA (<i>Miyazaki, Japan</i>)	3841

Interactive Analysis of TX-1123 with Cyclo-oxygenase: Design of COX2 Selective TX Analogs. K. OHKURA, Y. TATEMATSU, Y. KAWAGUCHI, Y. UTO, H. HORI (<i>Suzuka; Choshi; Tokushima, Japan</i>).....	3849
An Alpha-kinase 2 Gene Variant Disrupts Filamentous Actin Localization in the Surface Cells of Colorectal Cancer Spheroids. K. NISHI, H. LUO, K. NAKABAYASHI, K. DOI, S. ISHIKURA, Y. IWAIHARA, Y. YOSHIDA, K. TANISAWA, T. ARAI, S. MORI, M. SAWABE, M. MURAMATSU, M. TANAKA, T. SAKATA, S. SHIRASAWA, T. TSUNODA (<i>Fukuoka; Tokyo, Japan</i>).....	3855
Frequency of Myeloid-derived Suppressor Cells in the Peripheral Blood Reflects the Status of Tumor Recurrence. T. TANAKA, M. FUJITA, H. HASEGAWA, A. ARIMOTO, M. NISHI, E. FUKUOKA, Y. SUGITA, T. MATSUDA, Y. SUMI, S. SUZUKI, Y. KAKEJI, K. YAMASHITA (<i>Kobe; Osaka, Japan</i>).....	3863
Efficacy of Combination Therapy with MET and VEGF Inhibitors for MET-overexpressing Glioblastoma. T. OKUDA, T. TASAKI, S. NAKATA, K. YAMASHITA, H. YOSHIOKA, S. IZUMOTO, A. KATO, M. FUJITA (<i>Osaka; Kyoto; Kobe, Japan</i>).....	3871
Design and Synthesis of Novel Anti-metastatic Hypoxic Cytotoxin TX-2137 Targeting AKT Kinase. I. SHIBA, R. KOZAKI, H. YAMADA, Y. ENDO, T. TAKINO, H. SATO, K. KITAZATO, T. KAGEJI, S. NAGAHIRO, Y. UTO (<i>Tokushima; Kanazawa, Japan</i>).....	3877
Discordance of <i>MCM7</i> mRNA and its Intronic MicroRNA Levels Under Hypoxia. H. KONDO, Y. SHIMONO, J. MUKOHYAMA, Y. TANAKA, N. SHIBUYA, H. MINAMI, Y. KAKEJI, A. SUZUKI (<i>Kobe, Japan</i>).....	3885
Antitumour Effects of Intravenous Administration of BK-UM, a Novel Inhibitor of HB-EGF, in Ovarian Cancer Therapy. S. FUKAGAWA, F. YOTSUMOTO, T. ODAWARA, S. MANABE, T. ISHIKAWA, S. YASUNAGA, S. MIYAMOTO (<i>Fukuoka; Kagawa, Japan</i>)	3891
Measurement of the Phagocytic Activity of Human Peripheral Blood Using a Highly Sensitive Fluorometric Detection Device Without Hemolysis. R. ZHANG, H. INAGAWA, M. TAKAHASHI, H. KAWANISHI, K. KAZUMURA, H. TSUCHIYA, N. MORISHITA, Y. KOBAYASHI, T. MASAKI, H. KOBARA, G.-I. SOMA (<i>Kagawa; Niigata; Hamamatsu, Japan</i>)	3897
Expression of <i>N</i> -Acetylgalactosaminyltransferase-6 Is Related to Expression of Cell Adhesion Molecules in Endometrial Cancer. T. KURITA, T.N. THI, C. KOI, M. MURAKAMI, S. KAGAMI, H. IZUMI, T. HACHISUGA (<i>Kitakyushu, Japan</i>)	3905
Expression of Polypeptide <i>N</i> -Acetylgalactosaminyltransferase-6 in Epithelial Ovarian Carcinoma. M. MURAKAMI, S. KAGAMI, T.T. NGUYEN, C. KOI, T. KURITA, T. HACHISUGA (<i>Kitakyushu, Japan</i>)	3911
