

Columbia University  
in the City of New York

[NEW YORK 27, N. Y.]

DEPARTMENT OF ZOOLOGY

February 5, 1954

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

Dear Dr. Lederberg:

During the last few months I have been attempting to procure fitter types in strain K12 using the serial transfer technique developed by Dr. Ryan. Sufficient success has been attained to warrant the extension of these experiments which have, as their ultimate objective, a genetic analysis of the factors underlying fitness. The plan necessitates the use of a multiple marker K12 strain similar to W1177, with the exception that it be streptomycin sensitive rather than resistant, and if possible F plus. If there is a W1177 S<sup>S</sup>F plus in your collection I would certainly appreciate having a slant of this strain, for it will immeasurably simplify my task.

Naturally, any comments you might make concerning this project will be more than welcome.

Sincerely,  
*Daniel J. McDonald*  
Daniel J. McDonald

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