

Table referenced as "DNA and protein synthesis in some sub-cellular systems"

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Chayen, J. (Joseph), 1924-

Publication/Creation

September 1957

Persistent URL

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D.N.A. AND PROTEIN SYNTHESIS IN SOME
SUB-CELLULAR SYSTEMS.

Authors.	System.	Effects of D.N.A.
Mirsky, Osawa and Allfrey	Incorporation of C-14 amino acids into proteins of nuclei isolated from calf thymus.	Incorp. diminished by renewal of DNA; restored by addition of DNA, homologous and non- homologous and by degradation products of D.N.A.
Gale and Folkes	Incorporation of C-14 amino acids and changes in enzyme activities in <i>Staphylococcus aureus</i> disrupted by ultrasonics.	Incorp. and some enzyme activities stimulated by addition of D.N.A.
Spiegelman et al	Enzyme and RNA synthesis in protoplasts, intact and disrupted, of <i>B. megatherium</i>	Adaptive enzyme and RNA synthesis unaffected by removal of DNA.