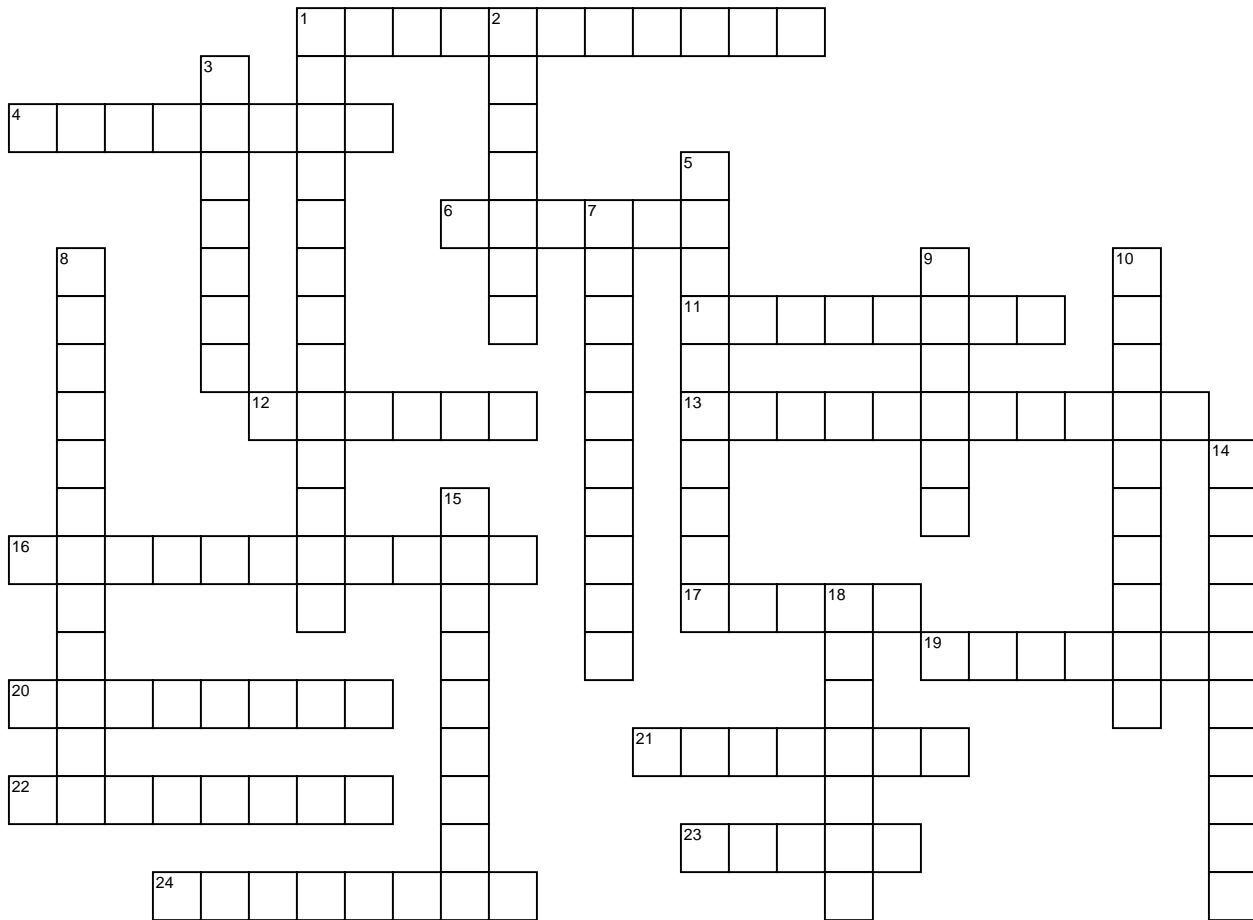


Roland-Story Biology

Lesson 5.4 -- Pathogens Prevented



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ACROSS

- 1 – In, into, or from within a vein or veins.
- 4 – Having resistance to the action of something, such as a disease. It may be inborn, may result from exposure to a disease, from having had a disease, or from having received an injection of immune serum.
- 6 Injury or diseased condition of tissues or organs.
- 11 To render an animal resistant to disease by vaccination or inoculation
- 12 The type of immunity in animals where the animal plays a part in the development of that immunity.
- 13 Introduction into healthy plant or animal tissue of microorganisms to produce a mild form of the disease, followed by immunity.
- 16 A process of injecting controlled amounts of microorganisms into an animal
- 17 The passing of bacteria, microorganisms, or other harmful substances indirectly from one patient to another through improper or unsterile equipment, procedures, or products.
- 19 i A kind of immunity acquired by animals when they are injected with antibodies against some disease.
- 20 Immunization that is manufactured from altered versions of pathogens. A ___ live vaccine.
- 21 A substance that contains live, modified, or dead organisms or their products that is injected into an animal in an attempt to protect the host from a disease caused by that particular organism.
- 22 To draw by suction.
- 23 The thickness or diameter of various, usually thin, objects.
- 24 The very specific biological substance that the body itself manufactures to combat specific diseases following an attack of a disease or following a vaccination.

DOWN

- 1 Within the muscles.
- 2 Localized collection of pus in a cavity formed by the disintegration of tissue.
- 3 Any substance that stimulates the formation of antibodies when it is introduced into the body.
- 5 Germ-killing substance produced by a bacterium or mold.
- 7 Science or study of immunity and its factors.
- 8 Situated or occurring beneath the skin.
- 9 Immunization that is manufactured from dead versions of pathogens.
- 10 A hollow needle used to inject solutions.
- 14 The act of preventing; effectual hindrance.
- 15 An animal, carcass or food that has been declared unfit for human consumption.
- 18 A small device fitted with a piston for drawing in a quantity of fluid or for ejecting fluid in a stream, for cleaning wounds, injecting fluids into the body, etc.