

REFERENCES

- AFFANDI, M.Z., DUN, T., MANTUANO, V., SIDHU, R., LUMPLUGH, C. and TELISINGHE, P.U. (1993). Epidemiology of cervical carcinoma in Brunei Darussalam : Analysis of data on 27,208 women screened with cytologic examinations. *Acta Cytol.*, **37** : 175 - 180.
- ANAGNOSTOPOULOS, I., BERBST, H., NEDOBITEK, G. and STEIN, H. (1989). Demonstration of monoclonal EBV genomes in Hodgkin's disease and Ki-1 positive anaplastic large cell lymphoma by combined Southern blot and *in situ* hybridization. *Blood*, **74** : 810 - 816.
- ANNEGERS, J.F., STROM, H., DECKER, D.G., DOCKERTY, M.B. and O'FALLON, M. (1979). Ovarian cancer: incidence and case-control study. *Cancer*, **43** : 723 - 729.
- ARMSTRONG, B.K. (1979). Diet and hormones in the epidemiology of breast and endometrial cancers. *Nutr. Cancer*, **1** : 90 - 95.
- ARMSTRONG, B. and DOLL, R. (1975). Environmental factors and cancer incidence and mortality in different countries, with special reference to dietary practices. *Int. J. Cancer*, **15** : 615 - 631.
- ARMSTRONG, B.K., MUÑOZ, N. and BOSCH, F.X. (1992). Epidemiology of cancer of the cervix. In *Gynecologic Oncology* Vol. I. Coppleson, M. (eds.), pp 11 - 29. Churchill Livingstone Press, New York.
- AURELIAN, L. (1972). Possible role of herpes virus hominis, type 2, in human cervical cancer. *Fed. Proc.*, **31** : 1651 - 1659.
- AZHAR, T. and LOPEZ, F. (1989). Clinical patterns and treatment complications of 1000 cases of carcinoma of the uterine cervix. *Med. J. Malaysia*, **44** : 104 -110.
- BAKER, C.C., PHELPS, W.C., LINDGREN, V., BRAUN, M.J., BONDA, M.A., and HOWLEY, P.M. (1987). Structural and transcriptional analysis of human papillomavirus type 16 DNA sequences in cervical carcinoma cell lines. *J. Virol.*, **61** : 962-971.
- BAKER, S.J., MARKOWITZ, S., FEARON, E.R., WILLSON, J.K.V. and VOLGESTEIN, B. (1990). Suppression of human colorectal carcinoma cell growth by wild-type p53. *Science*, **249** : 912-915.

BAQUET, C.R., HORM, J.W., GIBBS, T. and GREENWALD, P. (1991). Socioeconomic factors and cancer incidence among blacks and whites. *J. Natl Cancer Inst.*, **83** : 551 - 557.

BARBER, H.R.K. (1993). Ovarian carcinoma: etiology, diagnosis and treatment. Springer-Verlag, Berlin.

BARNHILL, D., HOSKINS, W., HELLER, P., BRZOZOWSKI, P. and PARK, R. (1984). The second-look surgical reassessment for epithelial ovarian carcinoma. *Gynecol. Oncol.*, **19** : 148 - 154.

BARON, J.A. (1984). Smoking and estrogen-related disease. *Am. J. Epidemiol.*, **119** : 9 - 22.

BAST, R.C., JR., KLUG, T.L., ST. JOHN, E., JENISON, E., NILOFF, J.M., LAZARUS, H., BERKOWITZ, R.S., LEAVITT, T., GRIFFITHS, T., PARKER, L., ZURAWSKI, V.R. and KNAPP, R.C. (1983). A radioimmunoassay using a monoclonal antibody to monitor the course of epithelial ovarian cancer. *N. Engl. J. Med.*, **309** : 883 - 887.

BATTAGLIA, F., SCAMBIA, G., BENEDETTI PANICI, P., et al., (1989). Epidermal growth factor receptor expression in gynaecological malignancies. *Gynaecol. Obstet. Invest.*, **27** : 42 - 44.

BAUCKNECHT, T., RUNGE, M., SCHWALL, M. and PFLEIDERER, A. (1988). Occurrence of epidermal growth factor receptors in human adnexal tumours and their prognostic value in advanced ovarian carcinomas. *Gynecol Oncol.*, **29** : 147 - 157.

BAUKNECHT, T., KOHLER, M., JANZ, I. and PFLEIDERER, A. (1989). The occurrence of epidermal growth factor receptors and the characterisation of EGF-like factors in human ovarian, endometrial, cervical and breast cancer. *J. Cancer Res. Clin. Oncol.*, **115** : 193 - 199.

BERAL, V., HANNAFORD, P. and KAY, C. (1988). Oral contraceptive use and malignancies of the genital tract. Results from the Royal College of General Practitioners' Oral Contraception Study. *Lancet*, **ii** : 1331 - 1335.

BJORKHOLM, E. (1984). Blood group distribution in women with ovarian cancer. *Int. J. Epidemiol.*, **13** : 15 - 17.

BLEUL, C., MULLER, M., FRANM, R., HEINRICH, G., KOLDOVSKY, U., MGAYA, H., LUANDE, J., PASLITA, M., TER MEULEN, J., VISCIDI, R. and GISSMAN, L. (1991). Human papillomavirus (HPV) type 18 E6 and E7 antibodies in human sera: Increased anti-E7 prevalence in cervical cancer patients. *J. Clin. Microbiol.*, **29** : 1579 - 1588.

BOLDOUGH, I., ABUBAKAR, S., DENG, C.Z. and ALBRECHT, T. (1991). Transcriptional activation of cellular oncogenes fos, jun, and myb by human cytomegalovirus. *J. Virol.*, **65** : 1568-1571.

BOSTWICK, D.G., TAZELAAR, H.D., BALLON, S.C., HENDRICKSON, M.R. and KEMPSON, R. (1986). Ovarian epithelial tumours of borderline malignancy. A clinical and pathologic study of 109 cases. *Cancer*, **58** : 2052 - 2065.

BOUCHER, F.D., YASUKAW, L.L., BRONZAN, R.N., *et al.*, (1990). A prospective evaluation of primary genital herpes simplex virus type 2 infections acquired during pregnancy. *Pediatr. Infect. Dis.*, **9** : 499 - 504.

BOYD, J.T. & DOLL, R. (1964). A study of the aetiology of carcinoma of the cervix uteri. *Br. J. Cancer*, **18** : 419 - 434.

BRINTON, L. A. (1992). Epidemiology of cervical cancer: an overview. In *The Epidemiology of Human Papillomavirus and Cervical Cancer*. Munoz, N., Bosch, F.X., Shah, K.V. and Meheus, A.(eds.) IARC Scientific Publication, **19** : 3 - 22. IARC, Lyon.

BRINTON, L.A. and FRAUMENI, J.F., Jr. (1986). Epidemiology of uterine cervical cancer. *J. Chron. Dis.*, **39** (12) : 1051 - 1065.

BRINTON, L.A., HAMMAN, R.F., HUGGINS, G.R., LEHMAN, H.F., LEVINE, R.S., MALLIN, K. and FRAUMENI, J.F. (1987). Sexual and reproductive risk factors for invasive squamous cell cervical cancer. *J. Natl. Cancer Inst.*, **79** : 23-30.

BRINTON, L.A., MELTON, L.J., III, MALKASIAN, G.D., JR., BOND, A. and HOOVER, R. (1989). Cancer risk after evaluation for infertility. *Am. J. Epidemiol.*, **129** : 712 - 722.

BRINTON, L.A., REEVES, W.C., BRENES, M.M., HERRERO, R., de BRITTON, R.C., GAITAN, E., TENORIO, F., GARCIA, M. and RAWLS, W.E. (1990). Oral contraceptive use and risk of invasive cervical cancer. *Int. J. Epidemiol.*, **19** : 4 - 11.

BRODY, L.C. and BIESECKER, B.B. (1998). Breast cancer susceptibility genes. BRCA1 and BRCA2. *Medicine (Baltimore)*, **77**(3) : 208 - 226.

BROWN, S., VESSEY, M. and HARRIS, R. (1984). Social class, sexual habits and cancer of the cervix. *Comm. Med.*, **6** : 281 - 286.

BROWN, Z.A., BENEDETTI, J.K., WATTS, H., SELKE, S., BERRY, S., ASHLEY, R.L. and COREY, L. (1994). A comparison between detailed and simple histories in

the diagnosis of genital herpes complicating pregnancy. *Am. J. Obstet. Gynecol.*, **172** : 1299 - 1303.

BURK, R.D., KADISH, A., CALDERIN, S. and ROMNEY, S.L. (1986). Human papillomavirus infection of the cervix detected by cervicovaginal lavage and molecular hybridization: correlation with biopsy results and Papanicolaou smear. *Am. J. Obstet. Gynecol.*, **154** : 982 - 989.

BURKE, T.W., HELLER, P.B., WOODWARD, J.E., DAVIDSON, S.A., HOSKINS, W.J. and PARK, R.C. (1990). Treatment failure in endometrial carcinoma. *Obstet. Gynecol.*, **75** : 96 - 101.

BYERS, T., MARSHALL, J., GRAHAM, S., METTLIN, C. and SWANSON, M. (1983). A case-control study of dietary and non-dietary factors in ovarian cancer. *J. Natl. Cancer Inst.*, **7** : 681 - 686.

CASAGRANDE, J.T., PIKE, M.K., ROSS, R.K., LOUIE, E.W., ROY, W. and HENDERSON, B.E. (1979). "Incessant ovulation" and ovarian cancer. *Lancet*, **2** : 170 - 173.

CHANDLER, S.H., HANDSFIELD, H.H. and MCDOUGALL, J.K. (1987) Isolation of multiple strains of cytomegalovirus from women attending a clinic for sexually transmitted diseases. *J. Infect. Dis.*, **155** : 655 - 660.

CHEN, Y., WU, P.C., LANG, J.H., GE, W.J., HARTGE, P. and BRINTON, L.A. (1992). Risk factors for epithelial ovarian cancer in Beijing, China. *Int. J. Epidemiol.*, **21** : 23 - 29.

