ACROSS
4 Made of ribosomal RNA and protein: makes protein.
6 Pentose sugar of DNA nucleotide.
10 Pairs with adenine: RNA equivalent of thymine.
11 Site of photosynthesis in plant cells.
12 Covalent bond by which nucleotides are joined together.
14 Protein unraveling and subsequent loss of original function.
15 Nitrogenous base: pairs with thymine.
16 Ribosome—studded region of ER.

DOWN
1 Site of cellular respiration in animal cells.
2 Full name of RNA.
3 Formed by two antiparallel strands of DNA: spiral.
5 Monomers of nucleic acid.
7 One component of cytoskeleton: made of tubulin monomers.
8 Digestive organelle that contains hydrolytic enzymes in animal cells.
9 Single—celled organism without internal membranes.
13 Nitrogenous base: pairs with cytosine.