

題號： 338

國立臺灣大學 108 學年度碩士班招生考試試題

科目： 細胞生物學(C)

題號：338

節次： 6

共 1 頁之第 1 頁

1. Please briefly describe the three types of cytoskeleton, their cellular functions and cellular localizations **(45 points)**

2. Please briefly describe difference types of endocytosis **(30 points)**

3. What is primary cell and what is stable cell line? **(10 points)**

4. Proton motive force (PMF) is an important force/phenomenon during cellular respiration.
 - (1) What is PMF? **(5 points)**
 - (2) Where does PMF happen in the cell? **(5 points)**
 - (3) What can PMF be used for? **(5 points)** **(total 15 points)**

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