Contents

Reviews

1163 SR 4233 (Tirapazamine): a new anticancer drug exploiting hypoxia in solid tumours
Brown, J.M.

1171 Cellular accumulation of the anticancer agent cisplatin: a review
Gately, D. P. & Howell, S.B.

Experimental Therapeutics

1177 Biological activities of phthalocyanines – XVI. Tetrahydroxy- and tetraalkylhydroxy zinc phthalocyanines. Effect of alkyl chain length on in vitro and in vivo photodynamic activities
Boyle, R.W., Leznoff, C.C. & van Lier, J.E.

1182 Monoclonal antibodies reacting with the MUC2 mucin core protein

1189 Differential modulation of doxorubicin toxicity to multidrug and intrinsically drug resistant cell lines by anti-oestrogens and their major metabolites
Kirk, J., Houlbrook, S., Stuart, N.S.A., Stratford, I.J., Harris, A.L. & Carmichael, J.

1196 Expression in mammalian cells of the Escherichia coli O\textsuperscript{0} alkylguanine-DNA-alkyltransferase gene \textit{ogt} reduces the toxicity of alkylnitrosoureas
Harris, L.C. & Margison, G.P.

1203 Calmodulin inhibitor trifluoperazine in combination with doxorubicin induces the selection of tumour cells with the multidrug resistant phenotype
Kamath, N., Grabowski, D., Ford, J. & Ganapathi, R.

1209 Involvement of basic fibroblast growth factor in suramin-induced inhibition of V79/A4 fibroblast cell proliferation
Bernardini, N., Giannessi, F., Bianchi, F., Dolfi, A., Lupetti, M., Citti, L., Danesi, R. & Del Tacco, M.

1217 Cytokinetic analysis of lung cancer by \textit{in vivo} bromodeoxyuridine labelling

1223 Intensity of class I antigen expression on human tumour cell lines and its relevance to the efficiency of non-MHC-restricted killing
Nouri, A.M.E., Hussain, R.F., Dos Santos, A.V.L., Mansouri, M. & Oliver, R.T.D.

1229 Caffeine potentiates the lethality of tumour necrosis factor in cancer cells
Belizario, J.E., Tilly, J.L. & Sherwood, S.W.

1236 Recombinations of chromosomal bands 6p21 and 14q24 characterise pulmonary hamartomas

1242 Refinement of an indirect immunotoxin assay of monoclonal antibodies recognising the human cell lung cancer cluster 2 antigen
Derbyshire, E.J., de Leij, L. & Wawrzynzak, E.J.

1248 Targeting of saporin to CD25-positive normal and neoplastic lymphocytes by an anti-saporin anti-CD25 bispecific monoclonal antibody: \textit{in vitro} evaluation

1254 Comparison between p53 staining in tissue sections and p53 proteins levels measured by an ELISA technique
Vojtěšek, B., Fisher, C.J., Barnes, D.M. & Lane, D.P.

1259 Loss of heterozygosity at 11p13 in Wilms’ tumours does not necessarily involve mutations in the WT1 gene
Cowell, J.K., Groves, N. & Baird, P.

1262 Rapid detection of allele loss in colorectal tumours using microsatellites and fluorescent DNA technology
Cawkwell, L., Bell, S.M., Lewis, F.A., Dixon, M.F., Taylor, G.R. & Quirke, P.

1268 Fibroblast stimulation of breast cancer cell growth in a serum-free system
Ryan, M.C., Orr, D.J.A. & Horgan, K.

1274 Gene mutations and increased levels of p53 protein in human squamous cell carcinomas and their cell lines

1285 A new anticancer platinum compound, \((-)(R)-2\)-aminomethyl-pyrrrolodinit(1,1-cyclobutanedicarboxylato)platinum(II): DNA interstrand crosslinking, repair and lethal effects in normal human, Fanconis’s anaemia and xeroderma pigmentosum cells
Fujiwara, Y., Nakamura, M. & Yokoo, S.

1293 Anti-proliferative effects of the arotinoid Ro 40-8757 on human cancer cell lines \textit{in vitro}
Eliason, J.F., Kaufmann, F. (posthumous), Tanaka, Y. & Tsukaguchi, T.

(continued inside back cover)
1303 Altered phosphorylation status, phospholipid metabolism and gluconeogenesis in the host liver of rats with prostate cancer: a 1H magnetic resonance spectroscopy study

1310 Pharmacokinetic studies in mice with IC1 D0490, a novel recombinant rA chain immunotoxin
Camet, J.A., Newell, D.R., Charlton, C.J. & Wright, A.F.

