

Which choice below best fits in the blank? In ___ cells, nothing separates the DNA from the ribosomes. Transcription is rapid, and translation is initiated even before mRNA transcripts are finished.

- A prokaryotic
- B eukaryotic
- C cancer

In prokaryotic cells there is no nucleus– the process of transcription is not physically separated from that of translation, as it is in eukaryotic cells.
Answer **A**.