

Recent Journals Contents (1979)

International Journal of Cancer

October 1979

Human Cancer

- R. C. F. Leonard, I. C. M. MacLennan, Y. Smart, R. I. Vanhegan and J. Cuzick: Light chain isotype-associated suppression of normal plasma cell numbers in patients with multiple myeloma.
- A. Goudeau, Ph. Maupas, P. Coursaget, J. Drucker, J. P. Chiron, F. Denis and I. Diop Mar: Hepatitis B virus antigens in human primary hepatocellular carcinoma tissues.
- N. Prasad, R. Prasad, J. E. Harrell, J. Thornby, J. H. Liem, J. Tsuang, P. T. Hudgins and G. A. Guinn: Aryl hydrocarbon hydroxylase inducibility in lung cancer patients undergoing radiotherapy.
- S. Scherneck, M. Rudolf, E. Geissler, F. Vogel, L. Lübke, H. Wähle, G. Nisch, F. Weickmann, W. Zimmermann: Isolation of a SV40-like papovavirus from a human glioblastoma.
- M. A. Stanley and E. K. Parkinson: Growth requirements of human cervical epithelial cells in culture.
- G. R. Pearson, L. F. Qualtiere, G. Klein, T. Norin and I. S. Bal: Epstein-Barr virus specific antibody-dependent cellular cytotoxicity in patients with Burkitt's lymphoma.
- S. R. Damle, P. A. Shetty, D. J. Jussawalla, S. V. Bhide and A. J. Baxi: Occurrence of heat-labile Regan type of alkaline phosphatase in hematopoietic tumour.

Experimental Cancer

- Y. N. Sinha, G. Vlahakis and W. P. VanderLaan: Serum, pituitary and urine concentrations of prolactin and growth hormone in eight strains of mice with varying incidence of mammary tumors.
- A.-K. Ng, K. R. McIntire, S. Suzuki, T. Aoki and R. B. Herberman: Immunochemical characterization of tumor-associated surface antigens on a Moloney leukemia virus-lymphoma, MBL-2.
- H. M. Ayukawa, D. Saltzburg and B. B. Mukherjee: *In vivo* induction of endogenous retroviruses in BALB/c mouse hepatocytes by successive treatments with carbon tetrachloride and bromodeoxyuridine.
- L. V. Rodriguez, K. K. Klein, M. Amoruso and F. F. Becker: Analysis of chromosomal proteins of fractionated chromatin from rat liver and transplantable hepatocellular carcinomas.
- J. R. Connell: The relationship between sister chromatid exchange, chromosome aberration and gene mutation induction by several reactive polycyclic hydrocarbon metabolites in cultured mammalian cells.
- M. H. Moar and G. Klein: Abortive expression of the Epstein-Barr virus (EBV) cycle in a variety of EBV DNA containing cell lines, as reflected by nucleic acid hybridization *in situ*.
- P. H. Gallimore, J. K. McDougall and L. B. Chen: Malignant behaviour of three adenovirus-2 transformed brain cell lines and their methyl-cellulose selected sub-clones.
- M. H. Mirmomeni, M. Suzangar, A. Wise, M. Messripour and H. Emami: Biochemical studies during aflatoxin B₁-induced liver damage in rats fed different levels of dietary protein.
- E. Hurwitz, B. Schechter, R. Arnon and M. Sela: Binding of antitumor immunoglobulins and their daunomycin conjugates to the tumor and its metastases. *In vitro* and *in vivo* studies with Lewis lung carcinoma.
- I. Chouroulinkov, A. Gentil, B. Tierney, P. L. Grover and P. Sims: The initiation of tumours on mouse skin by dihydrodiols derived from 7,12-dimethylbenz(a)anthracene and 3-methylcholanthrene.
- A. D. Inglot, O. Inglot, A. Zoltowska and E. Oleszak: Effect of anti-mouse type 1 interferon globulin on the evolution of Moloney sarcoma virus induced disease in mice.

D. E. Maslow and L. Weiss: Contribution of macrophages to interactions between tumor cells and other tissues assessed in an *in vitro* system.

J. P. Okunewick, R. F. Meredith, B. J. Brozovich, P. R. Seeman and A. L. Schieb: Rauscher leukemia as a model for studies of marrow transplantation therapy: results using syngeneic, allogeneic and hybrid donors.

H. Jalanko: Alpha-fetoprotein and γ -glutamyltranspeptidase in mice. Effect of Raf gene.

International Journal of Cancer

November 1979

Human Cancer

S. Poppema, J. D. Elema and M. R. Halie: The localization of Hodgkin's disease in lymph nodes. A study with immunohistological, enzyme histochemical and rosetting techniques on frozen sections.

A. R. E. Shaw, M. K. Dasgupta, T. Kovithavongs, K. V. Johnny, J. C. Leriche, J. B. Dossetor and T. A. McPherson: Humoral and cellular immunity to paternal antigens in trophoblastic neoplasia.

B. M. Vose and M. Moore: Suppressor cell activity of lymphocytes infiltrating human lung and breast tumours.

M.-L. Lok, H. Koshiba, T. Han, S. Abe, J. Minowada and A. A. Sandberg: Establishment and characterization of human B-lymphocytic lymphoma cell lines (BALM-3, -4 and -5): intracлонаl variation in the B-cell differentiation stage.

