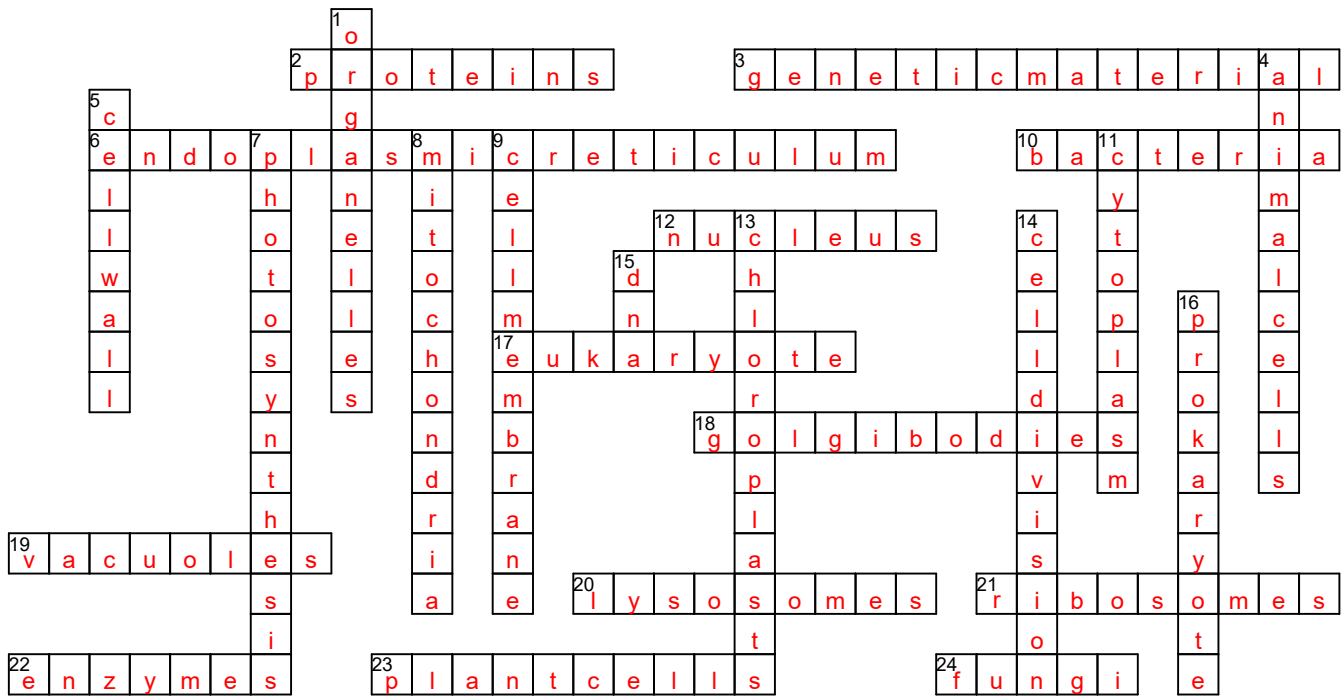


Cells Crossword Puzzle 2

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



ACROSS

- Essential molecules produced by ribosomes for cell activities and growth.
- DNA, which contains the instructions for cell processes.
- A network of passageways that transports materials within the cell.
- Examples of prokaryotic organisms.
- The control center of the cell that directs all activities.
- A multicellular organism with cells that contain a nucleus.
- Organelles that package and distribute proteins.
- Storage areas within a cell.
- Organelles that break down waste materials and debris.
- Small structures that produce proteins.
- Proteins found in lysosomes that break down waste materials.
- Cells that contain a cell wall, chloroplasts, and large vacuoles.
- Examples of eukaryotic organisms.

DOWN

- Tiny structures within a cell that perform specific functions.
- Cells that lack a cell wall and chloroplasts but have smaller vacuoles.
- A rigid layer that surrounds plant cells and provides support.
- The process by which chloroplasts convert sunlight into food.
- Known as the powerhouses of the cell, producing energy.
- The boundary that separates the cell from its environment.
- The jelly-like region between the cell membrane and the nucleus.
- Structures in plant cells that capture energy from sunlight to produce food.
- The process by which a cell splits into two new cells.
- The genetic material that provides instructions for all cell processes.
- A single-celled organism without a nucleus.

lysosomes

cell membrane

cell wall

plant cells

enzymes

ribosomes

proteins

cytoplasm

organelles

nucleus

mitochondria

fungi

golgi bodies

chloroplasts

animal cells

prokaryote

genetic material

DNA

vacuoles

photosynthesis

endoplasmic reticulum

eukaryote

bacteria

cell division