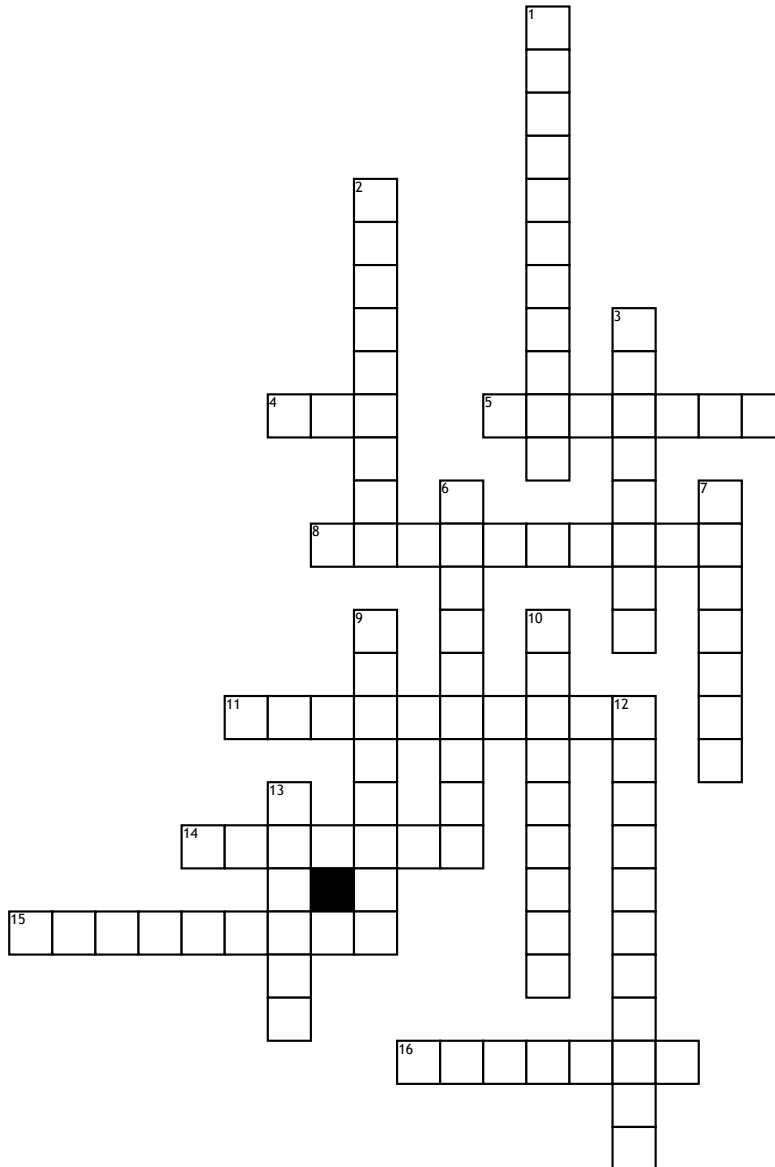


Lanh Bui



Across

4. Deoxyribonucleic acid
 5. Division of genetic material during cell division
 8. The first 3 stages of the cell cycle.
 11. Having complex cells in which the genetic material is contained inside a nucleus
 14. Second growth phase of the cell cycle, the cell prepares itself for the synthesis stage of the cycle.
 15. The final phase of cell division, between anaphase and interphase, in which the chromatids or chromosomes move to opposite ends of the cell and two nuclei are formed.

16. Second growth phase of the cycle, the cell prepares itself for mitosis/meiosis.

Down

1. Individual microscopic organism with no nucleus
 2. Material makeup of the chromosome
 3. Each chromosome comes near its replicated chromosome pair.
 6. The division of a cell into two daughter cells with the same genetic material.
 7. A type of cell division that results in four daughter cells each with half the number of chromosomes of the parent cell, as in the production of gametes and plant spores.

9. The stage of meiotic or mitotic cell division in which the chromosomes move away from one another to opposite poles of the spindle.
 10. The second stage of cell division, between prophase and anaphase, during which the chromosomes become attached to the spindle fibers.
 12. The cytoplasmic division of a cell at the end of mitosis or meiosis, bringing about the separation into two daughter cells.
 13. The Genes in the nucleus are replicated. New histones molecules complex with new DNA.