D. J. Granlund, F. Nkrumah, I. V. Perkins, R. J. Biggar, P. H. Levine and D. A. Fuccillo: Antibody-dependent cell-mediated cytotoxicity against Epstein-Barr virus membrane antigen in African Burkitt's lymphoma.

P. K. F. Poskitt and T. R. Poskitt: The L1210 assay for immune complexes: application in cancer patients and correlation with disease progress.

C. Desgranges and G. de-Thé: Epstein-Barr virus specific IgA serum antibodies in nasopharyngeal and other respiratory carcinomas.

O. Jänne, A. Kauppila, K. Kontula, P. Syrjäla and R. Vihko: Female sex steroid receptors in normal, hyperplastic and carcinomatous endometrium. The relationship to serum steroid hormones and gonadotropins and changes during medroxyprogesterone acetate administration.

H. Austin, P. Cole and E. Wynder: Breast cancer in black American women.

Experimental Cancer

R. G. Thomas and D. M. Smith: Lung tumors from $\text{PuO}_2\text{-ZrO}_2$ aerosol particles in Syrian hamsters.

J. P. Schaller, L. E. Mathes, E. A. Hoover and R. G. Olsen: Enhancement of feline leukemia virus induced leukemogenesis in cats exposed to methylnitrosourea.

E. A. Clark, P. H. Russel, M. Egghart and M. A. Horton: Characteristics and genetic control of NK cell-mediated cytotoxicity activated by naturally acquired infection in the mouse.

R. R. Hook, Jr., M. D. Aultman, E. H. Adelstein, R. W. Oxenhandler, L. E. Millikan and C. C. Middleton: Influence of selective breeding on the incidence of melanomas in Sinclair miniature swine.

M. D. Aultman and R. R. Hook, Jr.: *In vitro* lymphocyte reactivity to soluble tumor extracts in Sinclair melanoma swine.

K. M. Lam and T. J. Linna: Transfer of natural resistance to Marek's disease (JMV) with non-immune spleen cells. I. Studies of cell population transferring resistance.

- G. L. Bartlett, J. W. Kreider and D. M. Purnell: Active, specific immunotherapy of murine leukemia. I. Irradiated tumor cell vaccine.
- G. L. Bartlett and J. W. Kreider: Active, specific immunotherapy of leukemia. II. Adjuvant effect of *Corynebacterium parvum*.
- C.-C. Ting, D. Rodrigues, R. S. Ting, N. Wivel and M. J. Collins: Suppression of T cell-mediated immunity by tumor cells: immunogenicity versus immunosuppression and preliminary characterization of the suppressive factors.
- P. Q. Patek, J. L. Collins, G. Yogeewaran and G. Dennert: Anti-tumor potential of retinoic acid: stimulation of immune mediated effectors.
- D. Metcalf: Clonal analysis of the action of GM-CSF on the proliferation and differentiation of myelomonocytic leukemic cells.
- O. Alaba, M. J. Rogers and L. W. Law: Rauscher leukemia virus-induced tumor antigens: complete separation from gp 70, p 30 and H-2.
- B. M. Benjers, R. H. Bassin, A. Rein, B. I. Gerwin and G. Duran-Troise: Mechanism of restriction of murine leukemia viruses varies among different strains of Fv-1ⁿ mice.

British Journal of Cancer

November 1979

- J. M. Brown and E. T. Parker: Host treatment affecting artificial pulmonary metastases: interpretation of loss of radioactively-labelled cells from lungs.
- K. James, Y. I. Bassous and J. Merriman: Association of host immunoglobulins with solid tumours *in vivo*.
- S. Pahlman, I. Ljungstedt-Pahlman, A. Sanderson, P. J. Ward, A. Grant and J. Hermon-Taylor: Isolation of plasma-membrane component from cultured human pancreatic cancer cells by immuno-affinity chromatography of anti- β_2 M Sepharose 6MB.
- D. H. Cove, K. L. Woods, S. C. H. Smith, D. Burnett, J. Leonard, R. J. Grieve and A. Howell: Tumour markers in breast cancer.
- G. Palu, R. Powles, P. Selby and B. M. Summersgill: Patterns of maturation in short-term culture of human acute myeloid leukaemic cells.
- G. Palu, P. Selby, R. Powles and P. Alexander: Spontaneous regression of human acute myeloid leukaemia xenografts and phenotypic evidence for maturation.
- G. P. Summerfield, T. J. Gibbs and A. J. Bellingham: Immunotherapy using BCG during remission induction and as the sole form of maintenance in acute myeloid leukaemia.
- P. J. M. Tutton and G. G. Steel: Influence of biogenic amines on the growth of xenografted human colorectal carcinomas.
- J. G. Hall, L. Gyure, J. Peppard and E. Orlans: Levels of adenosine deaminase in some experimental animal tumours, with the possible therapeutic effect of the ADA inhibitor 2-deoxycorformycin.
- T. Lindmo, E. O. Pettersen and E. Wibe: Cell-cycle inhibition by misonidazole of human cells *in vitro* under aerobic conditions.
- B. F. Deys and J. Stap: Influence of the hypoxic cell sensitizer misonidazole on the proliferation of well-oxygenated cells *in vitro* during prolonged exposure.
- P. G. Larsson, F. Hoffner, G. O. Brønstad and T. Christofferson: The anti-tumour agent 5-(dimethyl-1-triazeno) imidazole-4-carboxamine (DTIC) inhibits rat liver cyclic AMP phosphodiesterase and amplifies hormone effects in hepatocytes and hepatoma cells.
- I. K. Crombie: Variation of melanoma incidence with latitude in North America and Europe.
- I. R. Major: Induction of myeloid leukaemia by whole-body single exposure of CBA male mice to X-rays.
- K. Ogawa, A. Medline and E. Farber: Sequential analysis of hepatic carcinogenesis: the comparative architecture of preneoplastic malignant, prenatal, postnatal and regenerating liver.
- M. M. Harson and D. J. Williams: Synthesis and secretion of albumin in rats during treatment with a carcinogenic dose of *N*-2-acetylaminofluorene.

