

# ANTICANCER RESEARCH

International Journal of Cancer Research and Treatment

ISSN: 0250-7005

Volume 26, Number 1B, January-February 2006

## Contents

### *Clinical Studies*

- Biological Reconstruction after Excision of Juxta-articular Osteosarcoma around the Knee: A New Classification System. H. TSUCHIYA, M.E. ABDEL-WANIS, K. TOMITA (*Kanazawa, Japan; Sohag, Egypt*) ..... 447
- Nuclear Size as Prognostic Determinant in Stage II and Stage III Colorectal Adenocarcinoma. A. BUHMEIDA, A. ÅLGARS, R. RISTAMÄKI, Y. COLLAN, K. SYRJÄNEN, S. PYRHÖNEN (*Turku, Finland*) ..... 455
- \* Prospect for Anti-HER2 Receptor Therapy in Breast Cancer. F.-X. BRAND, N. RAVANEL, A.-S. GAUCHEZ, D. PASQUIER, R. PAYAN, D. FAGRET, M. MOUSSEAU (*Grenoble; St. Martin d'Hères, France*) ..... 463
- Single-Institute Phase I/II Trial of Alternating Chemoradiotherapy with 5-FU and Nedaplatin for Esophageal Carcinoma. T. KODAIRA, N. FUWA, M. KAMATA, K. FURUTANI, H. TACHIBANA, T. YAMAZAKI (*Aichi, Japan*) ..... 471
- Epoetin Beta (NeoRecormon®) Therapy in Patients with Solid Tumours Receiving Platinum and Non-platinum Chemotherapy: a Meta-analysis. M. BOOGAERTS, C. OBERHOFF, W. TEN BOKKEL HUININK, M.R. NOWROUSIAN, C.R.W. HAYWARD, H.U. BURGER (*Leuven, Belgium; Essen, Germany; Amsterdam, The Netherlands; Basel, Switzerland*) ..... 479
- \* External Beam Radiotherapy for Prostate Cancer: Current Position and Trends. M.I. KOUKOURAKIS, S. TOULOUPIDIS (*Alexandroupolis, Greece*) ..... 485
- \* Sequential *Versus* Concurrent Chemo-radiotherapy in Inoperable Stage III Non-small Cell Lung Cancer. S.Y. EL SHAROUNI, H.B. KAL, J.J. BATTERMANN, F.M.N.H. SCHRAMMEL (*Utrecht; Nieuwegein, The Netherlands*) ..... 495
- SMAD4/DPC4 Expression and Prognosis in Human Colorectal Cancer. M. ISAKSSON-METTÄVAINIO, R. PALMQVIS, J. FORSELL, R. STENLING, Å. ÖBERG (*Umeå, Sweden*) ..... 507

