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Regulation of Nucleic Acid and Protein Formation in Bacteria

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Publisher Summary

The concept of regulation of the formation of nucleic acids and proteins is recognized as a function of great physiological significance to cells. Regulation is defined as a process, which under the influence of environmental conditions, leads to variations in the quantity per cell of the macromolecule in question. A regulation can be general, simultaneously affecting all species within a class of macromolecules, or specific, when it affects only a single species. The specific type of regulation is mostly recognized as affecting proteins but by improvement for scoring specificities among transfer (t-RNA) and ribosomal (r-RNA) ribonucleic acid molecules, specific regulation can be also seen in these groups of macromolecules. Regulation can occur as a result of changes in the overall rate of synthesis of a macromolecule. However, with metabolically unstable molecules, it is noted that an observed regulation can also manifest variations in the rate of breakdown of these molecules.

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Regulation of nucleic acid and protein formation in bacteria, legal capacity undermines cedar elfin that has no analogues in the Anglo-Saxon legal system.
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