Short Communications

L. J. Kinlen and R. N. Hoover: Lymphomas in renal transplant recipients: a search for clustering.

S. A. Eccles, J. M. Styles, S. M. Hobbs and C. J. Dean: Metastasis in the nude rat associated with lack of immune response.

J. G. Bowen and A. E. Kulatilake: A common marker for cancer cells?

G. P. Margison, N. J. Curtin, K. Snell and A. W. Craig: Effect of chronic *N*, *N*-diethylnitrosamine on the excision of O⁶-ethylguanine from rat liver DNA.

B.A.C.R. Abstracts

Book Reviews

British Journal of Cancer

December 1979

K. Sikora, G. Koch, S. Brenner and E. Lennox: Partial purification of tumour specific transplantation antigens from methylcholanthrene induced murine sarcomas by immobilized lectins.

J. W. Werkmeister, E. Pihl, A. P. P. Nind, G. R. Flannery and R. C. Nairn: Immunoreactivity by intrinsic lymphoid cells in colorectal carcinoma.

J. Lindgren, P. Sipponen, K. Seppälä, S. Tarpila, S. Nordling, T. Wahlström and M. Seppälä: Carcinoembryonic antigen in endoscopic mucosal brush specimens from benign and malignant gastric lesions.

E. Pels and W. den Otter: Natural cytotoxic macrophages in the peritoneal cavity of mice.

D. M. Barnes, L. G. Skinner and G. G. Ribeiro: Triple hormone receptor assay—a more accurate predictive tool for the treatment of advanced breast cancer?

C. W. Welsch, S. E. Dombroske, M. J. McManus and G. Calaf: Effect of human, bovine and ovine prolactin on DNA synthesis by organ cultures of benign human breast tumours.

L. G. Collste, Z. Darzynkiewicz, F. Tragamos, T. K. Sharpless, M. Devonne, M. L. K. Claps, W. F. Whitmore and M. R. Melamed: Cell cycle distribution of urothelial tumour cells as measured by flow cytometry.

C. C. Morris and S. B. Field: The influence of hyperthermia on the oxygen enhancement ratio for X-rays, measured *in vivo*.

D. V. Ash, M. J. Peckham and G. G. Steel: A quantitative study of human tumour responses.

P. J. Kearney, J. H. Baumer and B. C. Howlett: Bone marrow relapse on maintenance chemotherapy in childhood acute lymphoblastic leukaemia.

C. R. Ling, M. A. Foster and J. R. Mallard: Changes in NMR relaxation times of adjacent muscle after implantation of malignant and normal tissue.

M. M. Coombs, T. S. Bhatt and S. Young: Studies on the carcinogenicity of 15,16-dihydro-11-methylcytopental[a]phenanthren-17-one.

S. V. Bhide, N. M. Shivapurker, S. V. Gothoskar and K. J. Ranadive: Carcinogenicity of betal quid ingredients: feeding mice with aqueous extracts and the polyphenol fraction of betal.

S. Atukorala, T. K. Basu, J. W. T. Dickerson, D. Donaldson and A. Sakula: Vitamin A, zinc and lung cancer.

F. Weiland, E. Weiland and M. Mussgay: Growth pattern of tumours in mice induced by murine sarcoma virus-Moloney and by sarcoma virus transformed cells.

Short Communications

E. S. Newlands and K. D. Bagshawe: Activity of high-dose Cis platinum (NCI119875) in combination with vincristine and methotrexate in drug resistant gestational choriocarcinoma. A report of 17 cases.

R. A. Robins, G. R. Flannery and R. W. Baldwin: Tumour derived lymphoid cells are able to prevent tumour growth in Winn assays.

N. Sidell, R. F. Irie and D. L. Morton: Oncofoetal antigen-I (OFA-I): a target for immune cytotoxicity of human cancer.

B. M. Vose, R. Hughes and G. W. Bazill: Failure of leucocyte adherence inhibition assays to discriminate between benign and malignant breast diseases.

Book Reviews