

April 2, 1973

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Dear Tetsuo,

I just wanted to call your attention to the way that cyclic AMP is appearing almost everywhere as a regulator in microbial as well as eukaryotic systems.

Specifically I wanted to suggest that you look into it as a possible factor in (1) the inhibition of H_1 expression by the H_2 product and (2) the "mutation" at Ah_2 .

Some references below.

All best wishes,

Joshua Lederberg
Professor of Genetics

P.S. Did you see Sgaramella's paper in PNAS 10/72? We have some exciting follow-up on that now, initiating a reasonable transfection system with P22 DNA. But not yet to the efficiency where we can demonstrate bacterial transfer with DNA.

JL/rr

Warden

Enclosure (References)