CHOI, N.W., SHETTIGARA, P.T., ABU-ZAHED, H.A.H. and MELSON, N.A. (1977). Herpesvirus infection and cervical anaplasia: a sero-epidemiological study. *Int. J. Cancer*, **19** : 167 - 171.

CLARKE-PEARSON, D.L., SOPER, J.T., BERCHUCK, A. and HUNTER, V.J. (1991). In *Comprehensive Textbook of Oncology* Vol I & II. Moossa, A.R., Schimpff, S.C., Robson, M.C. (eds.), pp. 1006 - 1019. Williams & Wilkins, Baltimore.

COLBERG-POLEY, A.M., SANTOMENNA, L.D., BENFIELD, P.A., RUGER R. and TENNEY, D.J. (1991). Interactions between human cytomegalovirus immediate-early genes in transactivation of viral and cellular and viral promoters. In *Progress in Cytomegalovirus Research*, M.P. LANDINI (ed.) pp. 256-262. Elsevier Science, Amsterdam.

CRAMER, D.W., HUTCHINSON, G.B., WELCH, W.R., SCULLY, R.E. and KNAPP, R.C. (1982). Factors affecting the association of oral contraceptives and ovarian cancer. *N Engl. J. Med.*, **307** : 1047 - 1051.

CRAMER, D.W., WELCH, W.R., CASSELLS, S., *et al.*, (1983). Mumps, menarche, menopause and ovarian cancer. *Am. J. Obstet. Gynecol.*, **147** : 1 - 6.

CRAMER, D.W., WELCH, W.R., HUTCHISON, G.B., WILLETT, W. and SCULLY, R.E. (1984). Dietary animal fat in relation to ovarian cancer risk. *Obstet. Gynecol.*, **63** : 833 - 838.

CROSS, H.E., KENNEL, E.E. and LILIENFELD, A.M. (1968). Cancer of the cervix in an Amish population. *Cancer*, **21** : 102 - 108.

CRUM, C.P., MITAO, M., LEVINE, R.U. and SILVERSTEIN, S. (1985). Cervical papillomaviruses segregate within morphologically distinct precancerous lesions. *J. Virol.*, **54** : 675 - 681.

CUZICK, J., DE STAVOLA, B., MCCANCE, D., HO, T.H., TAN, G., CHENG, H., CHEW, S.Y. and SALMON, Y.M. (1989). A case-control study of cervix cancer in Singapore. *Br. J. Cancer*, **60** : 238-43.

CZEGLEDY, J., EVANDER, M., VERES, L., GERGELY, L. and WADELL, G. (1991). Detection of transforming gene regions of human papillomavirus type 16 in cervical dysplasias by the polymerase chain reaction. *Med. Microbiol. Immunol.*, **180** : 37 - 43.

DAVIES, J.L., ROSENSHEIN, N.B., ANTUNES, C.M.F. and STOLLEY, P.D. (1981). A review of the risk factors for endometrial carcinoma. *Obstet. Gynecol. Surv.*, **36** : 107 - 116.

DAY, N.E. and BROWN, C.C. (1980). Multistage models and primary prevention of cancer. *J. Natl. Cancer Inst.*, **64** : 977 - 989.

DEMERS, W.G., HALBERT, C.L. and GALLOWAY, D.A. (1994). Elevated wild-type p53 protein levels in human epithelial cell lines immortalized by the human papillomavirus type 16 E7 gene. *Virology*, **198** : 169-174.

Department of Statistics Malaysia (1985). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1986). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1987). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1988). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1989). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1990). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1991). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1992). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1993). Yearbook of Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1994). Vital Statistics Malaysia, Kuala Lumpur, Malaysia.

Department of Statistics Malaysia (1996). Vital Statistics Malaysia, Kuala Lumpur, Malaysia.

DE SANJOSE, S., MUÑOZ, N., BOSCH, F.X., REIMANN, K., PEDERSEN, N.S., ORFILA, J., ASCUNCE, N., GONZALEZ, L.C., TAFUR, L., GILI, M., LETTE, I., VILADIU, P., TORMO, M.J., MOREO, P., SHAH, K. and WAHREN, B. (1994). Sexually transmitted agents and cervical neoplasia in Colombia and Spain. *Int. J. Cancer*, **56** : 358 - 363.

DEUTSCH, S. and BENJAMIN, F. (1978). Effect of diabetic status on fractionated estrogen levels in postmenopausal women. *Am. J. Obstet. Gynecol.*, **130** : 105 - 106.

DE VILLIERS, E.M. (1989) Heterogeneity of human papillomavirus group. *J. Virol.*, **63** : 4898-4903.

DE VILLIERS, E.M., SCHNEIDER, A., MIKLAU, H., PAPENDICK, U., WAGNER, D., WESCH, H., WAHRENDORF, J. and ZUR HAUSEN, H. (1987). Human papillomavirus infections in women with and without abnormal cervical cytology. *Lancet*, **2** : 703 -706.

DEVESA, S.S. and DIAMOND, E.L. (1980). Association of breast cancer and cervical cancer incidences with income and education among whites and blacks. *J. Natl. Cancer Inst.*, **65** : 515 -528.

DI PAOLO, J.A., WOODWORTH, C.D., POPESCU, N.C., KOVAL, D.L., LOOPEZ, J.V. and DONIGER, J. (1990). HSV-2-induced tumorigenicity in HPV-16-immortalized human genital keratinocytes. *Virology*, **177** : 777-779.

DILLNER, J. (1990) Mapping of linear epitopes of human papillomavirus type 16: the E1, E2, E4, E5, E6, and E7 open reading frames. *Intl. J. Cancer.*, **46** : 703-711.

DILLNER, J. and KALLIN, B. (1987). The Epstein-Barr virus proteins. In *Advances In Cancer Research*. Vol. 50. Klein, G. & Weinhouse, S. (eds.), pp 95 - 191. Academic Press Inc., San Diego.

DILLNER, J., DILLNER, L., ROBB, J., WILLEMS, J., JONES, I., LANCASTER, W., SMITH, R. and LERNER, R. (1989). A synthetic peptide defines a serologic IgA response to a human papillomavirus-encoded nuclear antigen expressed in virus-carrying cervical neoplasia. *Proc. Natl. Acad. Sci. USA.*, **86** : 3838-3841.

DILLNER, J., LENNER, P., LEHTINEN, P., EKLUND, C., HEINO, P., WIKLUNG, F., HALLMANS, G. and STENDAHL, U. (1994). A population-based sero-epidemiological study of cervical cancer. *Cancer Res.*, **54** : 134 - 141.

DOLL, R., PAYNE, P. and WATERHOUSE, J. (1966). *Cancer Incidence in Five Continents. A Technical Report*. Springer-Verlag, Berlin.

DONNAN, S. P. B., WONG, F. W. S., HO, S. C., LAU, E. M. C., TAKASHI, K. and ESTEVEZ, J. (1989). Reproductive and sexual risk factors and human papillomavirus infection in cervical cancer among Hong Kong Chinese. *Intl. J. Epidemiol.*, **18**: 32-36.

DURACK, D.T. (1981). Opportunistic infections and Kaposi's sarcoma in homosexual men. *N. Engl. J. Med.*, **305** : 1465 - 1467.

DURST, M., KLEINHEINZ, A., HOFZ, M. and GISSMAN, L. (1985). The physical state of human papillomaviruses type 16 DNA in benign and malignant genital tumours. *J. Gen. Virol.*, **66** : 1515-1522.

DYSON, N., HOWLEY, P.M., MUNGER, K. and HARLOW, E. (1989). The human papillomavirus 16 E7 oncoprotein is able to bind to the retinoblastoma gene product. *Science*, **243** : 934.

EHRLICH, C.E., EINHORN, L., WILLIAMS, S.D. and MORGAN, J. (1979). Chemotherapy for stage III-IV epithelial ovarian cancer with *cis*-dichlorodiammineplatinum II, Adriamycin, and cyclophosphamide : A preliminary report. *Cancer Treat. Rep.*, **63** : 281.

EHRLICH, C.E., YOUNG, P.C.M., STEHMAN, F.B., SUTTON, G.P. and ALFORD, W.M. (1988). Steroid receptors and clinical outcome in patients with adenocarcinoma of the endometrium. *Am. J. Obstet. Gynecol.*, **158** : 796 - 807.

EIFEL, P., MORRIS, M., OSWALD, M., WHARTON, J. and DELCLOS, L. (1990). Adenocarcinoma of the uterine cervix : Prognosis and patterns of failures of 367 cases treated at the M.D. Anderson Cancer Center between 1965 and 1985. *Cancer*, **65** : 2507 - 2514.

ELIYAHU, D., RAZ, A., GRUSS, P., GIVOL, D. and OREN, M. (1984). Participation of p53 cellular tumour antigen in transformation of normal embryonic cells. *Nature*, **312** : 646-649.

ELWOOD, J.M., COLE, P., ROTHMAN, K.J. and KAPLAN, S.D. (1977). Epidemiology of endometrial cancer. *J. Natl. Cancer Inst.*, **59** : 1055 - 1060.

ENGLE, A., MUSCAT, J.E. and HARRIS, R.E. (1991). Nutritional risk factors and ovarian cancer. *Nutr. Cancer*, **15** : 239 -247.

ENRIORI, C.L. and REFORZO-MEMBRIVES, J. (1984). Peripheral aromatization as a risk factor for breast and endometrial cancer in postmenopausal women: A review. *Gynecol. Oncol.*, **17**: 1-21.

EPSTEIN, M.A. and ACHONG, B.G. (1979). *The Epstein-Barr Virus*. Springer-Verlag, Berlin.

EPSTEIN, M.A., ACHONG, B.G., BARR, Y.M., ZAJAC, B., HENLE, G. and HENLE, W. (1966). Morphological and virological investigations on cultured Burkitt tumour lymphoblasts (strain Raji). *JNCI*, **37** : 547 - 559.

