

Quizlet

Concurrent Science

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Terms in this set (50)

In which of the following organ does meiosis occur?	ovaries
While playing basketball, player injures his achilles tendon. Which of the following types of tissue was injured?	connective tissue
Which of the following cell has the ability to engulf other cell?	Macrophages
Which of the following is generally expected to be true about birth rates in high infant mortality?	variable compared to death rate
Which of the following is the contraction phase of cardia cycle?	Systolic phase
Viruses can cause cancer	Genes that regulates division are found in some visuses
Which of the following is correct regarding the pH scale?	A substance with a pH of 3 is 10 times as acidic as a substance with a pH of 4
Which of the following substances is excreted by sweat glands in reponse to the break down of proteins and the formation of ammonia?	urea
Which of the following correctly shows the order in which the filtrate moves through the structures of the nephron?	Proximal tubule loop of hente distal tubule collecting duct
The system of interconnected tubes involved in protein production is called	Rough Endoplasmic Reticulum.
Which of the following is the first step a researcher should take before experimentation begins?	Generate a hypothes
function of golgi apparatus	packaging proteins into vesicles prior to secretion

Scientist rely on which of the following to provide critical feedback when revising scientific explanations?	Peer Review
Which of the following types of membrane is associated with the skin?	an epithelial membrane; also called cutaneous membrane; connective tissue
If damage occurs to the alveoli of the lungs, which of the following is true?	Blood would not return from the lungs to the heart or forces carbon dioxide out of the body
Which of the following body systems primarily produces hormones?	Endocrine system
Breakdown of NADH Reaction?	During the breakdown of pyruvate, electrons are transferred to NAD^+ to produce NADH, which will be used by the cell to produce ATP. ---- the question will give you a chemical reaction on it; so the answer is Reduction of NADH
Which of the following organic compounds are used to manufacture steroid hormones in the body?	cholesterol
Lithium has an atomic number of 3. What is the number of protons in a lithium atom?	3
The insulating sheath that facilitates rapid movement of the action potential down the axon is known as which of the following?	myelin
What is the function of ADH?	stimulates the kidney to reabsorb water and Na^+ , decreasing blood volume
Which of the following hormones increase the heart rate in response to stress?	Epinephrine
Which of the following hormones regulates blood calcium levels in the body?	Parathyroid hormone
Which of the following types of bonds link base pair nucleotides within a double strand of DNA?	hydrogen bonds
A researcher is gathering large amount of data about patients who have common disease and effectiveness of various medications in comparison to placebo. Which of the following type of graph is the best way for the researcher to present the data?	bar graph

<p>An equal mass of which of the following states of matter could completely fill both a 100mL or 500 mL container?</p>	<p>gas</p>
<p>Which of the following distinguish endocrine and exocrine glands from one another?</p>	<p>the presence or absence of ducts</p>
<p>A scientist has noted a possible relationship between a certain chemical substance found in fish and the occurrence of kidney failure in human. Which of the following preliminary steps should the scientist take before conducting a controlled experiment?</p>	<ul style="list-style-type: none"> - analyze the cause and effect relationship between the chemical substance and the outcome - cause and effect
<p>Which of the following is the sphincter muscle that regulates the movement of chyme into the small intestine?</p>	<p>pyloric sphincter</p>
<p>Which of the following structures is severed and tied off as part of a vesectomy procedure?</p>	<p>vas deferens</p>
<p>Which of the following chemicals released by one type of immune cell to directly activate another type of immune cell?</p>	<p>Cytokines</p>
<p>After crossing two tall pea plants, scientist notes that approximately 3/4 are tall, while approximately 1/4 are short. The scientist is noting the offspring</p>	<p>Phenotype</p>
<p>Which of the following portions of neuron transmits neurotransmitters ?</p>	<p>Axon</p>
<p>which of the following best describes protection from antigens due to passage immunity?</p>	<p>a mother passes antibodies to her Child through breastmilk</p>
<p>Once ovulation occurs, the corpus luteum forms. Which of the following describes the function of the corpus luteum?</p>	<p>The corpus luteum secretes progesterone to thicken the endometrium of the uterus. -a follicle cell develops into this after ovulation; secretes estrogen and progesterone;degenerates if fertilization does not occur</p>
<p>Which of the following is the primary function of red blood cells?</p>	<p>carrying oxygen to other body cells</p>
<p>Which of the following occurs when the diaphragm contracts?</p>	<p>The thoracic cavity increases in volume</p>

A student is comparing four different types of cells and observes that one contains more mitochondria than others. This student should conclude that the cell with the greatest mitochondria is most likely which of the following?	muscle cell
Blood clotting involves which of the following proteins ?	fibrinogen
The process of cephalization allows for which of the following	localizing sensory organs
Which of the following structure is shared by the male urinary and genital system ?	urethra
A doctor explain that a patient has pulled a muscle in his back. Which of the following muscles have been injured in the patient's back?	Latissimus dorsi

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Study



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In a hypertonic solution, water flows through aquaporin in embedded in the plasma membrane of the cell. This type of transport is best known as which of the following?	osmosis
Which of the following describes how RNA and DNA are used in mitosis?	Leads to synthesis of proteins that assist in cell replication.
Which of the following is the term for the gap between two nerve cells?	synaptic cleft
Which of the following occurs when the thyroid gland releases calcitonin?	building of the bone occurs
Which of the following processes causes most of the carbon dioxide from the blood?	diffusion down a concentration gradient
A scientist predict that germinating beans will use more oxygen that no germinating beans. This prediction is referred to as:	Hypothesis
Which of the following is a hinge joint?	Jaw