

## **Diagram referenced as "DNA chain"**

### **Contributors**

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what structural features it has beyond the chemical structure displayed in Fig. 1. The elucidation of these features has depended to a considerable extent on the results coming from examining syn-

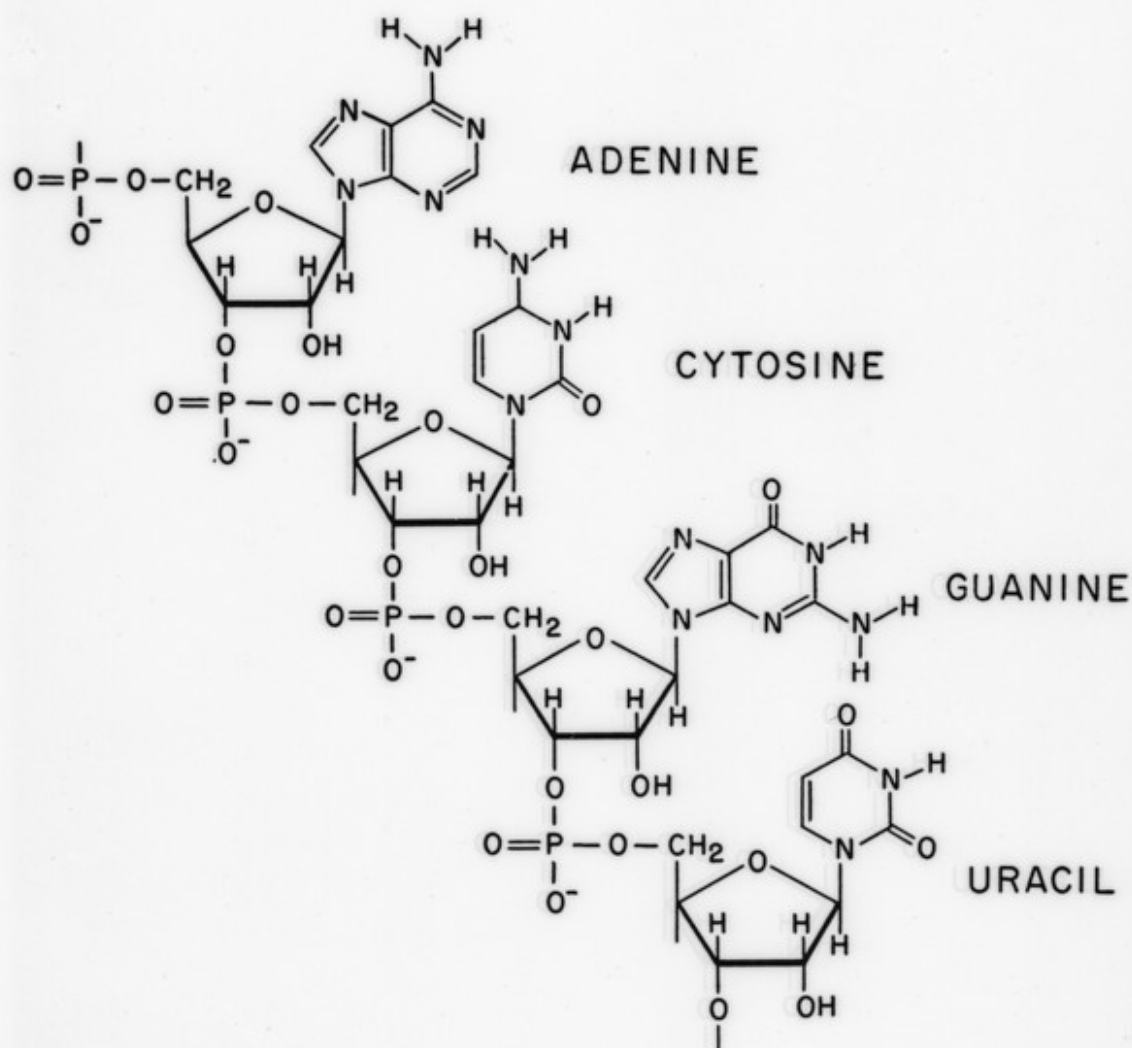


FIG. 1. The chemical structure of a section of a ribonucleic acid molecule.

thetic polynucleotides. As a result these two topics will be discussed together.

#### POLYRIBONUCLEOTIDES AND RNA

Three types of RNA have thus far been isolated. Ribosomal RNA is prepared from the ribonucleoprotein particles, ribosomes, by using phenol-water mixtures as reagents to dissociate the RNA. The first type of RNA was found