ERNSTER, V.L., BUSCH, T. L., HUGGINS, G. R., HULKA, B.S., KELSEY, J.L. and SCHOTTENFELS, D. (1988). Benefits and risks of menopausal estrogen and/or progestin hormone use. *Prev. Med.*, **17** : 201 - 223.

EVANS, A.S. and GUTENSOHN, M.K. (1984). A population-based case-control study of EBV and other viral antibodies among persons with Hodgkin's disease and their siblings. *Int. J. Cancer*, **34** : 149 - 157.

EWERTZ, M., SCHOU, G. and BOICE, J.D., Jr. (1988). The joint effect of risk factors on endometrial cancer. *Eur. J. Cancer Clin. Oncol.*, **24** : 189 - 194.

FATHALLA, M.F. (1971). Incessant ovulation - a factor in ovarian neoplasia. *Lancet*, **2** : 163.

FILIPOVICH, A.H., SPECTOR, B.D. and KERSEY, J. (1980). Immunodeficiency in humans as a risk factor in the development of malignancy. *Prev. Med.*, **9** : 820.

FOX, H. and SEN, D.K. (1970). A controlled study of the constitutional stigmata of endometrial adenocarcinoma. *Br. J. Cancer*, **24** : 30 - 36.

FRANCESCHI, S., LA VECCHIA, C. and MANGIONI, C. (1982). Familial ovarian cancer: eight more families. *Gynecol. Oncol.*, **13** : 31 - 36.

FRANCESCHI, S., PARAZZINI, F., NEGRI, E., BOOTH, M., LA VECCHIA, C., BERAL, V., TZONOU, A. and TRICHOPOULOS, D. (1991). Pooled analysis of 3 European case-control studies of ovarian cancer. III. Oral contraceptive use. *Int. J. Cancer*, **49** : 61 - 65.

FRANKLIN, E.W. III and RUTLEDGE, F.D. (1972). Epidemiology of epidermoid carcinoma of the vulva. *Obstet Gynecol.*, **39** : 165 - 172.

FRAUMENI, J.F., Jr. LLOYD, J.W., SMITH, E.M. and WAGONER, J.K. (1969). Cancer mortality among nuns : Role of marital status in etiology of neoplastic disease in women. *J. Natl. Cancer Inst.*, **42** : 455 - 468.

FRIEDRICH, E.G., WILKINSON, E.J. and FU, Y.S. (1980). Carcinoma *in situ* of the vulva : a continuing challenge. *Am. J. Obstet Gynecol.*, **136** : 830-843.

GALLION, H.H., POWELL, D.E., SMITH, L.W., MORROW, J.K., MARTIN, A.W., NAGELL, J.R.V. and DONALDSON, E.S. (1990). Chromosome abnormalities in human epithelial ovarian malignancies. *Gynecol. Oncol.*, **38** : 473 - 477.

GANESAN, J., PILLAI, S.S. and GUDUM, H.R. (1991). The spectrum of histologically diagnosed malignant neoplasms in Sabah, 1983 - 1988. *Med. J. Malaysia*, **46** : 116 - 122.

GARDNER, J.W. and LYON, J.L. (1977). Low incidence of cervical cancer in Utah. *Gynecol. Oncol.*, **5** : 68 - 80.

GARNET, J.D. (1958). Constitutional stigmas associated with endometrial carcinoma. *Am. J. Obstet. Gynecol.*, **76** : 11 - 19.

GARRY, R. and JONES, R. (1985). Relationship between cervical condylomata, pregnancy and subclinical papillomavirus infection. *J. Reprod. Med.*, **30** : 393 - 399.

GERSHENSON, D.M. (1993). Epithelial Ovarian Cancer. In *Textbook of Gynaecology*. Copeland, L.J., Jarrell, J.F. and McGregor, J.A. (eds.). W.B. Saunders. Philadelphia.

GOLDSTEIN, S.C., BYRNE, J.C. and RABSON, A.S. (1987). Human cytomegalovirus (HCMV) enhances bovine papillomavirus (BPV) *in vitro*. *J. Med. Virol.*, **23** : 157 - 164.

GRAHAM, J. and GRAHAM, R. (1967). Ovarian cancer and asbestos. *Environ. Res.*, **1** : 115 - 128.

GRAHAM, S. and SCHOTZ, W. (1979). Epidemiology of cancer of the cervix in Buffalo, New York. *J. Natl. Cancer Inst.*, **63** : 23 - 27.

GRAHAM, S., PRIORE, R., GRAHAM, M., BROWNE, R., BURNETT, W. and WEST, D. (1980). Genital cancer in wives of penile cancer patients. *Cancer*, **44** : 1870-1874.

HALL, J.M., LEE, M.K., NEWMAN, B., MORROW, J.E., HENDERSON, L.A., HUEY, B. and KING, M.C. (1990). Linkage of early-onset familial breast cancer to chromosome 17a21-23. *Science*, **250** : 1684 - 1689.

HAMANN, U., BRAUCH, H., GARVIN, A.M., BASTERS, G. and SCOTT, R.J. (1997). German family study on hereditary breast and/or ovarian cancer : germline mutation analysis of BRCA1 gene. *Genes Chrom. Cancer*, **18(2)** : 126 - 132.

HARLOW, B.L. and WEISS, N.S. (1989). A case-control study of borderline ovarian tumours : the influence of perineal exposure to talc. *Am. J. Epidemiol.*, **130** : 390.

HARLOW, B.L., CRAMER, D.W., BELL, D.A. and WELCH, W.R. (1992). Perineal exposure to talc and ovarian cancer risk. *Obstet Gynecol.*, **80** : 19 - 26.

HATCH, K.D., BEECHAM, J.B., BLESSING, J.A. and CREASMAN, W.T. (1991). Responsiveness of patients with advanced ovarian carcinoma to tamoxifen : A Gynecologic Oncology Group study of second-line therapy in 105 patients. *Cancer*, **68** : 269 - 271.

HEGGIE, A.D., WENTZ, W.B., REAGAN, J.W. and ANTHONY, D.D. (1986). Roles of cytomegalovirus and *Chlamydia trachomatis* in the induction of cervical neoplasia in the mouse. *Cancer Res.*, **46** : 5211 - 5214.

HENDERSON, B.E., ROSS, R.K., PIKE, M.C., et al., (1982). Endogenous hormones as a major factor in human cancer. *Cancer Res.*, **42** : 3232 - 3239.

HENDERSON, B.E., PIKE, M.C., ROSS, R.K., MACK, T.M. and LOBO, R.A. (1988). Re-evaluating the role of progestogen therapy after the menopause. *Fertil. Steril. Suppl.*, **49** : 9S - 15S.

HENDY-IBBS, P., COX, H., EVAN, G.I. and WATSON, J.V. (1987). Flow cytometric quantitation of DNA and *c-myc* oncprotein in archival biopsies of uterine cervix neoplasia. *Brit. J. Cancer*, **55** : 275-282.

HENLE, G. and HENLE, W. (1976). Epstein-Barr virus-specific serum antibodies as an outstanding feature of nasopharyngeal carcinoma. *Int. J. Cancer*, **17** : 1 - 7.

HENLE, G. and HENLE, W. (1979). The virus as the etiologic agent of infectious mononucleosis. In *The Epstein-Barr Virus*. Epstein, M.A. & Achong, B.G. (eds.), pp 297 - 320. Springer-Verlag, Berlin.

HENLE, G., HENLE, W. and DIEHL, V. (1968). Relation of Burkitt tumour associated herpes-type virus to infectious mononucleosis. *Proc. Natl. Acad. Sci. USA*, **59** : 94 - 101.

HENLE, W., HENLE, G., HO, H.C., BURTIN, P., CACHIN, Y., CLIFFORD, P., DE SCHRYVER, A., DE THE, G., DIEHL, V. and KLEIN, G. (1970). Antibodies to EB virus in nasopharyngeal carcinoma, other head and neck neoplasms and control groups. *JNCI*, **44** : 225 - 231.

HENLE, W., HO, J.H.C., HENLE, G., CHAU, J.C.W. and KWAN, H.C. (1977). Nasopharyngeal carcinoma : Significance of changes in Epstein-Barr virus-related antibody patterns following therapy. *Int. J. Cancer*, **20** : 663 - 672.

HERRERO, R., BRINTON, L.A., REEVES, W.C., BRENES, M.M., TENORIO, F., DE BRITTON, R.C., GAITAN, E., GARCIA, M. and RAWLS, W.E. (1990). Sexual behavior, venereal diseases, hygiene practice, and invasive cervical cancer in a high-risk population. *Cancer*, **65** : 380-386.

HILDESHEIM, A., MANN, V., BRINTON, L.A., SZKLO, M., REEVES, W.C. and RAWLS, W.E. (1991). Herpes simplex virus type 2: a possible interaction with human papillomavirus types 16/18 in the development of invasive cervical cancer. *Intl. J. Cancer*, **49** : 335-340.

HILDRETH, N.G., KELSEY, J.L., LIVOLSI, V.A., FISCHER, D.B., HOLFORD, T.R., MOSTOW, E.D., SCHWARTZ, P.E. and WHITE, C. (1981). An epidemiologic study of epithelial carcinoma of the ovary. *Am. J. Epidemiol.*, **114** : 398 - 405.

HINDS, P., FINLAY, C. and LEVINE, A. (1989) Mutation is required to activate the p53 gene for cooperation with the ras oncogene and transformation. *J. Virol.*, **63** : 739-746.

HINUMA, Y., KONN, M., YAMAGUCHI, J., WUDARSKI, D.J., BLAKESLEE, J.R. Jr. and GRACE, J.T. Jr. (1967). Immunofluorescence and herpes-type virus particles in the P3HR-1 Burkitt's lymphoma cell line. *J. Virol.*, **1** : 1045 - 1051.

HO, M. (1990). Cytomegalovirus. In *Principles and Practice of Infectious Diseases*. G.L. Mandell, R.G. Douglas, and J. E. Bennet (Eds.) 3rd ed., pp. 1159-1171. Churchill Livingstone, New York.

