Contents

Editorial Announcement

Experimental Oncology
3 Structure of the met protein kinase activity among human tumour cell lines
Tempest, P.R., Stratton, M.R. & Cooper, C.S.
8 Cultivation of human breast carcinomas in soft agar. Experience with 237 fresh tumour specimens
13 A tumour spheroid model for antibody-targeted therapy of micrometastases
17 Macromolecular osteolytic factor synthesised by squamous carcinoma cell lines from the head and neck in vitro is interleukin 1
22 Measurements of membrane potential, transmembrane 4Ca fluxes, cytoplasmic free Ca2+ concentration and insulin release by transplantable rat insulinoma cells maintained in tissue culture
Flatt, P.R., Abrahamsson, H., Arkhammar, P., Obergren, P.O., Rorsman, P. & Swanson-Flatt, S.F.
30 Development of drug resistance in a human epidermoid lung carcinoma xenograft line
Mattern, J., Bak, Jr., M., Hoever, K.H. & Volm, M.
34 Structural damage to lymphocyte nuclei by H2O2 or gamma irradiation is dependent on the mechanism of DHP radical production
38 The effects of co-administration of selenium and cis-platin (CDDP) on reduction of CDDP-induced toxicity and antitumour activity
Ohkawa, K., Tsukada, Y., Dobhono, H., Koike, K. & Terashima, Y.
42 Enhancement of hyperthermo-chemotherapy for human gastric cancer in nude mice by thermo-sensitization with nitroimidazoles
Fujimoto, S., Okub, M., Shrestha, R.D., Kokabun, M., Miyoshi, T., Mori, T., Itumizu, M. & Oku, K.
46 Induction of peroxisome proliferation and hepatic tumours in C57BL/6(N) mouse by ciprofibrate, a hypolipidemic compound
Rao, M.S., Dwivedi, R.S., Subbarao, V. & Reddy, J.K.
52 Quantitative aspects of accelerated nuclear polypliodization and tumour formation in dieldrin treated CF-1 mouse liver
van Ravenzwaai, B. & kunz, W.
57 Studies on the activity of a protease associated with cells at the advancing edge of human tumour masses in frozen sections
Steven, F.S., Griffin, M.M., Maier, H., Weidauer, H., Mangel, W.F. & Allmannaesser, M.
61 Growth inhibition and induction of phenotypic alterations in MCF-7 breast cancer cells by an IMP dehydrogenase inhibitor

Clinical Oncology and Epidemiology
64 In vitro and in vivo analysis of the effects of recombinant human granulocyte colony-stimulating factor in patients
70 A phase I and pharmacokinetic study of didox: A ribonucleotide reductase inhibitor
Veale, D., Carmichael, J., Cantwell, B.M.J., Elford, H.L., Blackie, R., Kerr, D.J., Kaye, S.B. & Harris, A.L.
73 The pharmacokinetics of medroxyprogesterone acetate following two different loading dose schedules in advanced carcinoma of the breast
Canney, P.A., Dowssett, M. & Priestman, T.J.
77 The cytochemical detection of oestrogen receptors in fine needle aspirates of breast cancer; correlation with biochemical assay and prediction of response to endocrine therapy
85 Parietal cell carcinoma of the stomach: association with long-term survival after curative resection
Byrne, D., Holley, M.P. & Cascieri, A.
88 Prognostic value of continuous variables in breast cancer and head and neck cancer. Dependence on the cut-off level
Courli, A., Hey, M., Chauvel, P., Gioanni, J., Namer, M. & Demand, F.
91 Evaluation of the synthetic somatostatin analogue SMS 201-995 in patients with hypoglycaemia associated with hepatocellular carcinoma
Joffe, B.I., Kew, M.C., Panz, V.R., Kalk, W.J., Shires, R., Wing, J. & Sefiel, H.C.
93 Benign ovarian teratomas: A population-based case-control study
Westhoff, C., Pike, M. & Vessey M.
99 Risk of breast cancer in relation to reproductive factors in Denmark
Ewertz, M. & Duffy, S.W.
105 Prior employment as a welder associated with the development of chronic myeloid leukaemia
Preston-Martin, S. & Peters, J.M.

Meeting Reports
109 Guidelines for the welfare of animals in experimental neoplasia

United Kingdom Coordinating Committee on Cancer Research

Forthcoming contents

Calendar