Contents continued on the back cover

* Stable Disease in Advanced Colorectal Cancer: Therapeutic Implications. L.M. PASETTO, M.R. D'ANDREA, A. JIRILLO, E. ROSSI, S. MONFARDINI ( <i>Padova; Noale, Italy</i> ) .....	511
Enhanced Expression and Activity of DNA Polymerase $\beta$ in Chronic Myelogenous Leukemia. Y. CANITROT, G. LAURENT, C. ASTARIE-DEQUEKER, C. BORDIER, C. CAZAUX, J.-S. HOFFMANN ( <i>Toulouse; France</i> ) .....	523
Location and Age at Onset of Colorectal Cancer in Hungarian Patients between 1993 and 2004. The High Number of Advanced Cases Supports the Need for a Colorectal Cancer Screening Program in Hungary. P. FUSZEK, H.C HORVATH, G SPEER, J. PAPP, P. HALLER, S. FISCHER, J. HALASZ, B. JARAY, E. SZEKELY, Z. SCHAFF, A. PAPP, A. BURSICS, L. HARSANYI, P. LUKOVICH, P. KUPCSULIK, E. HITRE, P.L. LAKATOS ( <i>Budapest, Hungary</i> ) .....	527
Predominance of Younger Age, Advanced Stage, Poorly-differentiated and Mucinous Histology in Israeli Arab Patients with Colorectal Cancer. B. SHPITZ, M. MILLMAN, Y. ZIV, E. KLEIN, M. GRANKIN, S. GOCHBERG, J. SANDBANK, A. HALEVI, J. BERNHEIM, Y. KHROMOV, M. GUTMAN, J. SAYFAN ( <i>Kfar Sava; Zeriġin; Haifa, Israel</i> ) .....	533
Palliative Chemotherapy with Trofosfamide in Advanced Prostate Cancer. E.K. SALMINEN, J. SUNDSTRÖM, V. NIKKANEN ( <i>Turku, Finland</i> ) .....	539
Plasma CD105, TGF $\beta$ -1, TGF $\beta$ -3 and the Ligand/Receptor Complexes in Children with Acute Lymphoblastic Leukaemia. A. AL-MOWALLAD, T. CARR, A. AL-QOUZI, C.G. LI, R. BYERS, S. KUMAR ( <i>Manchester, UK</i> ) .....	543
Gemcitabine in Combination with Vinorelbine for Heavily Pretreated Advanced Breast Cancer. C. GENNATAS, V. MICHALAKI, D. MOURATIDOU, N. TSAVARIS, C. ANDREADIS, J. PSYCHOGIOS, N. POULAKAKI ( <i>Athens; Thessaloniki; Greece</i> ) .....	549
A Randomized Phase III study: Comparison between Intravenous and Intraarterial ACNU Administration in Newly Diagnosed Primary Glioblastomas. F. IMBESI, E. MARCHIONI, E. BENERICETTI, F. ZAPPOLI, A. GALLI, M. CORATO, M. CERONI ( <i>Monza; Parma; Pavia, Italy</i> ) .....	553
Adjuvant Docetaxel, Cisplatin and 5-Fluorouracil (TPF) in Locally Advanced Squamous Cell Carcinoma of the Head and Neck. M. BAGHI, M. HAMBEK, A. MAY, A. RADELOFF, W. GSTOETTNER, R. KNECHT ( <i>Frankfurt, Germany</i> ) .....	559
Both Bronchial and Vascular Stenting Followed by Chemoradiotherapy for Locally Advanced Non-small Cell Lung Cancer. M. FUKUDA, Y. OBASE, N. MIYASHITA, D. SHIBATA, K. YOSHIDA, Y. MORI, K. MOURI, K. YOSHIDA, Y. KOBASHI, Y. NIKI, M. OKA ( <i>Okayama, Japan</i> ) .....	565
Significance of Local Recurrence as a Prognostic Factor in the Treatment of Breast Cancer. J. HORIGUCHI, Y. KOIBUCHI, T. YOSHIDA, D. TAKATA, M. KIKUCHI, N. ROKUTANDA, R. NAGAOKA, Y. IINO, Y. MORISHITA ( <i>Gunma, Japan</i> ) .....	569
Radical External Beam Radiotherapy for Clinically Localized Prostate Cancer in Japan: Differences in the Patterns of Care between Japan and the United States. K. OGAWA, K. NAKAMURA, H. ONISHI, T. SASAKI, M. KOIZUMI, Y. SHIOYAMA, T. KOMIYAMA, Y. MIYABE, T. TESHIMA, THE JAPANESE PATTERNS OF CARE STUDY WORKING SUBGROUP OF PROSTATE CANCER ( <i>Osaka; Fukuoka; Yamanashi; Kyoto, Japan</i> ) .....	575
The Combination of Epirubicin plus Docetaxel as Neoadjuvant Chemotherapy in Locally-advanced Breast Cancer. A. HIRANO, T. SHIMIZU, H. IMAMURA, O. WATANABE, J. KINOSHITA, T. OKABE, K. KIMURA, M. KAMIMURA, K. DOMOTO, M. AIBA, K. OGAWA ( <i>Tokyo, Japan</i> ) .....	581
A Phase II Trial of Docetaxel, Cisplatin and 5-Fluorouracil in Patients with Recurrent Squamous Cell Carcinoma of the Head and Neck (SCCHN). M. BAGHI, M. HAMBEK, J. WAGENBLAST, A. MAY, W. GSTOETTNER, R. KNECHT ( <i>Frankfurt, Germany</i> ) .....	585