HOLT, J.A., CAPUTO, T.A., KELLY, K.M., GREENWALD, P. and CHOROST, S. (1979). Estrogen and progestin binding in cytosols of ovarian adenocarcinomas. *Obstet. Gynecol.*, **53** : 50 - 58.

HOLZER, E. (1982). Microinvasive carcinoma of the cervix: Clinical aspects, treatment and follow-up. *Clin. Oncol.*, **1** : 315.

HOULSTON, R.S., BOURNE, T.H., VOLLINS, W.P., WHITEHEAD, M.I., CAMPBELL, S. and SLACK, J. (1993). Risk of ovarian cancer and genetic relationship to other cancers in families. *Hum. Hered.*, **43** : 111 - 115.

HOWES, A.E. and MAUCH, P.M. (1991). In *Comprehensive Textbook of Oncology* Vol I & II. Moossa, A.R., Schimpff, S.C., Robson, M.C. (eds.). Williams & Wilkins, Baltimore.

HULKA, B.S., FOWLER, W.C., Jr., KAUFMAN, D.G., GRIMSON, R.C., GREENBERG, B.G., HOGUE, C. Jr., BERGER, G.S. and PULLIAM, C.C. (1980). Estrogen and endometrial cancer : Cases and two control groups from North Carolina. *Am. J. Obstet. Gynecol.*, **137** : 92 - 101.

IARC *Incidence of Cancer in United States, Australia, Japan, China, Malaysia, Singapore, Indonesia, Thailand and Philippines*. Data extracted from GLOBOCan : International Agency for Research on Cancer, Lyon. Available HTTP: <http://www-dep.iarc.fr/cgi-bin/cgisql/cancer2.idc> [1998, August 9].

IARC monograph on the evaluation of carcinogenic risks to humans. Suppl. 7, *Overall evaluations of carcinogeneity : an updating of IARC monographs*, 1 - 42, pp 296 - 308, IARC, Lyon.

IWASAKA, T., OH-UCHIDA, M., MATSUO, N., YOKOYAMA, M., FUKUDA, K., HARA, K., FUKUYAMA, K., HORI, K. and SUGIMORI, H. (1993) Correlation between HPV positivity and state of the p53 gene in cervical carcinoma cell lines. *Gynecol. Oncol.*, **48** : 104 - 109.

JAFARI, K., JAFAHERI, G. and RUIZ, G. (1978). Endometrial adenocarcinoma and the Stein-Leventhal syndrome. *Obstet Gynecol.*, **51** : 97 - 100.

JAPAZE, H., GARCIA-BUNUEL, R. and WOODRUFF, J.D. (1977). Primary vulvar neoplasia. A review of *in-situ* and invasive carcinoma, 1935-1972. *Obstet. Gynecol.*, **49** : 404 - 411.

JARIWALLA, R.J., RAZZAQUE, A., LAWSON, S. and ROSENTHAL, L.J. (1989). Tumour progression mediated by two cooperating DNA segments of human cytomegalovirus. *J. Virol.*, **63** : 425 - 428.

JENISON, S.A., YU, X.P., VALENTINE, J.M., KOUTSKY, A., CHRISTIANSEN, A.E., BECKMANN, A.M. and GALLOWAY, D.A. (1990). Evidence of prevalent genital-type human papillomavirus infections in adults and children. *J. Infect. Dis.*, **162** : 60 - 69.

JHA, P.K.S., BERAL, V., PETO, J., HACK, S., HERMON, C., DEACON, J., MANT, D., CHILVERS, C., VESSEY, M.P., PIKE, M.C., MULLER, M. and GISSMANN, L. (1993). Antibodies to human papillomavirus and to other genital infectious agents and invasive-cervical-cancer risk. *Lancet*, **341** : 1116 - 1118.

JOCHMUS-KUDIELKA, I., SCHNEIDER, A., BRAUN, R., KIMMIG, R., KOLDVSKY, U., SCHNEWEIS, K.E., SEEDORF, K. and GISSMAN, L. (1989). Antibodies against the human papillomavirus type 16 early proteins in human sera: correlation of anti-E7 reactivity with cervical cancer. *J. Natl. Cancer Inst.*, **81** : 1698-1704.

JOHANSSON, B., KLEIN, G., HENLE, W. and HENLE, G. (1970). Epstein-Barr virus (EBV)-associated antibody patterns in malignant lymphoma and leukemia. I. Hodgkin's disease. *Int. J. Cancer*, **6** : 450 - 462.

JOLLES, B. (1962). Progesterone in the treatment of advanced malignant tumors of breast, ovary and uterus. *Br. J. Cancer*, **16** : 209.

JOLY, D.J., LILIENFELD, A.M., DIAMOND, E.L. and BROSS, I.D.J. (1974). An epidemiologic study of the relationship of reproductive experience to cancer of the ovary. *Am. J. Epidemiol.*, **99** : 190 - 209.

JONES, R.W., PARK, J.S. MCLEAN, M.R. and SHAH, K.V. (1990). Human papillomavirus in women with vulvar intraepithelial neoplasia III. *J. Reprod. Med.*, **35** : 1124-1126.

KATO, I., TOMINAGA, S. and KUROISHI, T. (1987). Relationship between westernization of dietary habits and mortality from breast and ovarian cancers in Japan. *Jpn. J. Cancer Res.*, **78**: 349.

KAUFMAN, D.W., SHAPIRO, S., SLONE, D., ROSENBERG, L., MIETTINEN, O.S., STOLLEY, P.D., KNAPP, R.C., LEAVITT, T. Jr., WATRING, W.G., FOSENSHEIN, N.B., LEWIS, J.L., JR., SCHOTTENFELD, D. and ENGLE, R.L. Jr. (1980). Decreased risk of endometrial cancer among oral-contraceptive users. *N. Engl. J. Med.*, **303** : 1045 - 1047.

KAUFMAN, R.H. and ADAM, E. (1986). Herpes simplex virus and human papilloma virus in the development of cervical cancer. *Clin. Obstet. Gynecol.*, **29** : 678-692.

KAUFMAN, R.H., DRESSMAN, G.R., BUREK, J., KORHONEN, M.O., MATSON, D.O., MELNICK, J.L., POWELL, K.L., PURIFOY, D.J.M., COURTNEY, R.J. and ADAM, E. (1981). Herpesvirus-induced antigens in squamous-cell carcinoma *in situ* of the vulva. *N. Engl. J. Med.*, **305** : 483 - 488.

KAUPPILA, A., VIERIKKO, P., KIVINEN, S., STENBACK, F. and VIHKO, R. (1983). Clinical significance of estrogen and progestin receptors in ovarian cancer. *Obstet. Gynecol.*, **61** : 320 - 326.

KELSEY, J.L., LIVOLSI, V.A., HOLFORD, T.R., FISCHER, D.B., MOSTOW, E.D., SCHWARTZ, P.E., O'CONNOR, T., and WHITE, C.A. (1982). A case-control study of cancer of the endometrium. *Am. J. Epidemiol.*, **116** : 333 - 342.

KESSLER, I.I. (1977). Venereal factors in human cervical cancer. Evidence from marital clusters. *Cancer*, **39** : 1912-1919.

KING, L.A., TASE, T., TWIGGS, B., OKAGAKI, T., SAVAGE, J.E., ADCOCK, L.L., PREM, K.A. and CARSON, L.F. (1989). Prognostic significance of the presence of human papillomavirus DNA in patients with invasive carcinoma of the cervix. *Cancer*, **63** : 897 - 900.

KJAER, S.K., DE VILLIERS, E.M., DAHL, C., ENGHOLM, G., BOCK, J.E., VESTERGAARD, B.F., LYNGE, E. and JENSEN, O.M. (1991). Case-control study of risk factors for cervical neoplasia in Denmark I. : Role of the "male factor" in women with one lifetime sexual partner. *Int. J. Cancer*, **48** : 39 - 44.

KOFFA, M., KOUMANTAKIS, E., ERGAZAKI, M., TSATSANIS, C. and SPANDIDOS, D.A. (1995). Association of herpesvirus infection with the development of genital cancer. *Int. J. Cancer*, **63** : 58 - 62.

KOLONEL, L.N., HANKIN, J.H., LEE, J., CHU, S.T., NOMURA, A.M.Y. and HINDS, M.W. (1981). Nutrient intakes in relation to cancer incidence in Hawaii. *Br. J. Cancer*, **47** : 332 - 339.

KOLSTAD, P. (1989) Follow-up study of 232 patients with Stage Ia 1 and 411 patients with Stage Ia 2 squamous cell carcinoma of the cervix (microinvasive carcinoma). *Gynecol Oncol*, **33** : 265 - 272.

KOUMANTAKI, Y., TZONOU, A., KOUMANTAKIS, E., KAKLAMANI, E., ARAVANTINOS, D. and TRICHOPOULOS, E. (1989). A case-control study of cancer of endometrium in Athens. *Int. J. Cancer*, **43** : 795 - 799.

KOUTSKY, L.A., ASHLEY, R., HOLMES, K.K., STEVENS, C.E., CRITCHLOW, C.W., KIVIAT, N., LIPINSKI, C.M., WOLNER-HANSEN, P. and COREY, L. (1990). The frequency of unrecognized type 2 herpes simplex virus infection among women: implications for the control of genital herpes. *Sex. Transm. Dis.*, **17** : 90 - 94.

KULHANJIAN, J.A., SOROUSH, V., AU, D.B., BRONZAN, R.N., YASYKAWA, L.L., WEYLMAN, L.E., ARVIN, A.M. AND PROBER, C.G. (1992). Identification of women at unsuspected risk of primary infection with herpes simplex virus type 2 during pregnancy. *N. Engl. J. Med.*, **326** : 916 - 920.

KVALE, G., HEUCH, I. and URSIN, G. (1988). Reproductive factors and risk of cancer of the uterine corpus: A prospective study. *Cancer Res.*, **48** : 6217 - 6226.

