December 21, 1958

Dr. Maurice Ogur
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Carbondale, Illinois

Dear Dr. Ogur:

Thank you for your letter of the 9th, and the accompanying interesting ms. I have no particular comment to make except to echo your own, on the question of just what it is that persists. You might take some interest in a rather abstract but detailed review of phenomic residues in my paper on linear inheritance in transduction clones (Genetics, 1956). I believe that Quadling and Stocker have further explicit evidence on similar residual flagella in mutant clones.

The logic of respiratory particles = genetic particles is a venerable trap. Ephrussi has been quite cautious about it, but is sometimes misquoted. I think Carl has been quite careful too. If I may quote another review of my own writing, I did go over the question in a little detail in another middle-aged paper in Physiological Reviews, 1953. Koch's postulates ought be taken more seriously in such etiological discussions.

Ephrussi, Roman & Co. have some other evidence of phenomic lag— I've forgotten the details, but it had to do with the capacity of newly formed aer⁻ diploids to sporulate though giving only aer⁻ progeny; older aer⁻ have, of course, lost the ability to sporulate.

Have you seen a note by Taubeneck on a micro-ruled reticle for direct observation. His first notes are in Zentralbl. Bakt. in the last couple of years, and he has a new one coming out in J. Bact. His latest production is a reticle with numbered squares about 50 u the side.

Do give Carl and Jerry our warm greetings—

Yours sincerely,

Joshua Lederberg