Comparative Effects of the Administration Period of Adjuvant Chemotherapy using Doxifluridine (5'-DFUR) for 1 Year Versus 3 Years after Breast Cancer Surgery by the Shimane Breast Cancer Study Group. <i>Shimane Breast Cancer Study Group, Japan</i> .....	591
Pre-operative Immunoprophylaxis with Interleukin-2 may Improve Prognosis in Radical Surgery for Colorectal Cancer Stage B-C. F. BRIVIO, L. FUMAGALLI, P. LISSONI, A. NARDONE, L. NESPOLI, L. FATTORI, M. DENOVA, M. CHIARELLI, A. NESPOLI ( <i>Milano, Italy</i> ).....	599
An Eight-year Survivor with Multiple Brain Metastases of Non-small Cell Lung Cancer: an Autopsy Case. H. KAWAMURA, Y. NAKAYAMA, H. ISHIKAWA, M. KIYOZUKA, Y. KITAMOTO, M. HASEGAWA, J. HIRATO, H. NIIBE, K. HAYAKAWA, T. NAKANO ( <i>Gunma; Tokyo; Kanagawa, Japan</i> ).....	605
Hepatic Arterial Infusion of Oxaliplatin and L-Folinic Acid-modulated 5-Fluorouracil for Colorectal Cancer Liver Metastases. B. NEYNS, Y. VAN NIEUWENHOVE, M. AERTS, C. FONTAINE, J. VERMEIJ, D. SCHALLIER, L. DECOSTER, J. DE MEY, F. VANDENBROUCKE, A. HOORENS, G. DELVAUX, J. DE GRÉVE ( <i>Brussels, Belgium</i> ).....	611
Predictive Value of Syndecan-1 Expression for the Response to Neoadjuvant Chemotherapy of Primary Breast Cancer. M. GÖTTE, C. KERSTING, M. RUGGIERO, J. TIO, A.H. TULUSAN, L. KIESEL, P. WÜLFING ( <i>Münster; Bayreuth, Germany; Pisa, Italy</i> ).....	621
CD24 Expression is Specific for Tamoxifen-resistant Ductal Breast Cancer Cases. P. SUROWIAK, V. MATERNA, P. PALUCHOWSKI, R. MATKOWSKI, A. WOJNAR, A. MACIEJCZYK, M. PUDELKO, J. KORNAFEL, M. DIETEL, G. KRISTIANSEN, H. LAGE, M. ZABEL ( <i>Berlin; Pinneberg, Germany; Wrocław; Poznan, Poland</i> ) .....	629
Mucocele of the Appendiceal Stump due to Benign Mucinous Cystadenoma. D.P. KORKOLIS, APOSTOLAKI, G.D. PLATANIOTIS, J. TZORBATZOGLOU, I.G. KARAITIANOS, P.P. VASSILOPOULOS ( <i>Athens, Greece</i> ) .....	635
Clinicopathological Properties of Poorly-differentiated Adenocarcinoma of the Stomach: Comparison of Solid- and Non-solid-types. C. KUNISAKI, H. AKIYAMA, M. NOMURA, G. MATSUDA, Y. OTSUKA, HIDETAKA A. ONO, Y. NAGAHORI, M. TAKAHASHI, F. KITO, H. SHIMADA ( <i>Yokohama; Kanagawa, Japan</i> ).....	639
HER-2/neu Status of Primary Breast Cancer and Corresponding Metastatic Sites in Patients with Advanced Breast Cancer Treated with Trastuzumab-based Therapy. D. PECTASIDES, A. GAGLIA, P. ARAPANTONI-DADIOTI, A. BOBOTA, C. VALAVANIS, V. KOSTOPOULOU, N. MYLONAKIS, A. KARABELIS, M. PECTASIDES, T. ECONOMOPOULOS ( <i>Athens; Piraeus, Greece</i> ) .....	647
Endometrial Stromal Sarcomas – a Retrospective Analysis of 11 Patients. D. DIESING, T. CORDES, D. FINAS, M. LÖNING, K. MAYER, K. DIEDRICH, M. FRIEDRICH ( <i>Luebeck; Homburg/ Saar, Germany</i> ).....	655
HPV16 DNA in Histologically Confirmed Tumour-free Neck Lymph Nodes of Head and Neck Cancers. M. HOFFMANN, A. ORLAMÜNDER, J. SUCHER, S. GOTTSCHLICH, T. GÖRÖGH, A. FAZEL, P. AMBROSCH, W. RITTGEN, E. SCHWARZ, T. KAHN ( <i>Kiel; Heidelberg, Germany</i> ).....	663
Radiofrequency Ablation of Colorectal Liver Metastases: Mid-term Results in 68 Patients. T.F. JAKOBS, R.-T. HOFFMANN, C. TRUMM, M.F. REISER, T.K. HELMBERGER ( <i>Munich, Germany</i> ) .....	671
* Surgery for Advanced and Metastatic Pancreatic Cancer – Current State and Perspectives. O. MANN, T. STRATE, C. SCHNEIDER, E.F. YEKEBAS, J.R. IZBICKI ( <i>Hamburg-Eppendorf, Germany</i> ) .....	681
P53 Gene Status in Patients with Advanced Serous Epithelial Ovarian Cancer in Relation to Response to Paclitaxel- plus Platinum-based Chemotherapy and Long-term Clinical Outcome. A. GADDUCCI, C. DI CRISTOFANO, M. ZAVAGLIA, L. GIUSTI, M. MENICAGLI, S. COSIO, A.G. NACCARATO, A.R. GENAZZANI, G. BEVILACQUA, A.O. CAVAZZANA ( <i>Pisa, Italy</i> ) .....	687

