

December 7, 1960

Dr. Yukinori Hirota  
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School of Medicine  
University of Osaka  
Osaka, Japan

Dear Hirota:

In my last letter I forgot to mention some very interesting papers that I have recently seen by Mitsuhaashi and others which have appeared in the Japanese Journal of Experimental Medicine 30: 179, 1960. If we take these literally some strains of *Shigella* may have an F-like factor which is responsible for resistance to drugs. If you are not already aware of this I would think that you would find it very interesting to see whether this factor behaves like F with respect to the mediation of sexuality and with respect to the removal by acridine orange.

Yours sincerely,

Joshua Lederberg  
Professor of Genetics