

UNIVERSITY OF CALIFORNIA, DAVIS

001 5 122

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

COLLEGE OF LETTERS AND SCIENCE
DEPARTMENT OF BACTERIOLOGY

DAVIS, CALIFORNIA 95616

7 October 1974

Professor Joshua Lederberg
Department of Genetics
Stanford University
School of Medicine
Stanford, California 94304

Dear Dr. Lederberg:

Please excuse my delay in answering your letter. I have recently moved to U.C. Davis and since your letter was sent to my old address in Hawaii the delay was inevitable.

Concerning Eagon's finding that B. natriegens has a very rapid growth rate, I have recently heard that Dr. George Hageman could not repeat this observation. When grown on a complex media (0.5% tryptone + 0.5% yeast extract, + 0.2% glycerol) many of the beneckeas have at 28°C a generation time of 28-40 minutes. On a minimal medium with 0.2% D-glucose, the generation time is 50-60 minutes. Since I don't think these generation times are particularly unusual, I will not send strains at this time unless you specifically make a request.

Dr. D. G. MacPhee at the Department of Genetics and Human Variation, La Trobe University, Bundoora, Victoria 3083, Australia, has recently requested several strains of B. natriegens to study DNA repair. I don't know if he has been able to repeat Eagon's observations and I suggest that you write to him.

Enclosed is a set of our reprints dealing with marine bacteria. Should you still want strains, please let me know.

Sincerely,

Paul Baumann
Paul Baumann

PB:emc

Enclosures

*Reprints to Gen. Library
of Eagon*

BAUMANN, P.