

Key knowledge

Cell size, structure and function

1.1.1 *derivation of all cells from pre-existing cells through completion of the cell cycle*

1.1.1.1 According to cell theory where do all cells come from?

1.1.1.2 What is the purpose of cell reproduction?

1.1.1.3 Explain how the nucleus-to-cytoplasm ratio effects the cell size during the embryonic stage of cell growth?

1.1.1.4 Define apoptosis?

1.1.1.5 Define cell cycle?