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IN REPLY REFER TO

July 19, 1971

Dr. J. Lederberg
 Dept. of Genetics
 Stanford Univ. Sch. of Med.
 Palo Alto, Calif. 94305

Dear Josh:

Your comments in Science on the report by M. W. Eklund et al. prompted me to send you the enclosed reprint (Doorenbos, W., Ann. Inst. Past. 48:457-469, 1932). We recently came across this paper while examining Bhaskaran's Vibrio cholerae mating system.

It looks like Doorenbos in 1932 anticipated some of our present experiments and implicated cholera phages in hemolysin production, antigenic changes, and indol formation. He evidently found these supposedly phage influenced traits to be unstable which strikes me as a bit suspicious. I suppose my skeptical nature prevents me from concluding that his observations were correct (at least until I can confirm some of them myself).

*a similar problem
 in T. felani 190!*

With best regards,

Yours,

for

L. S. BARON
 Dept. of Bacterial Immunology

~~Thank you, Lou. I had seen this a long time ago, & shared your skepticism. For a much more credible early example, in Steg, see Burnet & Melick 1979 ? dubious~~