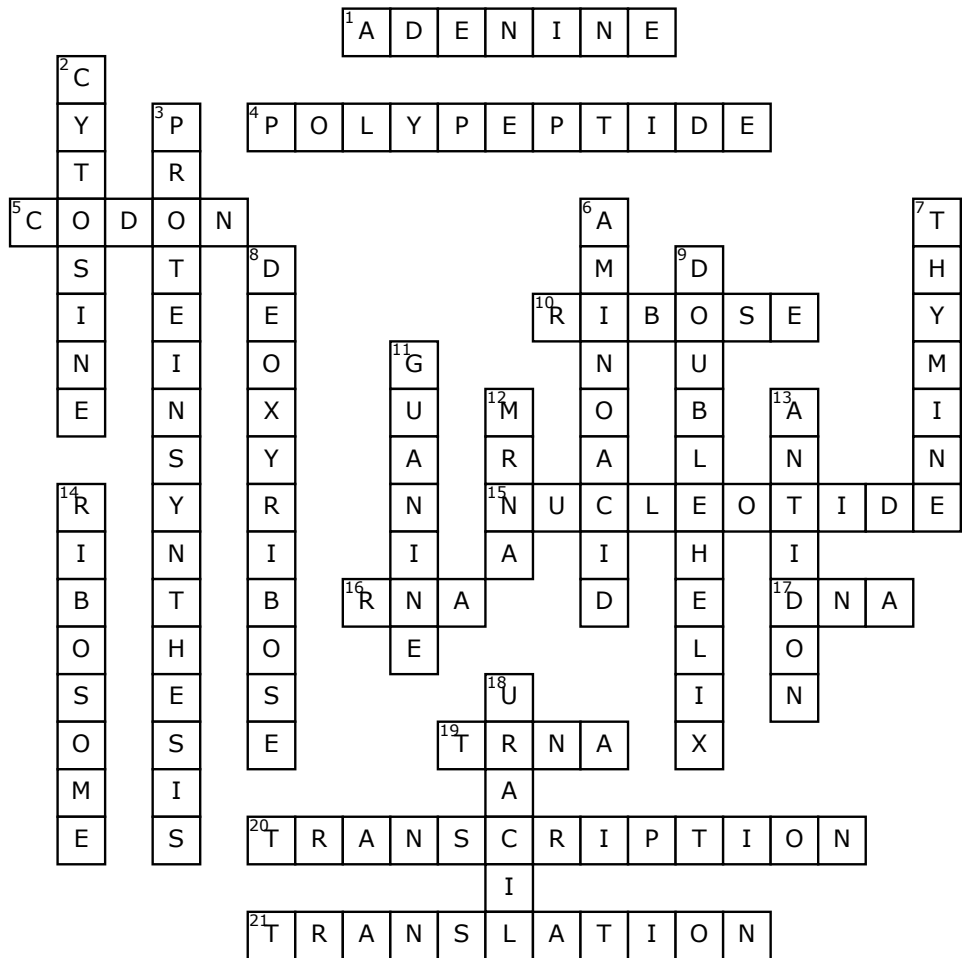


DNA, RNA, Protein Synthesis crossword

Across

- 1.** a purine derivative, it is paired with thymine in double-stranded DNA.
- 4.** built from a large number of amino acids.
- 5.** set of three bases
- 10.** where does the mRNA travel to
- 15.** a compound consisting of a nucleosides linked to a phosphate group.
- 16.** a nucleic acid present in all living cell.
- 17.** Type macromolecule know a nucleic acid.
- 19.** activated by enzyme that attaches a specific amino acid to the end
- 20.** the first step of the central dogmainvolves the synthesis of mRNA from DNA in process



21. once the mRNA is synthesized and processed, it moves to the ribosome.

Down

- 2.** it is paired with guanine in double-stranded DNA.
- 3.** process by which the genetic code puts together proteins in the cell.
- 6.** the building blocks of all biological proteins.
- 7.** a pyrimidine derivative, it is paired with adenine in double-stranded DNA

8. a sugar derived from ribose by replacing a hydroxyl group with hydrogen.

9. the shape of DNA.

11. a compound that occurs in guano and fish scales.

12. messenger RNA, is a subtype of RNA.

13. opposite codon

14. a sphere- shaped structure within the cytoplasm of the cell that is composed of RNA and protein and is the site of protein synthesis.

18. in DNA its place taken by thymine.

