Dr, O.T. Avery,
Rocicerellew Ingtitute Hospital; New York, K.Y.

Dear Ur, avery,
Since my establishnent hare at hisccnsin, i have been occupying ayself.
with applying the genetical techniques Tatum and I have learned with E. coll to the problen of genementye relationsitips in this bicterium. To that ond, I have been studring mititunt iffectine lachise uctivity, and it any suffice to aention now that a plurality of thea nave been found, somewhat to ay surprise. I would have predicted that all the mutiations affecting a siagle enayne would involve the same sote. the problcm: is thore indeed but a single encync.

I ane eddresaing this lotter to you to enquire whether you stilil happen to have a sample of p-nitrophenol-b-galactopyramoside, reported by Goevel and yourself neariy two decades 140 (JFM 50, 1929). It occurred to ne that this compound, in view of the pH ahift in the apdosption ppectrum of p-nitrophenol, might be a useful chromogentc abbetrate to asoay galactosidase activity. If possible, I wouid like to test this notion on a smil pampie ( $1-2$ gme.) bafore undertaking a large scale preparation. Whilo/ I would like to ask for this quantity, I could run testh on, say, ${ }^{\text {a }}$ tenth that amount. If jou can figd the bottie, star cooperation nouldfoe greatly appreciated.

Bost rogyode,

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& =\frac{14+}{+4} \\
& \text { - lae } 2-\quad+t+\quad- \\
& t+t \\
& \text { - }
\end{aligned}
$$

