



## DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BETHESDA 14, MD.

NATIONAL INSTITUTES OF HEALTH

Mar 10

Dear Dr. [unclear]

Thank you for your letter. I may stay a day after the meeting. I plan tentatively to arrive April 8 in the afternoon - I don't know from where since I have 3 alternative travelling plans and will have to make up my mind. —

I have had trouble with getting decently active lysates for Gal 9 - but I am in the midst of it. I will change the <sup>all</sup> breaking procedure; I suspect surface inactivation during shaking. Elimination of air space ought to help. This requires larger runs! — Gal 3 is interesting. I suspect that I have got a reversion toward single galaktin. negative, Pgal and transforms +(). There would be a selection in favor of such an event. I will check the effect of medium<sup>x</sup>) There are too many people in the Section using the indicator enzymes. We are running low. When I move to Hopkins I ~~want~~ hope to have a graduate student spending time on the method. I also plan to follow kinetics of induction in the intact cells (Bruton Chance's technique). When I come to Wisconsin I plan to bring <sup>x</sup>I have got to run 3265. !



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with me copies of enzymatic assays for your information. I also found interesting details in Kiyoshi's protocol'. He did nice work but fails occasionally to give proper evaluation to his observations.

— We have very encouraging information now about 'traits' in galactosemia. Kirkman & I have found the enzyme 'Trait'. Perhaps there will be opportunity during the meeting to discuss this. —

The epimerase (yeast) is a fluorescent enzyme, this apparently for yeast glucose and on galactose & running the lysates on Soren-Tietzson Columns. —

Tell Henry Landy that I am coming & that the latter work might furnish material for an article in the planned H.O.L. Fischer Vol. —

Spent a delightful evening with Gopal Agarwal <sup>in New York</sup> — have lost track of him since. He was supposed to give a Seminar here. Have you recent information about his whereabouts?

Best regard to both of you  
for Bert & myself.

Sincerely

Ahorn.

P.S. We will hear Aaron Novick here  
March 24.