LA VECCHIA, C., FRANCESCHI, S., GALLUS, G., DECARLI, A., COLOMBO, E., MANGIONI, C. and TOGNONI, G. (1982). Oestrogens and obesity as risk factors for endometrial cancer in Italy. *Int. J. Epidemiol.*, **11** : 120 - 126.

LA VECCHIA, C., DECARLI, A., GENTILE, A., et al., (1984a). Pap smear and the risk of cervical neoplasia : Quantitative estimates from a case-control study. *Lancet*, **2** : 779.

LA VECCHIA, C., FRANCESCHI, S., DECARLI, A., GALLUS, G. and TOGNONI, G. (1984b). Risk factors for endometrial cancer at different ages. *J. Natl. Cancer Inst.*, **73** : 667 - 671.

LA VECCHIA C., DECARLI A., FASOLI M., PARAZZINI, F., FRANCESCHI, S., GENTILE, A. and NEGRI, E. (1988). Dietary vitamin A and risk of intraepithelial and invasive cervical neoplasia. *Gynecol. Oncol.*, **30** : 187 - 95.

LANDERS, R.J., O'LEARY, J.J., CROWLEY, M., HEALY, I., ANNIS, P., BURKE, L., O'BRIEN, D., HOGAN, J., KEALY, W.F., LEWIS, F.A. and DOYLE, C.T. (1993). Epstein-Barr virus in normal, pre-malignant and malignant lesions of the uterine cervix. *J. Clin. Pathol.*, **46** : 931-935.

LANGSTON, A.A. and OSTRANDER, E.A. (1997). Hereditary ovarian cancer. *Curr. Opin. Obstet. Gynecol.*, **9(1)** : 3 - 7.

LEAKE, R.E. and OWENS, O. (1990). The prognostic value of steroid receptors, growth factors and growth factor receptors in ovarian cancer. In *Ovarian Cancer: Biological and therapeutic challenges*. Sharp, F., Mason, W.P. and Leake, R.E. (Eds.), pp. 65 - 75. Chapman and Hall, London.

LEE, H.P., DAY, N.E. and SHANMUGARATNAM. (1988). Trends in cancer incidence in Singapore 1968 - 1982. *IARC Scientific Publication No. 91*, IARC, Lyon.

LEE, J.H., KAVANAGH, J.J., WHARTON, J.T., WILDRICK, D.M. and BLICK, M. (1989). Allele loss at the c-Ha-ras1 locus in human ovarian cancer. *Cancer Res.*, **49** : 1220 - 1222.

LEHN, H., KRIEG, P. and SAUER, G. (1985). Papillomavirus genomes in human cervical tumours: analysis of their transcriptional activity. *Proc. Natl. Acad. Sci. USA*, **82** : 5540 - 5544.

LEHTINEN, M., HAKAMA, M., AARAN, R.-K., AROMAA, A., KNEKT, P., LEINIKKI, P., MAATELA, J., PETO, R. and TEPPO, L. (1992). Herpes-simplex-virus-type-2 infection and cervical cancer: a prospective study of 12 years of follow-up in Finland. *Cancer Causes Control*, **3** : 333-338.

LENEHEN, P.M., MEFFE, F. and LICKRISH, G.M. (1986). Vaginal intraepithelial neoplasia: biologic aspects and management. *Obstet. Gynecol.*, **64** : 451-458.

LEWENSOHN-FUCHS, I., WESTER, D., BISTOLETTI, P., ELFGREN, K., OHLMAN, S., DILLNER, J. and DALIANIS, T. (1993). Serological responses to human papillomavirus type 16 in women before and after renal transplantation. *J. Med. Virol.*, **40** : 188 - 192.

LEWIS, T.L.T. and CHAMBERLAIN, G.V.P. (1990). *Gynaecology by ten teachers*. ELBS/Arnold, London.

LI, J., LI, F.P., BLOT, W.J., MILLER, R.W. and FRAUMENI, J.F., Jr. (1982). Correlation between cancers of the uterine cervix and penis in China. *J. Natl. Cancer Inst.*, **69** : 1063 - 1065.

LIAO, B.S., TWIGGS, L.B., LEUNG, B.S., YU, W.C.Y., POTISH, R.A. and PREM, K.A. (1986). Cytoplasmic estrogen and progesterone receptors as prognostic parameters in primary endometrial carcinoma. *Obstet. Gynecol.*, **67** : 463 - 467.

LIBER, A.F. (1950). Ovarian cancer in a mother and five daughters. *Arch. Pathol.*, **49** : 280 - 290.

LIM-TAN S. K., YOSHIKAWA, H., SNG I. T. and DE VILLIERS E. M. (1988). Human papillomavirus in dysplasia and carcinoma of the cervix in Singapore. *Pathology*, **20** : 317 - 319.

LLEWELLYN-JONES, D. (1986). *Fundamentals of Obstetrics and Gynecology Vol II : Gynecology*. English Language Books Society and Faber and Faber Ltd.

LORINTZ, A.T., TEMPLE, G.F., PATTERSON, J.A., JENSON, A.B., KURMAN, R.J. and LANCASTER, W.D. (1986). Correlation of cellular atypia and human papillomavirus deoxyribonucleic acid sequences in exfoliated cells of the uterine cervix. *Obstet. Gynecol.*, **68** : 508 - 512.

LYNCH, H.T., CONWAY, T. and LYNCH, J. (1990). Hereditary ovarian cancer. In *Ovarian Cancer : Biological and Therapeutic Challenges*. Sharp, F., Mason, W.P., Leake, R.E., (eds), pp 7 - 20. Cambridge, Chapman and Hall. 1990.

MACK, T.M. (1977). Cancer Surveillance Program in Los Angeles County. *Natl. Ca. Inst. Monogr.*, **47** : 99.

MACK, T.M., COZEN, W. and QUINN, M.A. (1992). Epidemiology of cancer of the endometrium, ovary, vulva and vagina.. In *Gynecologic Oncology* Vol. I. Coppleson, M. (ed.), pp 31 - 54. Churchill Livingstone Press, New York.

MACMAHON, B., TRICHOPOULOS, D., COLE, P. and BROWN, J. (1982). Cigarette smoking and urinary estrogens. *N. Engl. J. Med.*, **307** : 1062 - 1065.

MACNAB, J.C.M. (1987). Herpes simplex and human cytomegalovirus: Their role in morphological transformation and genital cancers. *J. Gen. Virol.*, **68** : 2525 - 2550.

MANN, V.M., DE LAO, S., BRENES, M., BRINTON, L.A., RAWLS, J.A., GREEN, M., REEVES, W.C. and RAWLS, W.E. (1990). Occurrence of IgA and IgG antibodies to select peptides representing human papillomavirus type 16 among cervical cancer cases and controls. *Cancer Res.*, **50** : 7815 - 7819.

MARSHALL, C.J. (1991). Tumor suppressor genes. *Cell*, **64** : 313 - 326.

MARSHALL, J.R., GRAHAM, S., BYERS, T., SWANSON, M. and BRASURE, J. (1983). Diet and smoking in the epidemiology of cancer of the cervix. *J. Natl. Cancer Inst.*, **17** : 847 - 851.

MATSUKURA, T., KANDA, T., FURUNO, A., YOSHIKAWA, H., KAWANA, T. and YOSHIKE, K. (1986). Cloning of monomeric human papillomaviruses type 16 DNA integrated within cell DNA from a cervical carcinoma. *J. Virol.*, **58** : 979 - 982.

MCGOWAN, L., PARENT, L., LEDNAR, W. and NORRIS, H.J. (1979). The women at risk for developing ovarian cancer. *Gynecol. Oncol.*, **7** : 325 - 344.

MEISELS, A. (1992). Cytologic diagnosis of human papillomavirus: Influence of age and pregnancy stage. *Acta Cytol.*, **36** : 480 - 482.

METTLIN, C.J. and PIVER, M.S. (1990). A case-control study of milk-drinking and ovarian cancer risk. *Amer. J. Epidemiol.*, **132** : 871 - 876.

MORI, M., KIYOSAWA, H. and HIROTSUGU, M. (1984). Case-control study of ovarian cancer in Japan. *Cancer*, **53** : 2746- 2752.

MORLEY, G.W. (1992). In *Gynaecologic Oncology*. Knapp, R.C. and Berkowitz, R.S. (Eds.). McGraw-Hill, New York.

MORRIS, M. and BURKE, T.W. (1993). In *Textbook of Gynaecology*. Copeland, L.J., Jarrell, J.F. and McGregor, J.A. (eds.). W.B. Saunders, Philadelphia.

MORROW, C.P. and TOWNSEND, D.E. (1987). *Synopsis of Gynecologic Oncology*. Churchill Livingstone, New York.

MORROW, C.P., BUNDY, B.N., HOMESLEY, H.D., CREASMAN, W.T., HORNBACH, N.B., KURMAN, R. and THIGPEN, J.T. (1990). Doxorubicin as an adjuvant following surgery and radiation therapy in patients with high-risk endometrial carcinoma, stage I and occult stage II: A gynecologic oncology group study. *Gynecol. Oncol.*, **36** : 166 - 171.

MUELLER, N., EVANS, A., HARRIS, N.L., COMSTOCK, G.W., JELLUM, E., MAGNUS, K., ORENTREICH, B., POLK, B.F. and VOGELMAN, J. (1989). Hodgkin's disease and Epstein-Barr virus: altered antibody pattern before diagnosis. *New Engl. J. Med.*, **320** : 689 - 695.

MUNGER, K., PHELPS, W.C., BUBB, V., HOWLEY, P.M. and SCHELGEL, R. (1989). The E6 and E7 genes of the human papillomaviruses type 16 together are necessary and sufficient for transformation of primary human keratinocytes. *J. Virol.*, **63** : 4417-4421.

MUNOZ, N. (1978) Viruses and carcinogenesis of the uterine cervix. In *Le Neoplasie dell'Apparato Genitale Femminile*. Veronesi, U., Perussia, A., Di Re, F. and Emanuelli, H. (eds.), pp 83-87. Casa Editrice Ambrosiana, Milan.

