

Online quiz 題庫之每個問題格式，請依照下列格式

What is the correct answer to this question?

- A. Is it this one?
- B. Maybe this answer?
- C. Possibly this one?
- D. Must be this one!

ANSWER: D

You determine that a protein has an attached polyubiquitin chain. It is likely that this protein will be?

- A) targeted to the lysosome for degradation
- B) targeted to the 26S proteasome for degradation
- C) included in insoluble toxic deposits known as amyloids fibers
- D) degraded by E1, E2, and E3 enzymes

ANSWER: B

下列有關 oxidative phosphorylation 之敘述，何者錯誤？

- A. 其為 high-energy phosphate 主要來源
- B. matrix 的 H<sup>+</sup>負責能量的傳遞
- C. oligomycin 抑制 F<sub>0</sub>
- D. 電子傳遞鏈以 proton pump 方式釋放能量

ANSWER: B

粒線體氧化磷酸化之去偶合 (uncoupling) 會造成下列何種現象？

- A) ATP 持續合成，但停止 O<sub>2</sub> 消耗
- B) ATP 不合成，但 O<sub>2</sub> 仍然消耗
- C) 抑制粒線體之所有代謝反應
- D) 抑制電子傳遞及 O<sub>2</sub> 之消耗

ANSWER: B