Loss of BRCA1 Expression May Predict Shorter Time-to-progression in Metastatic Breast Cancer Patients Treated with Taxanes. J. KUREBAYASHI, Y. YAMAMOTO, M. KUROSUMI, S. OKUBO, T. NOMURA, K. TANAKA, H. SONOO ( <i>Okayama; Saitama, Japan</i> ).....	695
Targeted Radionuclide Therapy with <sup>90</sup> Y-DOTATOC in Patients with Neuroendocrine Tumors. F. FORRER, C. WALDHERR, H.R. MAECKE, J. MUELLER-BRAND ( <i>Basel, Switzerland</i> ).....	703
Reducing Malignant Ascites Accumulation by Repeated Intraperitoneal Administrations of a <i>Viscum album</i> Extract. G. BAR-SELA, H. GOLDBERG, D. BECK, A. AMIT, A. KUTEN ( <i>Haifa, Israel</i> ).....	709
* Prospect for Anti-Her2 Receptor Therapy in Breast Cancer. F.-X. BRAND, N. RAVANEL, A.-S. GAUCHEZ, D. PASQUIER, R. PAYAN, D. FAGRET, M. MOUSSEAU ( <i>Grenoble; St. Martin d'Herès, France</i> ).....	715
Calcitonin Measurements for Early Detection of Medullary Thyroid Carcinoma or its Premalignant Conditions in Hashimoto's Thyroiditis. M. SCHUETZ, M. BEHESHTI, S. OEZER, C. NOVOTNY, M. PAUL, A. HOFMANN, C. BIEGLMAYER, B. NIEDERLE, K. KLETTER, R. DUDCZAK, G. KARANIKAS, C. PIRICH ( <i>Vienna, Austria</i> ).....	723
Severe Encephalopathy after High-dose Chemotherapy with Autologous Stem Cell Support for Brain Tumours. F. VAN DEN BERKMORTEL, C. GIDDING, M. DE KANTER, C.J.A. PUNT ( <i>Maastricht; Nijmegen, The Netherlands</i> ).....	729
Effects of the Antiestrogens Tamoxifen and Raloxifene on the Estrogen Receptor Transactivation Machinery. M. GLAESER, D. NIEDERACHER, S. DJAHANSOUZI, B. HANSTEIN, R. DITTRICH, M.W. BECKMANN, P.A. FASCHING, S. ACKERMANN ( <i>Duesseldorf; Erlangen, Germany</i> ).....	735
Pegylated Liposomal Doxorubicin and Vinorelbine in Recurrent Ovarian Carcinoma: A Pharmacokinetic Study on Alternate Administration Sequences. L. CATTEL, R. PASSERA, D. KATSAROS, M. MEDAIL, P. MILLA, A.M. FERRERO ( <i>Torino, Italy</i> ).....	745
Association between Carcinosarcoma and the Transplanted Kidney. I. BUZOGÁNY, F. BAGHERI, N. SÜLE, T. MAGYARLAKI, K. KALMÁR-NAGY, L. FARKAS, G. PAJOR ( <i>Pécs, Hungary; Bonn, Germany</i> ).....	751
