

1. Which best describes bacterial ribosomes?

A. 50S and 30S subunits; made of rRNA and proteins; involved in translation of mRNA.

B. 60S and 40S subunits; made of rRNA and lipids; involved in transcription.

C. 50S and 30S subunits; made of tRNA and proteins; involved in transcription of DNA.

2. If an antibiotic such as tetracycline binds to a 30S ribosomal subunit, how does it harm the bacterium?

A. It interferes with transcription.

B. It interferes with DNA replication.

C. It interferes with translation.