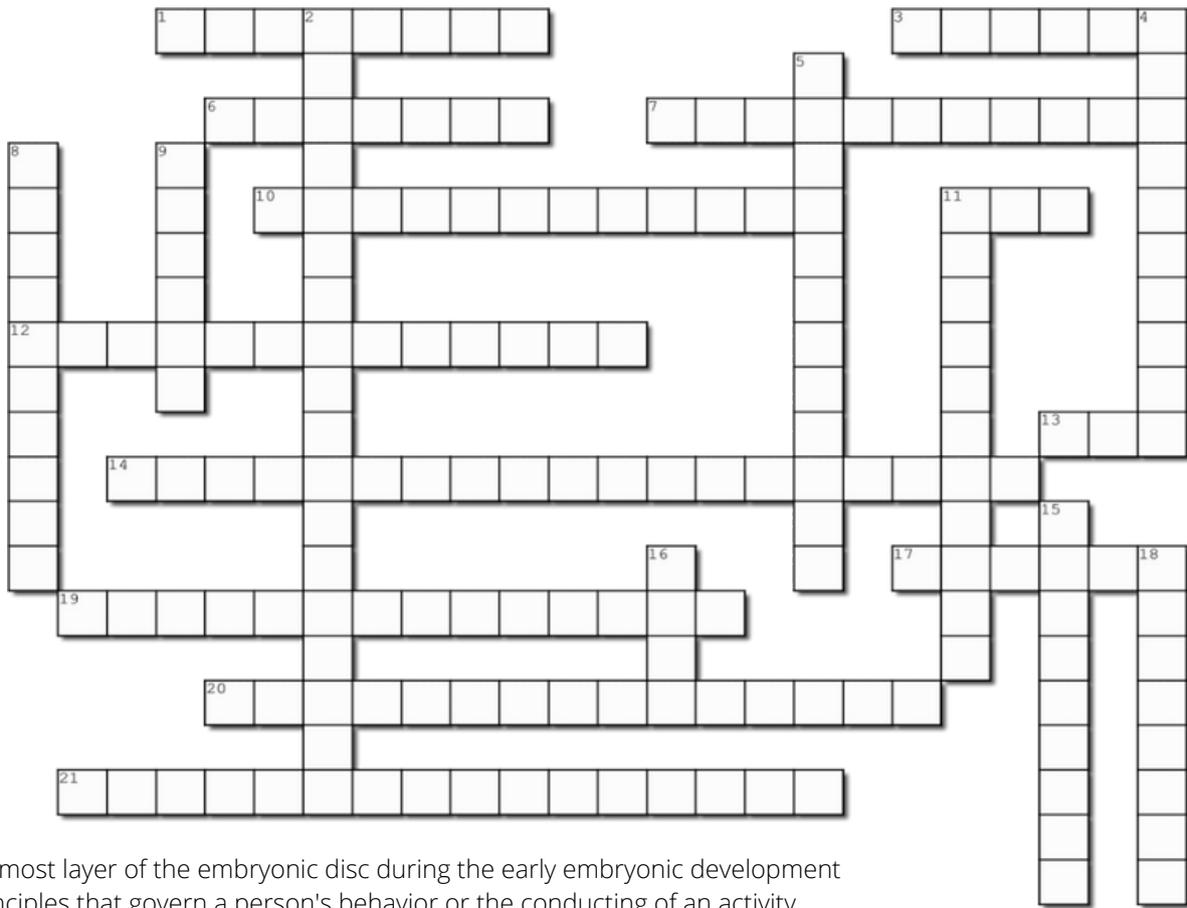


Dr. Rossant Presentation



Across

1. The outermost layer of the embryonic disc during the early embryonic development
3. Moral principles that govern a person's behavior or the conducting of an activity
6. Cloning is a technique scientists use to make exact genetic copies of living things
- *7. A celebration of excellence. The Nobel Prize is considered the most prestigious award in the world in its field.
- *10. The removal of cells from an animal or plant and their subsequent growth in a favorable artificial environment.
11. A Doctor of Philosophy is the most common degree at the highest academic level awarded following a course of study.
12. The first epithelium to appear during mammalian embryogenesis
13. National Academic Guidelines
- *14. An increase likelihood of developing a particular disease based on a person's genetic makeup
17. It is the complete set of genetic information in an organism provides all the information the organism requires to function

Down

- *2. Is the foundation of knowledge and discovery that ultimately improves patient care
- *4. The body's raw materials — cells from which all other cells with specialized functions are generated.
- *5. Is a group of technologies that give scientists the ability to change an organism's DNA.
8. The fifth or sixth day after fertilization the egg -a rapidly dividing ball of cells. The inner group of cells will become the embryo
9. A genetic engineering technique in molecular biology by which the genomes of living organisms may be modified.
11. The ability for a cell to differentiate into all derivatives of the three primary germ layers: ectoderm, endoderm, and mesoderm
15. A general opinion shared by all the people in a group
16. The basic physical and functional unit of heredity
18. Embryonic stem cells
- *19. A specific sequence of DNA at a known location on a chromosome
- *20. The process by which the information encoded in a gene is used to direct the assembly of a protein molecule
- *21. The branch of medicine that develops methods to regrow, repair or replace damaged or diseased cells, organs or tissues.

*** means two words, leave a crossword space between words**