Prostate Cancer Presenting as Visual Changes. K.B. OLSON, K.J. PIENTA ( <i>Ann Arbor, MI, USA</i> ).....	755
The Application of Aquaplast Thermoplastic as a Bolus Material in the Radiotherapy of a Patient with Classic Kaposi's Sarcoma at the Lower Extremity. K.-M. HUANG, C.-H. HSU, S.-C. JENG, L.-L. TING, J.C.-H. CHENG, W.-T. HUANG ( <i>Taipei; Hsinchu, Taiwan</i> ).....	759
Immunohistochemical Expression of HER-1 and HER-2 in Extrahepatic Biliary Carcinoma. Y. OGO, Y. NIO, S. YANO, T. TOGA, M. KOIKE, K. HASHIMOTO, M. ITAKURA, R. MARUYAMA ( <i>Izumo, Japan</i> ).....	763
Gemcitabine Combined with 5-Fluorouracil and Cisplatin (GFP) in Patients with Advanced Biliary Tree Cancers: A Pilot Study. Y.-I. YAMASHITA, A. TAKETOMI, K. FUKUZAWA, T. YOSHIZUMI, H. UCHIYAMA, M. SIMADA, K. SHIRABE, K. WAKASUGI, Y. MAEHARA ( <i>Fukuoka; Oita; Tokushima, Japan</i> ).....	771
Phase II Study of Weekly Paclitaxel for Relapsed and Refractory Small Cell Lung Cancer. N. YAMAMOTO, J. TSURUTANI, N. YOSHIMURA, G. ASAI, A. MORIYAMA, K. NAKAGAWA, S. KUDOH, M. TAKADA, Y. MINATO, M. FUKUOKA ( <i>Osaka; Shizuoka, Japan</i> ).....	777
Evaluation of CK8-specific Autoantibodies in Carcinomas of Distinct Localisations. M. AHLEMANN, B. SCHMITT, P. STIEBER, O. GIRES, S. LANG, R. ZEIDLER ( <i>Munich, Germany</i> ).....	783
Matrix Metalloproteinase (MMP) -1, -2, -3 and -9 Promoter Polymorphisms in Colorectal Cancer. N. ELANDER, P. SÖDERKVIST, K. FRANSEN ( <i>Linköping, Sweden</i> ).....	791
Non-invasive Monitoring of Cardiac Hemodynamic Parameters in Doxorubicin-treated Patients: Comparison with Echocardiography. F. VILLANI, R. MEAZZA, C. MATERAZZO ( <i>Milano, Italy</i> ).....	797
Quantitative Estimation of CEA and CK20 Expression in Tumour Tissue of Colorectal Cancer and its Liver Metastases with Reverse Transcription and Real-time PCR. M. CERNA, L. HOLUBEC Jr, M. PESTA, S. KORMUNDA, O. TOPOLCAN, R. CERNY ( <i>Pilsen; Czech Republic</i> ).....	803
Reviews (pages 463, 485, 495, 511, 681, 715)	