Lipopolysaccharides Derived from <i>Pantoea agglomerans</i> Can Promote the Phagocytic Activity of Amyloid β in Mouse Microglial Cells. Y. KOBAYASHI, H. INAGAWA, C. KOHCHI, K. OKAZAKI, R. ZHANG, H. KOBARA, T. MASAKI, G.-I. SOMA (<i>Kagawa; Niigata, Japan</i>).....	3917
Systemic Intravenous Adoptive Transfer of Autologous Lymphokine-activated $\alpha\beta$ T-Cells Improves Temozolomide-induced Lymphopenia in Patients with Glioma. Y. KANEMURA, M. SUMIDA, Y. OKITA, E. YOSHIOKA, A. YAMAMOTO, D. KANEMATSU, Y. HANDA, H. FUKUSUMI, Y. INAZAWA, A. TAKADA, M. NONAKA, S. NAKAJIMA, K. MORI, S. GOTO, T. KAMIGAKI, T. SHOFUDA, S. MORIUCHI, M. YAMASAKI (<i>Osaka; Hirakata; Nishinomiya; Amagasaki; Tokyo; Izumiotsu; Takatsuki, Japan</i>).....	3921
Hepatectomy for Liver Metastases of Colorectal Cancer After Adoptive Chemoimmunotherapy Using Activated $\alpha\beta$ T-cells. F. ISHII, Y. YOSHIDA, Y. YAMAUCHI, N. AISU, D. KOJIMA, T. MERA, D. KATO, T. TANAKA, K. NAITO, K. YASUMOTO, T. KAMIGAKI, S. GOTO, Y. HAMADA, S. NIMURA, S. KODAMA, S. HASEGAWA (<i>Fukuoka; Tokyo, Japan</i>)	3933

Clinical Study on the Medical Value of Combination Therapy Involving Adoptive Immunotherapy and Chemotherapy for Stage IV Colorectal Cancer (COMVI Study). Y. YOSHIDA, M. NAITO, T. YAMADA, N. AISU, D. KOJIMA, T. MERA, T. TANAKA, K. NAITO, K. YASUMOTO, T. KAMIGAKI, S. GOTOH, S. KODAMA, Y. YAMASHITA, S. HASEGAWA (<i>Fukuoka; Tokyo, Japan</i>)	3941
Efficacy of Adoptive Immune-cell Therapy in Patients with Advanced Gastric Cancer: A Retrospective Study. R. TAKIMOTO, T. KAMIGAKI, S. OKADA, E. MATSUDA, H. IBE, E. OGUMA, K. NAITOH, K. MAKITA, S. GOTO (<i>Tokyo, Japan</i>)	3947
Serum Heparin-binding Epidermal Growth Factor-like Growth Factor (HB-EGF) as a Biomarker for Primary Ovarian Cancer. K. MIYATA, F. YOTSUMOTO, S. FUKAGAWA, C. KIYOSHIMA, N.S. OUK, D. URUSHIYAMA, T. ITO, T. KATSUDA, M. KURAKAZU, R. ARAKI, A. SANUI, D. MIYAHARA, M. MURATA, K. SHIROTA, H. YAGI, T. TAKONO, K. KATO, N. YAEGASHI, K. AKAZAWA, M. KUROKI, S. YASUNAGA, S. MIYAMOTO (<i>Fukuoka; Sendai; Niigata, Japan</i>)	3955
Perineural Invasion Is a Prognostic Factor and Treatment Indicator in Patients with Rectal Cancer Undergoing Curative Surgery: 2000-2011 Data from a Single-center Study. T. KINUGASA, T. MIZOBE, S. SHIRAIWA, Y. AKAGI, K. SHIROUZU (<i>Kurume, Japan</i>)	3961
Analysis of Evolving Clinicopathological Features of Metastatic Brain Tumors Over 30 Years of Surgical Management. H. KOBAYASHI, M. HAMASAKI, T. MORISHITA, T. INOUYE, K. NABESHIMA (<i>Fukuoka, Japan</i>)	3969
Laparoscopically Removed Streak Gonad Revealed Gonadoblastoma in Frasier Syndrome. K. HASHIMOTO, Y. HORIBE, J. EZAKI, T. KANNO, N. TAKAHASHI, Y. AKIZAWA, H. MATSUI, T. YAMAMOTO, N. SHIBATA (<i>Tokyo, Japan</i>)	3975
Errata	3981