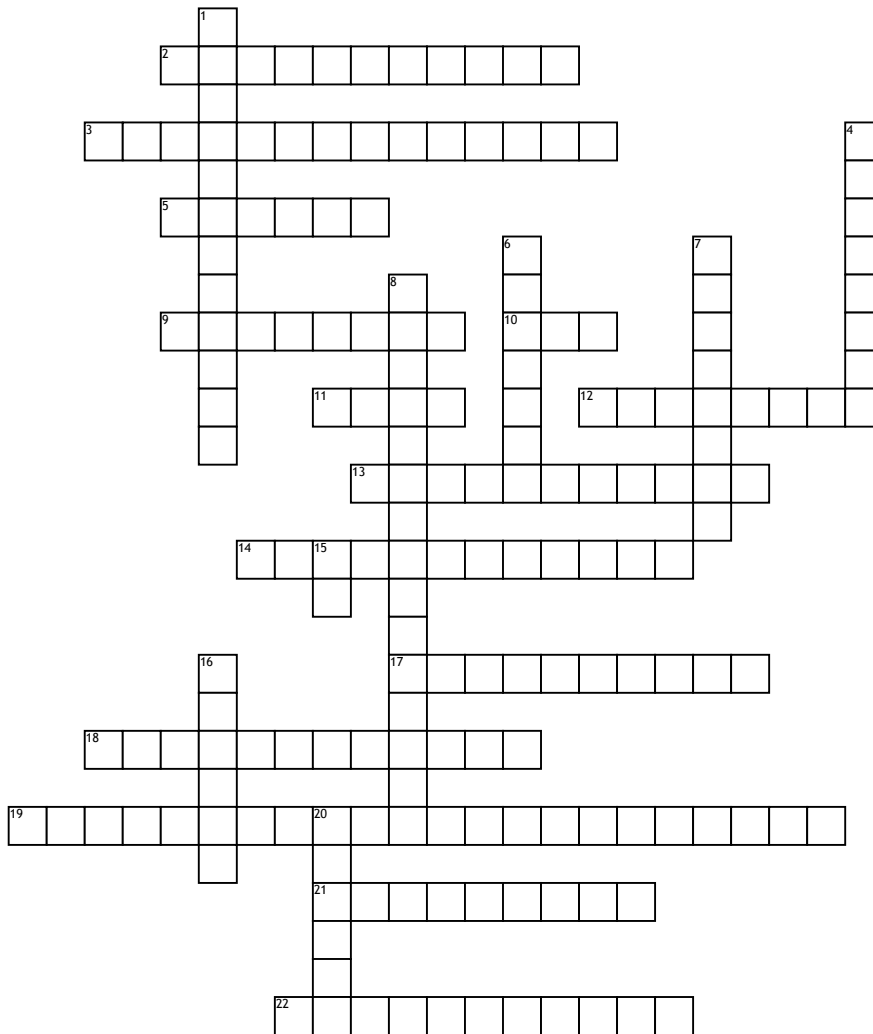


Cancer bio crossword



Across

2. White blood cells that originate in bone marrow and secrete antibodies
 3. A branch of pharmacology that is concerned with the movement of drugs through the body
 5. Means "pertaining to the apex"
 9. A cancer of blood-forming tissues
 10. A group of abnormal cells that remain in the place where they first formed. Also called stage 0 disease.
 11. Growth factor that has dual action as a tumor promoter and suppressor
 12. The study of the causation of a disease
 13. The genetic alteration of a cell

14. Small glands on top of each kidney that produce hormones
 17. The presence of an abnormal number of chromosomes in a cell
 18. Cells that do not stop dividing
 19. Protein kinases that depend on cyclins and regulate the cell cycle
 21. Genes in different species that evolved from a common ancestral gene
 22. An increase in tissue as a result of cell proliferation

Down

1. The ability to give rise to all cell types in the body. The ability to give rise to several distinct biological responses.

4. A condition where a cell has one or more than one complete set of chromosomes
 6. A family of proteins that activate cyclin-dependent kinases
 7. A hormone that plays a role in the development of male characteristics
 8. The process by which a less specialized cell becomes a more specialized cell type
 15. What tumor suppressor gene controls passage through the R point in the cell cycle?
 16. The point in G1 where the cell becomes "committed" to the rest of the cell cycle.
 20. The number of complete sets of chromosomes in a cell

Word Bank

Adrenal gland	Leukemia	Etiology	Pluripotency
CIS	Ploidy	Hyperplasia	Androgen
Apical	Differentiation	R point	Orthologs
TGF-B	Immortalized	Euploidy	Aneuploidy
Cyclin-dependent kinases	Pharmokinetics	Rb	Transformed
Plasma cells	Cyclins		