Language shortcut 1: Visual giveaway

Q: The green TOMM20 outer mitochondrial membrane protein localizes where?

A) Mitochondria
B) Nucleus
C) ER
D) Golgi

Why? The 'M' in "TOMM20" stands for 'mitochondria', so that's enough to answer the question.

Language shortcut 2: Weak distractors

Q: What is the localization of the green stain?

A) Mitochondria
B) Butane
C) The cell
D) Everywhere

Why? The LLM generates distractors that are not plausible (e.g., 'butane') and they can easily be eliminated

Language shortcut 3: Language bias

Q: For a study on Parkinson's disease, we stain a target green. Where does it localize?

A) Mitochondria
B) Nucleus
C) ER
D) Golgi

Why? 'Mitochondria' is the most plausible answer because the question mentions Parkinson's disease, which frequently studies mitochondrial dysfunction