MedQuiz

Have you read all the articles? Test yourself and see how well you understood the articles by answering the questions below.

1. The virus with the largest usable genome is

a. lentivirus
b. adenovirus
c. herpes simplex virus
d. Adeno-associated virus
e. spumavirus

2. The two strategies of infecting a host used by the adenovirus are called

a. trascriptional targeting and the amplicon delivery system
b. transductional targeting and transcriptional targeting
c. transductional targeting and the amplicom delivery system
d. inserting the therapeutic gene into the virus' genome and the amplicom delivery system
e. inserting the therapeutic gene into the virus' genome and the transcriptional targeting

3. Which of the following is not a way to assess the growth of prostate cancer?

a. gleason grades
b. physical examinations and radiological tools (e.g. MRI)
c. PSA levels
d. digital rectal exam

4. Which of the following bones does prostate cancer have an affinity for growing in?

| I. | Femur | II. | Spine | III. | Fibula |
| IV. | Humerus | V. | Tibia | | |

a. I, IV, V
b. III, II, IV
c. I, II, IV
d. II, III, IV

5. Which of the following is not limited to the use of metaphase chromosomes for analyzing phenotypic differences?

a. routine G-Banding
b. FISH Molecular Cytogenetics
c. Comparative Genome Hybridization
d. agarose gel electrophoresis

6. Array CGH is not capable of which of the following?

a. providing information as to the ploidy or location of rearranged sequences
b. detecting genome duplications
c. finding differences in exact single nucleotide polymorphisms
d. detecting gene amplifications

7. Evidence-based medicine places emphasis on
a. pathophysiological knowledge
b. clinical expertise
c. medical literature
d. community health

8. A randomized control trial with good methodology will include all of the following except:

a. allocation concealment
b. randomization
c. loss to follow-up
d. sufficiently large sample size

9. Midday naps may help to reduce the risk of which disease?

a. cervical cancer
b. breast cancer
c. Rett Syndrome
d. coronary disease

Answers: c,d,c,c,d,c,b,c,d

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