INOCULATION DEPARTMENT,
ST. MARY'S HOSPITAL,
PADDINGTON, W. 2.

1- June '85

Dr. A. B. Sabin:

Dear Sir,

Recently I was fortunate enough to
hear you give a lecture on "The Mechanism of
Immunity to Filterable Viruses," and I have read your
article on the same subject (B. J. E. R. Vol. XVI. No 1)

I am not a worker on virus research,
but there is one point, resulting from your statements
that particularly attracts me. You have demonstrated
how easily it is to separate the virus and "protective substance"
found in immune sera. The point that occurs to me is
why should not such a separation occur when such a
mixture is injected into a susceptible animal? The
following simple experiment has occurred to me, if I
may be so bold as to suggest it to you:

Pour a quantity of ray nutrient agar be prepared,
having the same osmotic pressure as the serum of the
animal to be used later; this is placed in a petri dish, and
a "well" made into the well place a non-injectable mixture
of virus and protective body, and allow any diffusion that
may occur to take place, say for 6 hrs, and test it.

Yours, etc.,
[Signature]
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remaining mix live in the "well" for acquired infecting power. This may occur if there is no "force" of combination between the two components under test.

Virus - protective body
mix live

Yours very sincerely,
Lewis B. Hole.