

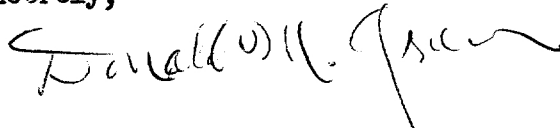
Department of Biology  
University of Rochester  
Rochester, New York  
December 12, 1955

Dr. Joshua Lederberg  
Department of Genetics  
University of Wisconsin  
Madison, Wisconsin

Dear Dr. Lederberg,

As a graduate student studying transformation of Pneumococcus under Dr. Rabin, I have become interested in the possibility of transforming other bacteria, particularly E. coli, K-12. I have a procedure outlined which should detect mutants to transformability, if such occur, even at relatively low rates. The system requires the use of a polygenic quantitative resistance to a selector. If the Cavelli-Maccacaro observations on the quantitative character of chloromycetin (chloramphenicol) resistance are correct, this would be an ideal selector to use. For this purpose I would like to obtain a strain of K-12 resistant to chloramphenicol at concentrations of 640-1280 micrograms/ml. If you have such a strain available I would greatly appreciate obtaining it.

Sincerely,



Donald M. Green