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CHELSEA BRIDGE ROAD,
LONDON, S.W.1.

Telegrams : "Bacteriology, Knights, London"
Telephone : SLOANE 2181

1st August : 1961

Professor J. Lederberg
Department of Genetics
Stanford University
Palo Alto
California : U.S.A

Dear Professor Lederberg

Working on T_1^R mutants of E.coli K-12, I observed a phenomenon similar to the one you described in 1949 with V_1^C type resistant to T_1 and sensitive to T_5 . My studies, begun with Fredericq, have revealed that the mutation affecting the strains used is probably a deletion extending, or not, to the tryptophan locus. I suspect that the "Het" factor corresponds to an abnormal chromosomal organisation, the effect of which during pairing, is to delay segregation.

Dr. Stocker has suggested that I ask you for the strain $B: -m - V_{12}^R$ which gave you H-1, so that I could make more suitable comparisons between your results and mine.

I should be very grateful if you could send me this strain, and others which you think would help me in further studies, also for any advice or suggestions you could give me on this subject.

Yours sincerely



Jean Gratia

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sent 8/10/61 m.f.

Best regards to you both, hope to write soon!
Bruce