

UNIVERSITY OF PITTSBURGH
GRADUATE SCHOOL OF PUBLIC HEALTH
PITTSBURGH 13, PENNSYLVANIA

DEPARTMENT OF
EPIDEMIOLOGY AND MICROBIOLOGY

April 1, 1959

Miss Nancy Rogers or
Dr. John R. Gauld
Department of Virus Diseases
Division of Communicable Diseases
Walter Reed Army Institute of Research
Washington 12, D. C.

Dear Miss Rogers:

I write you in a very apologetic manner for having delayed so long in sending you a report on work that has been done for some time, but we just realized that we had never reported the results to you. I hope this has not caused you any embarrassment or difficulty. However, since the Enterovirus Committee has not met recently, this will not make any difference in the long run. As indicated in our letter to Captain Gauld dated July 30, we received the Crawford virus line III MK-7 and the Bass antiserum. The attached table gives the results of part of the work which we have done. The ECHO-4 guinea pig antiserum has a homologous titer of from 1:80 to 1:320. We also ran your virus against an antiserum for our 2219 virus which is also an ECHO-4 strain. This serum has a titer essentially the same as the one above and it failed to neutralize Crawford III virus at a 1:10 dilution. We are in the process of cross-checking your virus against three new prototypes which we are about to present to the Enterovirus Committee. The antisera prepared for each of these three prototypes have not neutralized your agent. Tests in the other direction are in progress.

From the above I think we can conclude that your virus is not closely related to ECHO-4 and is not related to ECHO's 12 and 13.

My apologies again for the delay in giving you these results.

Very sincerely yours,

W. McD. Hammon, M. D.
Head of Department

WMI/co
cc: Members of Enterovirus Committee
Enclosure