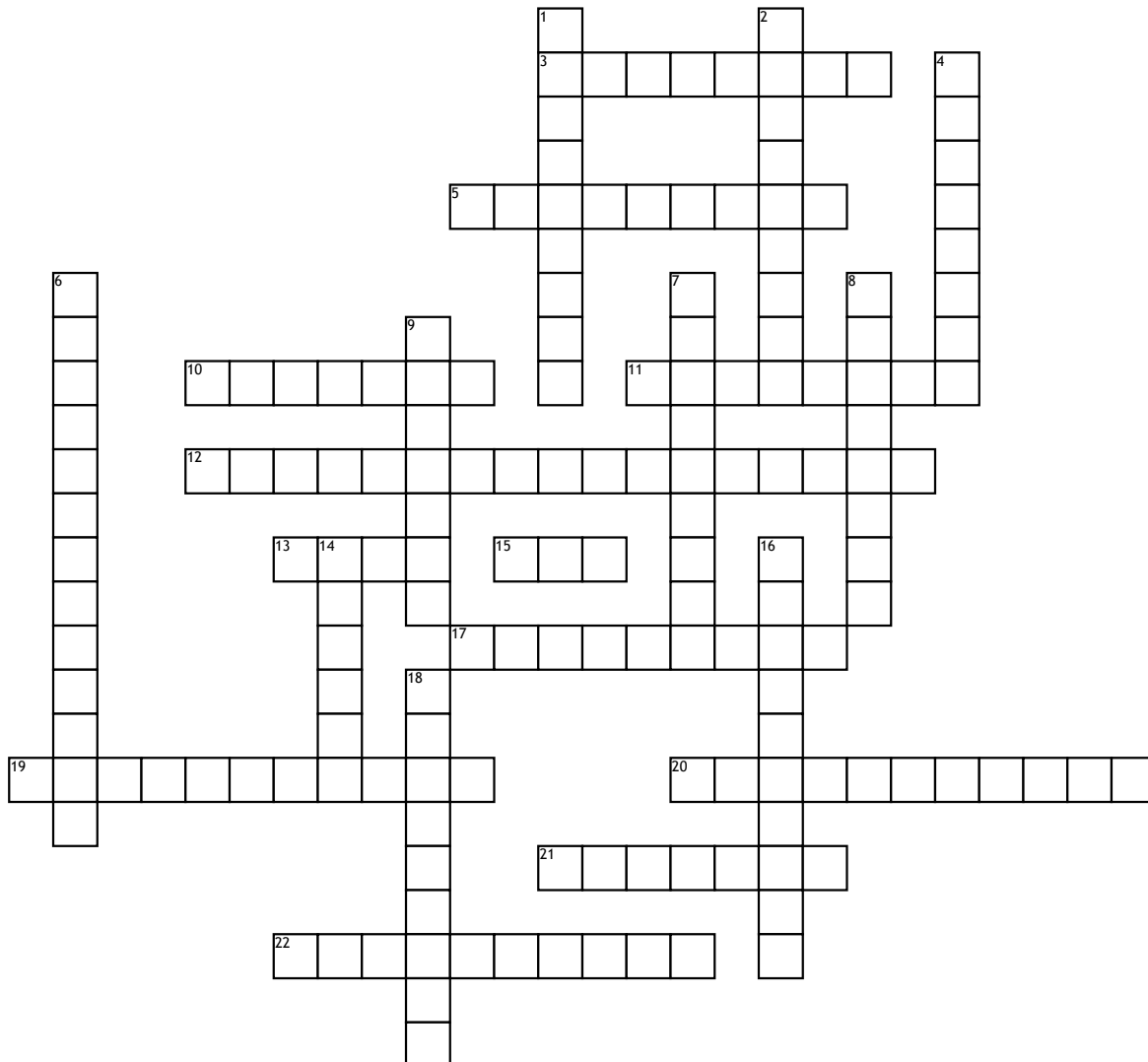


# Cancer Biology Crossword



## Across

3. step in cell cycle where replicated chromosomes are separated to opposite poles of the cell

5. programmed cell death

10. Gene located on chromosome 9 that codes for a proto-oncogene

11. A germ cell tumor containing multiple tissue types, not usually associated with the site of tumor formation

12. process in which glucose is converted into lactate in the presence of oxygen, also known as the Warburg effect

13. transmembrane protein that is a receptor for members of the epidermal growth factor family

15. gene that codes for tumor suppressor protein

17. Series of events leading to duplication of cell (DNA, organelles, cytoplasm, etc)

19. cells that produce the major components of the ECM

20. control mechanisms of cell cycle

21. pertaining to pleura

22. when one gene influences two different phenotypes

## Down

1. imaging of chromosomes

2. cancer that originates in tissue lining of organs

4. a tumor of melanin-forming cells, especially a malignant tumor associated with skin cancer.

6. biological process that causes an organism to develop its shape.

7. variation in phenotype caused by environmental factors, not a mutation and non-hereditary

8. Genetic material of virus incorporated into host cell, now able to replicate with host machinery

9. taking place in a test tube

14. tumor occurring in brain or spinal cord

16. ribonucleoprotein that adds telomere repeat sequence to the 3' end of telomeres.

18. transmembrane protein receptors mediating cell-ECM adhesion