Marine Biological Laboratory
WOODS HOLE, MASSACHUSETTS

June 23 1937

Dear Dr Tatum:

I shall be at Stanford next year in biology (genetics). We are looking for a chemist who might be interested in cooperating in work on hormone-like substances concerned with eye-pigmentation in Drosophila and on the chemistry of the pigment systems in this animal. The general plan is to attempt to relate genetics and development. Dr Ephrussi, here in Paris, and I have made a start from the developmental side (review paper in Genetics 22: 76 1937) but are so limited by lack of knowledge of the chemical side. Dr Ephrussi has a chemist (Khouvine) working with him on the hormone-like substances, but we feel that the field is plenty large enough for two laboratories working in cooperation. Khouvine is not working on the pigment systems concerned (eye and Malpighian tubes). The material appears to be entirely possible to handle - hormone-like substances and pigments are water-soluble and stable and can be had in reasonable quantities. Since the hormone-like

substances are detected by biological tests (simple), it seems desirable to go at the problem on a coöperative basis. I may say, however, that we'd like to find a chemist who can take charge of the chemical side. Advisory help from experienced men is assured in the work.

The appointment can be made for a year only since it is of a more or less experimental nature. I am convinced that if we get the right man and can demonstrate prospects of progress, support can be had for continuing. I feel, personally, that this work should provide an excellent opportunity. The proposed salary is $2000 — not high, but with relatively low living costs at Stanford, the equivalent of a good deal more in the east. There will be no teaching duties.

Dr Peterson suggested that you might be interested. If you feel that you are, can you cable me collect at M.B.L. Woods Hole, Mass? — (M.B.L. not necessary in cable). We are also considering Mr Wagtendonk but I feel that, because it is a one year appointment, it would be wise to get an American if possible. Perhaps, under the circumstances it might be just as well not to mention this to Mr Wagtendonk, assuming you know him.

I shall look forward to hearing from you,

Sincerely yours
G.W. BEADLE

P.S. I can only make recommendations to Dr Taylor, head of the laboratory, on this should not be considered a definite offer.
G.W.B.