Dear Dr. Sabin,

Under separate cover I am sending to you an ampoule of dried S A 8 virus grown in monkey kidney culture. The agent was isolated from the CNS of monkey No. B 264, which developed hindleg paralysis on the 11th day of a vaccine safety test. Rabbit tests on the vaccine fluid were negative. The histological picture of the monkey showed extensive inflammation and necrosis of the lumbar cord, involving grey and white matter, with less extensive lesions higher up the cord and in the medulla. Small (1-2 lb) rabbits inoculated intradermally and subcutaneously tended to survive, older rabbits showed hindleg paralysis in over half those inoculated, a few dying and some surviving. Most of the rabbits developed necrotic skin lesions, occasionally very extensive. I have not been able to produce illness in healthy adult white mice, but suckling mice go down after I-C inoculation. With low challenge doses there appear to be antibodies to this agent in the B serum I received from Parke Davis and Glaxo, but only to a low level. A similar agent has been recovered from one other vervet monkey's CNS under similar circumstances, and from the mouth of an apparently healthy monkey. We have not yet seen oral ulcers, but I am at present screening for these.

I shall be very interested to know if this is B virus.

With best regards,

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Dr. A.B. Sabin,

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