1312 Examination by laser scanning confocal fluorescence imaging microscopy of the subcellular localisation of anthraacelines in parent and multidrug resistant cell lines
Cole, H.M., Anos, W.B., Twomey, P.R. & Workman, P.

1324 Evidence for field change in oral cancer based on cytokeratin expression in clinically normal epithelium
O’Regan, G.R., Lane, E.B., Hopwood, D.V. & Chisholm, D.M.

1331 Effective removal of SCLC cells from human bone marrow. Use of four monoclonal antibodies and immunomagnetic beads
Myklebust, A.T., Pharao, A. & Fodstad, O.

1337 Resistance to flow through tissue-isolated transplanted rat tumours located in two different sites
Sensky, P.L., Prise, V.E., Tozer, G.M., Shaft, K.M. & Hirst, D.G.

Clinical Oncology/Epidemiology

1342 Flavone acetic acid (FAA) with recombinant interleukin-2 (rIL-2) in advanced malignant melanoma: I. Clinical and vascular studies
O’Reilly, S.M., Rustin, G.J.S., Farmer, K., Barke, M., Hill, S. & Denekamp, J.

1346 Flavone acetic acid (FAA) with recombinant interleukin-2 (rIL-2) in advanced malignant melanoma III: cytokine studies
Haworth, C., O’Reilly, S.M., Chu, E. & Rustin, G.J.S. & Feldmann, M.

1351 Flavone acetic acid (FAA) with recombinant interleukin-2 (rIL-2) in advanced malignant melanoma IV: Pharmacokinetics and toxicity of flavone acetic acid and its metabolites
Stratford, M.R.L. Rustin, G.J.S., Dennis, M.F., Watfa, R.R., Howells, N. & O’Reilly, S.M.

1356 Sequential administration of varying doses of dacarbazine and fotemustine in advanced malignant melanoma
Lee, S.M., Margison, G.P., Woodcock, A.A. & Thatcher, N.

1361 CA 125 half-life in ovarian cancer: a multivariate survival analysis

1368 Further analysis of predictive value of Helix pomatia lectin binding to primary breast cancer for axillary and internal mammary lymph node metastases
Noguchi, M., Thomas, M., Kitagawa, H., Kinoshita, K., Ohta, N., Nagamori, M. & Miyazaki, I.

1372 Analysis of MHC class I and II expression in relation to presence of HPV genotypes in premalignant and malignant cervical lesions

1381 Duplex colour Doppler sonography: measurement of changes in hepatic arterial haemodynamics following intra-arterial angiotensin II infusion

1385 A randomised study of bolus vs continuous pump infusion of ifosfamide and doxorubicin with oral etoposide for small cell lung cancer

1391 Immunoscintigraphy of small-cell lung cancer: a study using technetium and indium labelled anti-carcinoembryonic antigen monoclonal antibody preparations

1395 High prevalence of mutations at codon 249 of the p53 gene in hepatocellular carcinomas from Senegal
Coursaget, P., Depril, N., Chabaud, M., Nandi, R., Mayelo, V., LeCann, P. & Yvonnet, B.

1399 Interstitial photodynamic therapy. Clinical experience with diffusing fibres in the treatment of cutaneous and subcutaneous tumours

1404 Immunotherapy with subcutaneous low-dose interleukin-2 and the pineal indole melatonin as a new effective therapy in advanced cancers of the digestive tract

1408 The prognostic significance of transforming growth factors in breast cancer factors in breast cancer

1413 Glutathione and glutathione S-transferases in Barrett’s epithelium

1418 Immunohistochemical expression of the mucin-type glycoprotein A-80 and prognosis in human breast cancer
Erickson, E.T., Schmiedenpenning, H., Rutqvist, L.E., Johansson, H. & Auer, G.U.

1423 Clinical evaluation of serum tumour marker CA 242 in non-small cell lung cancer
Pujol, J.L., Cooper, E.H., Lehmann, M., Purves, D.A., Dun-Auata, M., Midander, J., Godard, P. & Michel, F-B.

1430 Weekly chemotherapy in advanced prostatic cancer
Francini, G., Petrilli, R., Manganelli, A., Cintorino, M., Marsili, S., Aquino, A. & Mondillo, S.

1437 Ammon acid infusion blocks renal tubular uptake of an indium-labelled somatostatin analogue

Correspondence

1440 UK Nutritional Epidemiology Group Guidelines
Nelson, M., Margetts, B.M. & Black, A.E.

Book Reviews

1441 Urological Oncology. Bullock, N.
Bowel Cancer. The Facts. Collier, St.J.
Current issues in Cancer, Falk, S.
Cytokine Therapy. Woll, P.J.

1444 Corrigendum

1445 Cumulative Contents

1453 Author Index