MUNOZ, N., DAVIDSON, R.J.L., WITTHOFF, B., ERICSSON, J.E. and DE THE, G. (1978). Infectious mononucleosis and Hodgkin's disease. *Int. J. Cancer*, **22**: 10 - 13.

MUNOZ, N. and BOSCH, F.X. (1989). Epidemiology of cervical cancer. In *Human papillomavirus and cervical cancer*. Munoz, N., Bosch, F.X. & Jensen, O.M. (eds.). pp 9 - 39. Publication No. 94. International Agency for Research on Cancer, Lyon.

MUIR, C., WATERHOUSE, J., MACK, T., POWELL, J. and WHELAN, S. (eds.) (1987). *Cancer Incidence in Five Continents* Volume V. IARC Scientific Publications No.88. International Agency for Research in Cancer, Lyon.

NAIB, Z., NAHMIAS, A.J., JOSEY, W.D. and KRAMER, J.H. (1969). Genital herpetic infection : association with cervical dysplasia and carcinoma *Cancer*, **23** : 940 - 945.

NAHMIAS, A. and DOWDLE, W. (1968). Antigenic and biologic differences in *Herpesvirus hominis*. *Progr. Med. Virol. (Karger, Basel)*, **10** : 110 - 159.

NAHMIAS, A.J., LEE, F.K., BEFKMAN-NAHMIAS, S., *et al.*, (1990). Sero-epidemiological and -sociological patterns of herpes simplex virus infection in the world. *Scand. J. Infect. Dis Suppl.*, **69** : 19 - 36.

NEGRI, E., FRANCESCHI, S., TZONOU, A., BOOTH, M., LA VECCHIA, C., PARAZZINI, F., BERAL, V., BOYLE, P. and TRICHOPOULOS, D. (1991). Pooled analysis of 3 European case-control studies of ovarian cancer. I. Reproductive factors and risk of epithelial ovarian cancer. *Int. J. Cancer*, **49** : 50 - 56.

NELSON, J.A., FLECKENSTEIN, B., JAHN, G., GALLOWAY, D. and MCDougall, J.M. (1984). Structure of the transforming region of human cytomegalovirus strain AD169. *J. Virol.*, **49** : 109 - 115.

NEWHOUSE, M.L. (1979). Cosmetic and ovarian cancer. *Lancet*, **1** : 528.

NEWHOUSE, M.L., PEARSON, R.M., FULLERTON, J.M., BOESEN, E.A. and SHANNON, H.S. (1977). A case-control study of carcinoma of the ovary. *Br. J. Prev. Soc. Med.*, **31** : 148 - 153.

NORHANOM A.W. and YADAV, M.(1995). Prevalence of cancer in Malaysia. Special issue on Nasopharyngeal Carcinoma. *J. Mal. Soc. Health*, **13** : 1 - 13.

NORHANOM, A.W., YADAV, M. and SINGARAM, S.P. (1987). Antibodies to Epstein-Barr virus antigens in relation to early diagnosis of nasopharyngeal carcinoma in Malaysia. *Trop. Biomedicine*, **4** : 25 - 31.

NURHAYATI, Z.A. (1996). *Immunology and Molecular Epidemiology of Human Papillomavirus in Cervical Carcinoma*. Ph.D. Thesis, University of Malaya.

OSBORNE, R.H. and DIGEORGE, F.V. (1963). The ABO blood groups in neoplastic disease of the ovary. *Am. J. Hum. Genet.*, **15**: 380.

PARADA, L.F., LAND, H., WEINBERG, R.A., WOLF, D. and ROTTER, W. (1984) Cooperation between gene encoding p53 tumour antigen and ras in cellular transformation. *Nature*, **312** : 649-651.

PARAZZINI, F., LA VECCHIA, C., NEGRI, E., CECHETTI, G. and FEDELE, L. (1989). Reproductive factors and the risk of invasive and intraepithelial cervical neoplasia. *Br. J. Cancer*, **59** : 805 - 809.

PARAZZINI, F., LA VECCHIA, C., BOCCIOLONE, L. and FRANCESCHI, S. (1991). Review : The Epidemiology of Endometrial Cancer. *Gynecol. Oncol.*, **41**: 1-16.

PARKIN, D.M., LAARA, E. and MUIR, C.S. (1988). Estimates of the worldwide frequency of sixteen major cancers in 1980. *Int J. Cancer* , **41**: 184 - 197.

PARKIN D. M., MUIR, C. S., WHELAN, S. L., GAO, Y.T., FERLARY, J. and POWELL J. (1992). *Cancer Incidence in Five Continents*. Vol. VI. IARC Scientific Publication No. **120**. International Agency for Research on Cancer, Lyon.

PATER, M.M. and PATER, A. (1985). Human papillomavirus type 16 and 18 sequences in carcinoma cell lines of the cervix. *Virology*, **145** : 313 - 318.

PEEL, K.R. (1995). In *Dewhurst's Textbook of Obstetrics and Gynaecology for Postgraduates*. Charles R. Whitfield (ed.). Blackwell Science Ltd., London.

PEJOVIC, T., HEIM, S., MANDAHI, N., BALDETORP, B., ELMFORS, B., FLODERUS, U.-M., FURGYIK, S., HELM, G., HIMMELMANN, M., WILLIEN, H. and MITELMAN, F. (1992). Chromosome aberrations in 35 primary ovarian carcinomas. *Genes Chromosomes Cancer*, **4** : 58 - 66.

PENANG CANCER REGISTRY (1996). *1994 Statistical Report*. Penang State Health Department, Malaysia.

PENG, H.Q., LIU, S.L., MANN, V., ROHAN, T. and RAWLS, W.(1991). Human papillomavirus types 16 and 33 herpes simplex virus type 2 and other risk factors for cervical cancer in Sichuan Province, China. *Int. J. Cancer*, **47**: 711 - 716.

PERSSON, I., ADAMI, H.O., BERGKVIST, L., LINDGREN, A., PETTERSSON, B., HOOVER, R. and SCHAIRER, C. (1989). Risk of endometrial cancer after treatment with oestrogens alone or in conjunction with progestogens: Results of a prospective study. *Br. Med. J.*, **298** : 147 - 151.

PETERS, R.K., BEAR, M.B. and THOMAS, D. (1989). Barriers to screening for cancer of the cervix. *Prev. Med.*, **18** : 133 - 146.

- PETERSON, E. (1968). Endometrial carcinoma in young women. *Obstet. Gynecol.*, **31** : 702 - 707.
- PFISTER, H. (1987) Human papillomavirus and genital cancer. *Adv. Cancer Res.*, **48** : 113-147.
- PHELPS, W.C., YEE, C., MUNGER, K. and HOWLEY, P.M. (1988). The human papillomavirus type 16 E7 gene encodes transactivation and transformation functions similar to those of adenovirus E1A. *Cell*, **53** : 539 - 547.
- PIVER, M.S., METTLIN, C.J., T, Y., TSUKADA, Y., NASCA, P. GREENWALD, P. and MCPHEE, M.E. (1984). Familial ovarian cancer registry. *Obstet. Gynecol.*, **64** : 195 - 199.
- POLEDNAK, A.P. (1993). Estimating cervical cancer incidence in the Hispanic Population of Connecticut by use of surnames. *Cancer*, **71** : 3560 - 3564.
- PONTA, H., KENNEDY, N., SCROCH, P., HYNES, H. and GRONER, B. (1985). The hormonal response region in the mouse mammary tumour virus long terminal repeat can be dissociated from the proviral promoter and has enhancer properties. *Proc. Nat. Acad. Sci. (Wash.)*, **82** : 1020 - 1024.
- PRENTICE, R.L. and THOMAS, D.B. (1987). On the epidemiology of oral contraceptives and disease. *Adv. Cancer Res.*, **49** : 285 - 401.
- PULVERTAFT, R.J.V. (1965). A study of malignant tumours in Nigeria by short-term tissue culture. *J. Clin. Pathol.*, **18** : 261 - 273.
- PURTILLO, P.T., HALLGREN, H.M. and YUNIS, E.N. (1972). Depressed maternal lymphocyte response to phytohaemagglutinin in human pregnancy. *Lancet*, **1** : 769 - 771.
- RANDO, R., LINDHEIM, S., HASTY, L., SEDLACEK, T., WOODLAND, M. and EDER, C. (1989). Increased frequency of detection of human papillomavirus deoxyribonucleic acid in exfoliated cervical cells during pregnancy. *Am. J. Obstet. Gynecol.*, **161** : 50 - 55.
- RAZZAQUE, A., ZHU, F. and JONES, C. (1991). Functional analysis of human cytomegalovirus morphological transforming region II (mtrII). *Virology*, **181** : 399-402.
- REEVES, W.C., RAWLS, J.A., GREEN, M. and RAWLS, W.E. (1990). Antibodies to human papillomavirus type 16 in patients with cervical cancer. *Lancet*, **1** : 551 - 552.

RICKINSON, A.B., FINERTY, S. and EPSTEIN, M.A. (1977). Comparative studies on adult donor lymphocyte infected by EBV *in vitro* or *in vivo*: origin of transformed cells arising in co-cultures with foetal lymphocytes. *Int. J. Cancer*, **19** : 775 - 782.

RIDLEY, C.M. (1988). *The Vulva*. Churchill Livingstone, London.

RIOU, G. BARROIS, M., TORDJMAN, I., DUTRONQUAY, V. and ORTH, G. (1984). Presence de genomes de papillomavirus et amplification des oncogenes *c-myc* et *c-Ha-ras* dans des cancers envahissants du col de l'utérus. *C.r. Acad. Sci. Paris*, **299** : 575-580.

ROBINSON, J. (1982). Cancer of the cervix. : Occupational risks of husbands and wives and possible preventive strategies. In *Pre-clinical Neoplasia of the Cervix*. Jordan, J.A., Sharp, F. & Singer, A. (eds.), pp. 11 - 27, Royal College of Obstetricians and Gynaecologists, London.

