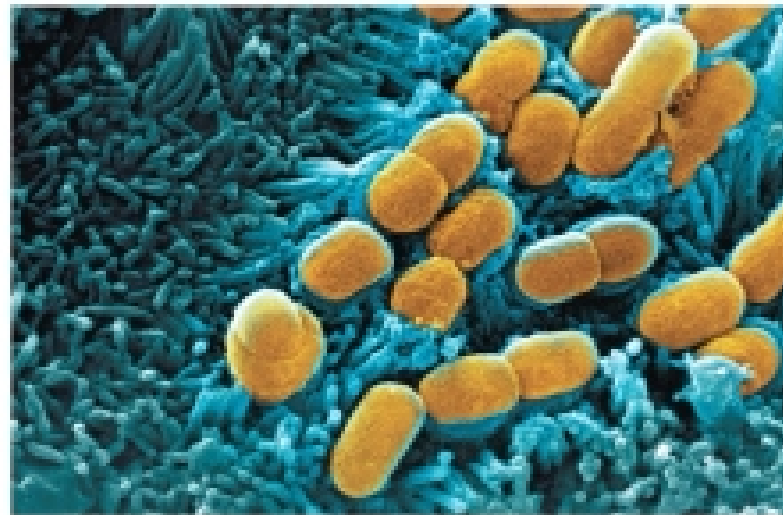


Chapter 17:

Gene Expression: Bacteria

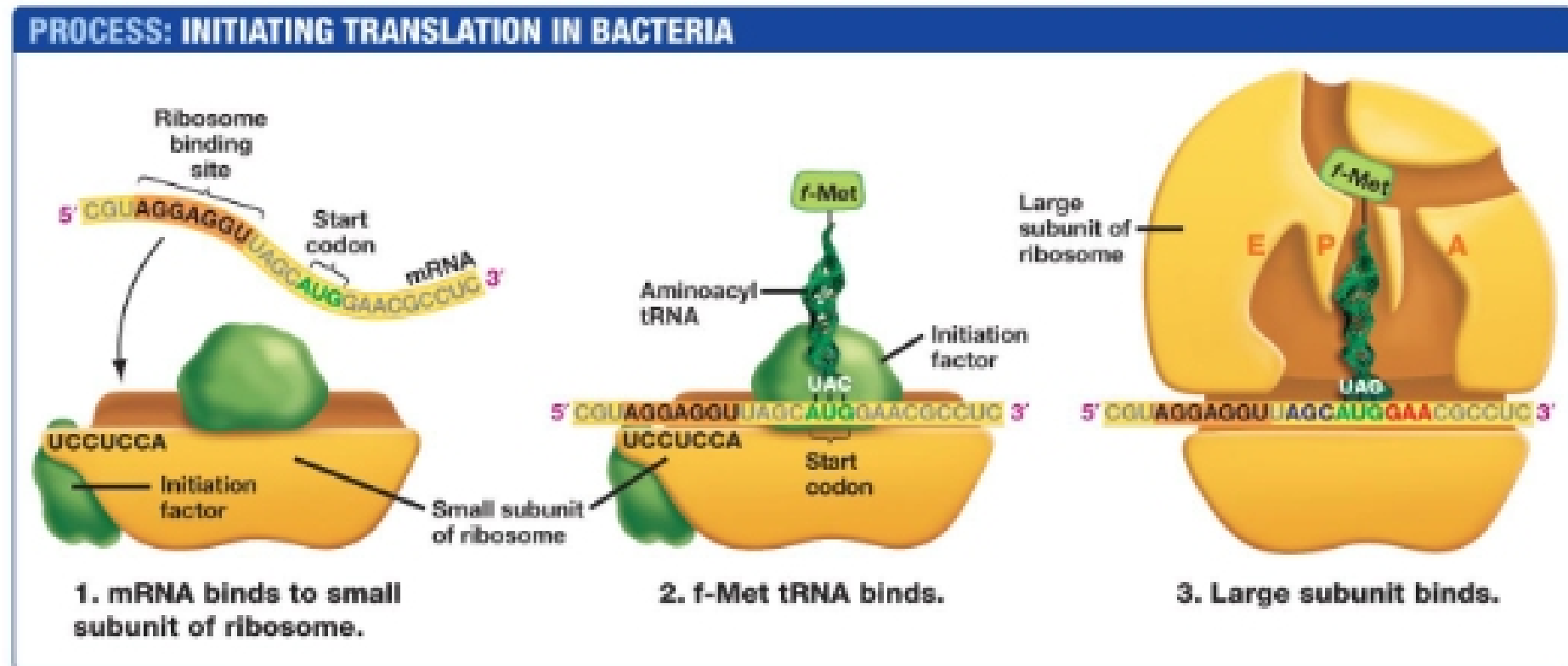
How do bacteria regulate which genes are expressed, in what amounts, and when?



Review

- Translation is the conversion of _____ into _____
- Translation begins with the sequence _____ and terminates with a _____ codon
- The amino acid of tRNA is attached with a _____ bond to the growing amino acid chain making up our protein
- Translation terminates when a _____ codon is reached in the ___ site recruiting a _____ factor

Initiating Translation



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- #1 - mRNA binds to small ribosomal subunit.
- #2 - Initiator aminoacyl tRNA binds to _____ codon carrying *f*-Met. The first codon is always AUG
- #3 - Large subunit binds completing the complex.