

that the alteration in enzymatic activity observed by treatment of FDPase with acetylimidazole is associated with the acetylation of four tyrosyl residues. Further work is necessary to define the nature of the changes produced by acetylation of these tyrosine residues and their relation to the catalytic mechanism.

On the basis of the present studies and from results obtained with 2,4-dinitrofluorobenzene the authors can postulate the existence of two regions of the enzyme protein. (1) An active center responsible for the binding and the dephosphorylation of the substrate, which contains specific tyrosine residues or requires a structure provided by these tyrosine residues. (2) A second distinct region which contains a sulfhydryl group capable of regulating the catalytic activity at neutral pH.

This is supported by the results obtained by treatment of FDPase with 2,4-dinitrofluorobenzene (Pontremoli *et al.*, 1965a). Under these conditions where only one cysteine residue is converted to the *S*-dinitrophenyl derivative, the enzyme activity at neutral pH is increased more than twofold over the original. Further work is in progress to investigate the relationship between these two regions.

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CORRECTION

In the paper "Biosyntheses of Bacterial Glycogen. IV. Activation and Inhibition of the Adenosine Diphosphate Glucose Pyrophosphorylase of *Escherichia coli* B," by Jack Preiss, Laura Shen, Elaine Greenberg, and Norman Gentner, Volume 5, June 1966, the following correction should be made.

On p 1835 under "Step 2. Protamine Sulfate Fractionation," the paragraph should read (the typographical omission is in italics for emphasis):

"A 1% protamine sulfate solution, 150 ml, was added slowly, with constant stirring, to 500 ml of the crude extract. After 10 min the suspension was centrifuged at 10,000g for 10 min. *This precipitate was discarded. To the supernatant fraction from this centrifugation was added another 150 ml of the 1% protamine sulfate solution. The precipitate from centrifugation of this suspension at 10,000g for 10 min contained the enzymatic activity.*" (The remainder of the paragraph is correct.)