ROSDAHL, N., LARSEN, S.O. and CLEMMESSEN, J. (1974). Hodgkin's disease in patients with previous infectious mononucleosis: 30 years' experience. *Brit. Med. J.*, **2** : 253 - 256.

ROSENBERG, L., SHAPIRO, S., SLONE, D., KAUFMAN, D., HELMRICH, S., MIETTINEN, O., STOLLEY, P., ROSENSHEIN, N., SCHOTTENFELD, D. and ENGLE, T. (1982). Epithelial ovarian cancer and combination oral contraceptives. *JAMA*, **247** : 3210 - 3212.

ROSENBLATT, K.A., THOMAS, D.B. and NOONAN, E.A. (1992). High-dose and low-dose combined oral contraceptives : protection against epithelial ovarian cancer and the length of the protective period. The WHO Collaborative Study of Neoplasia and Steroid Contraceptives. *Eur. J. Can.*, **28A** (11): 1872.

ROSS, L. (1966). Incidental finding of cytomegalovirus inclusions in cervical glands. *Am. J. Obstet. Gynecol.*, **95** : 956-958.

ROTKIN, I. D. (1967). Adolescent coitus and cervical cancer: associations of related events with increased risk. *Cancer Res.*, **27** : 603 - 617.

RUBIN, G.L., PETERSON, H.B., LEE, N.C., MAES, E.F., WINGO, P.A. and BECKER, S. (1990). Estrogen replacement therapy and the risk of endometrial cancer : Remaining controversies. *Am. J. Obstet. Gynecol.*, **162** : 148 - 154.

RUSSELL, P. and MERKUR, H. (1979). Proliferating ovarian 'epithelial' tumours : a clinicopathological analysis of 144 cases. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, **19** : 45 - 51.

SCHEFFNER, M., WERNESS, B.A., HUIBREGTSE, J.M., LEVINE, A.J. and HOWLEY, P.M. (1990). The E6 oncoprotein encoded by human papillomavirus types 16 and 18 promotes the degradation of p53. *Cell*, **63** : 1129-1136.

SCHMAUZ, R., OKONG, P., DE VILLIERS, E. M., DENNIS, R., BRADE, L., LWANGA, S.K. and OWOR, R. (1989). Multiple infections in cases of cervical cancer from a high-incidence area in tropical Africa. *Int. J. Cancer*, **43** : 805-809.

SCHNEIDER, A. (1987) Methods of identification of human papillomaviruses. In *Papillomaviruses and human disease*. K. Syrjanen, L. Gissmann, and L.G. Koss (Eds.), pp. 19-39. Springer-Verlag, Berlin.

SCHNEIDER, V., KAY, S. and LEE, H.M. (1983). Immunosuppression as a high risk factor in the development of condyloma accuminatum and squamous neoplasia of the cervix. *Acta Cytol.*, **27** : 220 - 224.

SCHNEIDER, A., HOTZ, M. and GISSMANN, L. (1987). Increased prevalence of human papillomaviruses in the lower genital tract of pregnant women. *Int. J. Cancer*, **40** : 198 - 201.

SCHWARTZ, E., FREESE , U.K., GISSMANN, L., MAYER, W., ROGGENBUCK, B., STREAMLAU, A. and ZUR HAUSEN, H. (1985). Structure and transcription of human papillomavirus sequences in cervical carcinoma cells. *Nature*, **314** : 111-114.

SEEDORF, K., OLTERDORF, T., KRAMMER, G. and ROWEKAMP, W. (1987). Identification of early proteins of the human papillomaviruses type 16 (HPV 16) and type 18 (HPV 18) in cervical carcinoma cells. *EMBO J.*, **6** : 139 - 144.

SE THOE, S.Y., WONG, K.K., PATHMANATHAN, R., SAM, K., CHENG, H.M. and PRASAD, U. (1993). Elevated secretory IgA antibodies to Epstein-Barr virus (EBV) and the presence of EBV DNA and EBV receptors in patients with cervical carcinoma. *Gynecol. Oncol.*, **50** : 168 - 172.

SHEN, C.Y., HO, M.S., CHANG,S.F., YEN, M.S., NG, H.T., HUANG, E.S. and WU, C.W. (1993). High rate of concurrent genital infections with human cytomegalovirus and human papillomaviruses in cervical cancer patients. *J. Infect. Dis.*, **168** : 449 - 452.

SHU, X.O., GAO, Y.T., YUAN, J.M. ZIEGLER, R.G. and BRINTON, L.A. (1989). Dietary factors and epithelial ovarian cancer. *Amer. J. Epidemiol.*, **130** : 497 - 502.

SIITERI,P.K. (1978). Steroid hormones and endometrial cancer. *Cancer Res.*, **38** : 4360 - 4366.

SINGH, P., ILANCHERAN, A., RATNAM, S.S., LIM-TAN, S.K. and O'REILLY, A.P. (1989). Cervical adenocarcinoma in women with nasopharyngeal carcinoma. *Cancer*, **64** : 1152 - 1155.

SIXBEY, J.W., LEMON, S.M. and PAGANO, J.S. (1986). A second site for Epstein-Barr virus shedding, the uterine cervix. *Lancet*, **11** : 1122 - 1124.

SKARE, J., FARLEY, J., STROMINGER, J.L., FRESEN, K.O., CHO, M.S. and ZUR HAUSEN, H. (1985). Transformation by Epstein-Barr virus requires DNA sequences in the region of *Bam*H I fragments Y and H. *J. Virol.*, **55** : 286 - 297.

SLAMON, D.J., GODOLPHIN, W., JONES, L.A., HOLT, J.A., WONG, S.G., KEITH, D.E., LEVIN, W.J., STUART, S.G., UDOVE, J., ULLRICH, A. and PRESS, M.F. (1989). Studies of HER-2/neu proto-oncogene in human breast and ovarian cancer. *Science* (Wash. DC.), **244** : 707 - 719.

SLATTERY, M., SCHUMAN, K., WEST, D.S., FRENCH, T.K. and ROBISON, L.M. (1989). Nutrient intake and ovarian cancer. *Amer. J. Epidemiol.*, **130** : 497 - 502.

SLATTERY, M. L., ABBOTT, T. M., OVERALL, J. C. JR., ROBINSON, J.M., FRENCH, T.K., JOLLES, C., GARDNER, J.W. and WEST, D.W. (1990). Dietary vitamins A, C, and E and selenium as risk factors for cervical cancer. *Epidemiology*, **1** : 8 - 15.

SMITH, P.G., KINLEN, L.J., WHITE, G.C., ADELSTEIN, A.M. and FOX, A.J. (1980). Mortality of wives of men dying with cancer of the penis. *Br. J. Cancer*, **41** : 422 - 428.

SMOTKIN, D. and WETTSTEIN, F.O. (1986). Transcription of human papillomavirus type 16 early genes in cervical cancer and a cervical cancer derived cell line and identification of the E7 protein. *Proc. Natl. Acad. Sci. USA*, **83** : 4680 - 4684.

STRINGER, C.A., GERSHENSON, D.M., BURKE, T.W., EDWARDS, C.L., GORDON, A.N. and WHARTON, J.T. (1990). Adjuvant chemotherapy with cisplatin, doxorubicin, and cyclophosphamide (PAC) for early stage high risk endometrial cancer: A preliminary analysis. *Gynecol Oncol.*, **38** : 305 - 308.

SUCÁHNKOVÁ, A., RITTEROVÁ, L., KRCMÁR, M., KRCHNÁK, V., VÁGNER, J., JOCHMUS, I., GISSMANN, L., KANKA, J. and VONKA, V. (1991). Comparison of ELISA and Western blotting for human papillomavirus type 16 E7 antibody determination. *Journal of General Virology*, **72** : 2577 - 2581.

SUTTON, G.P., SENIOR, M.B., STRAUSS, J.F. and MIKUTA, J.J. (1985). Estrogen and progesterone receptors in epithelial ovarian malignancies. *Gynecol. Oncol.*, **23** : 176 - 182.

THANALETCHUMY, N. and THANGAM, R. (1988). A review of malignancies at the pathology department, General Hospital, Kuala Lumpur (1981 - 1985). *Malaysian J. Pathol.*, **10** : 51 - 60.

THOMPSON, C.H., ROSE, B.R. and ELLIOTT, P.M. (1994). Cytomegalovirus and cervical cancer: Failure to detect a direct association or an interaction with human papillomaviruses. *Gynecol. Oncol.*, **54** : 40 - 46.

TOMATIS, L., AITIO, A., DAY, N.E., HESELTINE, E., KALDOR, J., MILLER, A.B., PARKIN, D.M. and RIBOLI, E. (1990). *Cancer : causes, occurrence and control*. IARC Scientific Publication 100, pp 352, IARC, Lyon.

TSAO, S.W., MOK, C., KYOTAKA, O., MUTO, M., GOODMAN, H.M., SHEETS, E.E., BERKOWITZ, R.S., KNAPP, R.C. AND LAU, C.C. (1991). Involvement of p53 gene in the allelic detection of chromosome 17p in human ovarian tumours. *Anticancer Res.*, **11** : 1975 - 1988.

TYLER, C.W., WEBSTER, L.A., ORY, H.W. and RUBIN, G.L. (1985). Endometrial cancer: How does cigarette smoking influence the risk of women under age 55 years having this tumor? *Am. J. Obstet. Gynecol.*, **151** : 899 - 905.

TZONOU, A., HSIEH, C., POLYCHRONOPOULOU, A., KAPRINIS, G., TOUPADAKI, N., TRICHOPOULOU, A., KARAKATSANI, A. and TRICHOPOULOS, D. (1993). Diet and ovarian cancer: A case-control study in Greece. *Int. J. Cancer*, **55** : 411 - 414.

VAN'T VEER, L.J., HERMENS, T., VANDERGHERG-BAKKER, *et al.*, (1988). Ras oncogene activation in human ovarian cancer. *Oncogene*, **2** : 157.

