

pathology

Archive

Lecture 18

Neoplasia III

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1) A child is born with a single functional allele of a tumor suppressor gene. At the age of five the remaining normal allele is lost through a point mutation. As a result, the ability to inhibit cell cycle progression until the cell is ready to divide is lost. Which of the following neoplasms is most likely to arise via this mechanism:

- A. Breast ductal carcinoma
- B. Pulmonary small cell anaplastic carcinoma
- C. Ocular retinoblastoma
- D. Cerebral astrocytoma

Answer : C

2) All are true except?

- A. Initiation is not sufficient for tumor formation
- B. Promotion is not sufficient to cause tumor
- C. Initiation results from exposure to mutagenic

Answer: C

3) Which one of these related to the mammary cancer?

- A. HCG
- B. GI-MA
- C. Glycoprotein CA125
- D. Glycoprotein CA15-3

Answer: D

NOTE: This question was mentioned in the previous lecture (Neoplasia II)