Dr. Albert B. Sabin  
Children's Hospital, Research Foundation  
Elland and Bethesda Avenues  
Cincinnati 29, Ohio  

Dear Dr. Sabin:

With regard to the recent epidemic in Korea, you have pointed out that initial results of tests performed on sera obtained from individuals and animals last year left something to be desired; nevertheless, did suggest, in my opinion, the dissemination of Japanese B encephalitis virus among the populace during 1949. Adverse conditions, namely, poor refrigeration through power failures reflected itself by reduction in both frequency and degree of titres on the serum tested.

Wishing to expand our previous observations, Captain Whatley accompanied me to Seoul, Korea where we obtained 341 additional human and animal serums. By taking advantage of the anamnestic reaction through response to an initial dose of vaccine among both children and adults, we were able to demonstrate a significant increase in both the frequency and degree of complement-fixing antibody titres.

Perhaps you recall in 1946 a serologic survey, to include various segments of the Korean populace which was carried out by Deuel, Bawell et al. Various species of animal sera were also obtained. I finished running the neutralization tests during the early part of 1947 and summarized the data for inclusion in our Annual Report.

Preliminary information as a result of additional material and data gained during our second trip to Korea, portrays a close correlation with the results obtained (neutralizing antibody) from the 1946 Korean survey. In view of the fact that these protocols (1946) are available, the figures of which we believe to be unpublished, I would like to quote rather generously from them in our expected publication on the Korean outbreak. Please advise at your earliest convenience.

With kindest personal regards to you and Mrs. Sabin, I remain,

Sincerely,

[Signature]

KENNETH F. BURNS  
Major, VC  
Section Chief