

viral proteins of *H. hominis I* (simplex) were described; in some cases the relation to virus substructure was known. Some of the proteins of *H. hominis I* were like those of EBV.

Immunological studies on the relatedness of these tumor-associated viruses were reported from two laboratories. One study indicated that EBV, Lucké, human cytomegalo-, *H. hominis I*, and *H. hominis II* viruses have at least one common antigen, probably located in the nucleocapsid of the virion. Another study suggested that *H. hominis I* and *II* have at least three antigens, at least one of which is common with EBV and is not present in *H. hominis I*. The antigen common to EBV and the Lucké virus is not present in *H. hominis I*. Initial attempts to determine common antigens among the above viruses and the herpesvirus from Marek's disease and *H. saimiri* have so far been negative, possibly because of insufficient viral mass.

A detailed report showing the high association of antibodies to *H. hominis II* in the serums of women with cervical cancer was presented. Important new findings on the herpesvirus associated with Marek's disease were presented. The following evidence indicates this virus is probably etiologically related to the disease: (i) a herpesvirus has been isolated from every strain of chicken with Marek's disease; (ii) although the virus is highly cell-associated, the growth rate of herpesvirus is similar both in vivo and in vitro; (iii) fluorescent antibody foci are observed early in tissue culture and later progress to cytopathic areas with virus demonstrable by electron microscopy; (iv) the disease can be transmitted to normal chickens by virus found in cells lining the feather follicles of infected birds, and the virus can be re-isolated again from infected birds; (v) protection can be obtained in chickens by inoculation of a live but apparently nonpathogenic strain of herpesvirus of turkey origin.

The participants suggested various ways in which studies of cross reactivity among oncogenic viruses could be expedited.

The conference, held on 28 and 29 August, was sponsored by the Immunology-Epidemiology segment of the Special Virus-Cancer Program of the National Cancer Institute.

LOUIS R. SIBAL

MARY ALEXANDER FINK

National Cancer Institute  
Bethesda, Maryland 20014

16 JANUARY 1970

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