

10. Which came first: The chicken or the egg?

In the article “Making proteins” I discussed two very important molecular complexes: RNA polymerase and ribosome.

RNA polymerase has several functions. It copies DNA and produces messenger RNA (mRNA) which is sent to ribosome. It makes transfer RNA (tRNA) which is used as a label for amino acids and makes ribosomal RNA (rRNA) which is used to make ribosomes.

Ribosome makes proteins by joining amino acids in a chain as coded by mRNA.

These two molecules are essential for life and existed in the first cells.

However there is a question: **how did they originate?**

RNA polymerase is built from proteins. However to make proteins we need RNA polymerase to copy DNA and produce mRNA. Therefore we need RNA polymerase to make proteins which will be used to make RNA polymerase. So which came first?

There is a similar situation with ribosome which is built from rRNA and about 50 proteins. To make these proteins we need ribosome. Without proteins we cannot make ribosome which makes proteins. Again, which came first?

Ribosome is built from rRNA which are made by RNA polymerase. However RNA polymerase is built from proteins which are made by ribosome. Which came first?

Evolutionists try to solve this riddle by proposing that the first ribosomes did not need proteins to make proteins. However nobody has shown that this is possible.

The RNA polymerase origins are not discussed by evolutionists at all.