VERREAULT, R., CHU, J., MANDELSON, M. and SHY, K. (1989). A case-control study of diet and invasive cervical cancer. *Intl. J. Cancer*, **43** : 1050 - 1054.

VOUSDEN, K. (1993). Interactions of human papillomavirus-transforming proteins with the products of tumor-suppressor genes. *FASEB J.*, **7** : 872-879.

WAHI, P.N., LUTHRA, U.K., MALI, S. and SHIMKIN, M.B. (1972). Prevalence and distribution of cancer of the uterine cervix in Agra. *Cancer*, **30** : 720 - 725.

WALKER, J., BLOSS, J.D., LIAO, S.Y., BERMAN, M., BERGEN, S. and WILCYNISKI, S.P. (1989). Human papillomavirus genotype as a prognostic indicator in carcinoma of the uterine cervix. *Obstet. Gynecol.*, **74** : 781 - 785.

- WANG, D., LIEBOWITZ, D. and KIEFF, E. (1985). An EBV membrane protein expressed in immortalized lymphocytes transforms established rodent cells. *Cell*, **43** : 831 - 840.
- WANG, F., PETTI, L., BRAUN, D., SEUNG, S. and KIEFFE, E. (1987). A bicistronic Epstein-Barr virus mRNA encodes two nuclear proteins in latently infected, growth-transformed lymphocytes. *J. Virol.*, **61** : 945 - 954.
- WEBB, M. and SYMMONDS, R. (1979). Wertheim hysterectomy: A reappraisal. *Obstet Gynecol.*, **54** : 140 - 145.
- WEISS, L.M., MOVAHED, L.A., WARNKE, R.A. and SKLAR, J. (1989). Detection of Epstein-Barr viral genomes in Reed-Sternberg cells of Hodgkin's disease. *N. Engl. J. Med.*, **320** : 502 - 506.
- WEISS, N.S., LYON, J.L., LIFF, J.M., VOLMER, W.M. and DALING, J.R. (1981). Incidence of ovarian cancer in relation to the use of oral contraceptives. *Int. J. Cancer*, **28** : 669 - 671.
- WEITZEL, J.N., PATEL, J., SMITH, D.M., GOODMAN, A., SAFAII, H. and BALL, H.G. (1994). Molecular genetic changes associated with ovarian cancer. *Gynecol. Oncol.*, **55** : 245 - 252.
- WERTHEIM, E. (1907). The radical abdominal operation in carcinoma of the cervix uteri. *Surg. Gynecol. Obstet.*, **4** : 1
- WEST, R.O. (1966). Epidemiologic study of malignancies of the ovaries. *Cancer*, **19** : 1001 - 1007.
- WHITLEY, R.J., COREY, L., ARVIN, A., LAKEMAN, F.D., SUMAYA, C.V., WRIGHT, P.F., DUNKLE, L.M., STEELE, R.W., SOONG, S-J., NAHMIAS, A., ALFORD, C.A., POWELL, D.A., SAN JOAQUIN, V. AND THE NIAID COLLABORATION ANTIVIRAL STUDY GROUP (1988). Changing presentation of herpes simplex virus infection in neonates. *J. Infect Dis.*, **158** : 109 - 116.
- WHITLEY, R., ARVIN, A., PROBER, C., BURCHETT, S., COREY, L., POWELL, D., PLOTKIN, S., STARR, S., ALFORD, C., CONNOR, J., JACOBS, R., NAHMIAS, A.; SOONG, S-J. and THE NIAID COLLABORATION ANTIVIRAL STUDY GROUP (1991). A controlled trial comparing vidarabine with acyclovir in neonatal herpes simplex virus infection. *N. Engl. J. Med.*, **324** : 444 - 449.
- WHITTEMORE, A.S., WU, M.L., PAFFENBARGER, R.S., et al., (1988). Personal and environmental characteristics related to epithelial ovarian cancer II. Exposures to talcum powder, tobacco, alcohol and coffee. *Am. J. Epidemiol.*, **128** : 1228.

WHITTEMORE, A.S., HARRIS, R., ITNYRE, J. and THE COLLABORATIVE OVARIAN CANCER GROUP (1992a). Characteristics relating to ovarian cancer risk: collaboratice analysis of 12 US case-control studies. II. Invasive epithelial cancers in white women. *Amer. J. Epidemiol.*, **136** : 1184 - 1203.

WHITTEMORE, A.S., HARRIS, R., ITNYRE, J., HALPERN, J. and THE COLLABORATIVE OVARIAN CANCER GROUP (1992b). Characteristics relating to ovarian cancer risk: collaboratice analysis of 12 US case-control studies. I. Methods. *Amer. J. Epidemiol.*, **136** : 1175 - 1183.

WICKENDEN, C., MALCOLM, A.D.B., STEELE, A. and COLEMAN, D.V. (1987). Screening for wart virus infection in normal and abnormal cervices by DNA hybridisation of cervical scrapes. *Lancet*, **1** : 65 - 67.

WILLET, W., STAMPFER, M.J., BAIN, C., LIPNICK, R., SPEIZER, F.E., ROSNER, B., CRAMER, D. and HENNEKENS, C.H. (1983). Cigarette smoking, relative weight and menopause. *Am. J. Epidemiol.*, **177** : 651 - 658.

WINKELSTEIN, W. Jr. (1977). Smoking and cancer of the uterine cervix: hypothesis. *Am. J. Epidemiol.*, **106** : 257-259.

WINKELSTEIN, W. Jr. (1990). Smoking and cervical cancer current status: a review. *Amer. J. Epidemiol.*, **131** : 645 - 957.

WU, M.L., WHITTEMORE, A.S., PAFFENBARGER, R.S., JR., SARLES, D.L., KAMPERT, J.B., GROSSER, S., JUNG, D.L., BALLON, S., HENDRICKSON, M. and MOHLE-BOETANI, J. (1988). Personal and environmental characteristics related to epithelial ovarian cancer : I. Reproductive and menstrual events and oral contraceptive use. *Am J. Epidemiol.*, **128** : 1216 - 1227.

WYMER, J.P. and AURELIAN, L. (1990). Papillomavirus trans-activator protein E2 activates expression from the promoter for the ribonucleotide-reductase large sub-unit from herpes simplex virus type 2. *J. Gen. Virol.*, **71** : 1817 - 1821.

WYNDER, E.L., CORNFIELD, D.J., SCHROFF, P.D. and DORAISAMY, K.R. (1954). A Study of environmental factors in carcinoma of the cervix. *Am. J. Obstet. Gynecol.*, **68** : 1016.

WYNDER, E.L., DODO, H. and BARBER, H.R.K. (1969). Epidemiology of Cancer of the Ovary. *Cancer*, **23** : 352 - 370.

YADAV, M., MALLIHA, N., TAN, M.K. and ABLASHI, D.V. (1987). Application of EBV-serology to the clinical monitoring of patients with nasopharyngeal carcinoma. In *Advances In EBV and Associated Diseases*. Levine, P.H. et al., (eds.). Humana Press, Inc. Clifton.

YATES, J.L., WARREN, N. and SUGDEN, B. (1985). Stable replication of plasmids derived from Epstein-Barr virus in various mammalian cells. *Nature (Lond.)*, **313** : 812 - 815.

YEE, C., KRISNAN-HEWLETT, I., BAKER, C., SCHLEGEL, R. and HOWLEY, P. (1985). Presence and expression of HPV sequences in human cervical carcinoma cell lines. *Am. J. Pathol.*, **119** : 361 - 366.

YOUNG, J.L. (1982). Cancer in Minorities. In *Behaviour, Health Risks, and Social Disadvantage. Health and Behaviour : A Research Agenda. Interim Report No. 6*. Parron, D.L., Solomon, F. & Jenkins, C.D.(eds.), pp 19 - 31. National Academy Press, Washington D.C.

YOUNG, L. S., BEVAN, I. S., JOHNSON, M. A., BLOMFIELD, P. I., BROMIDGE, T., MAITLAND, N. J. and WOODMAN, C. B. J. (1989). The polymerase chain reaction: A new epidemiological tool for investigating cervical human papillomavirus infection. *Br. Med. J.*, **298** : 14-18.

YOUNG, R.C., et al.,(1993). Cancer of the ovary. In *Cancer, Principles & Practice of Oncology*, De Vita, V.T., Hellman, S. and Steven, A. (eds.), pp 1226 - 63. J.B. Lippincott, Philadelphia.

ZAHM, S.H., WEISENBURGER, D.D., BABBITT, PA., SAAL, R.C., VAUGHT, J.B. and BLAIR, A. (1992). Use of hair colouring products and the risk of lymphoma, multiple myeloma, and chronic lymphocytic leukaemia. *Amer. J. Publ. Health*, **82** : 990 - 997.

ZHOU, D.J., GONZALEZ-CADAVID, N., AHUJA, H., et al., (1988). A unique pattern of proto-oncogene abnormalities in ovarian adenocarcinoma. *Cancer*, **62** : 1573.

ZHOU, X. G., HAMILTON, S. J., YAN, Q.H. and PALLESEN, G. (1993). The association between Epstein-Barr virus and Chinese Hodgkin's disease. *Int. J. Cancer.*, **55** : 359 - 363.

ZIEGLER R. G., BRINTON L. A., HAMMAN R. F., LEHMAN, H.F., LEVIRE, R.S., MALLIN, K., NORMAN, S.A., ROSENTHAL, J.F., TRUMBLE, A.C. and HOOVER, R.N. (1990). Diet and the risk of invasive cervical cancer among white women in the United States. *Am. J. Epidemiol.*, **132** : 432 - 445.

ZUR HAUSEN, H. (1982). Human genital cancer: synergism between two virus infections or synergism between a virus infection and initiating events? *Lancet*, **11** : 1370 - 1372.

ZUR HAUSEN, H. (1989). Papillomavirus DNA in anogenital cancer as a model to understand the role of viruses in human cancers. *Cancer Res.*, **49** : 4677-81.

ZUR HAUSEN, H. (1991). Viruses in human cancers. *Science*, **254** : 1167-1173.