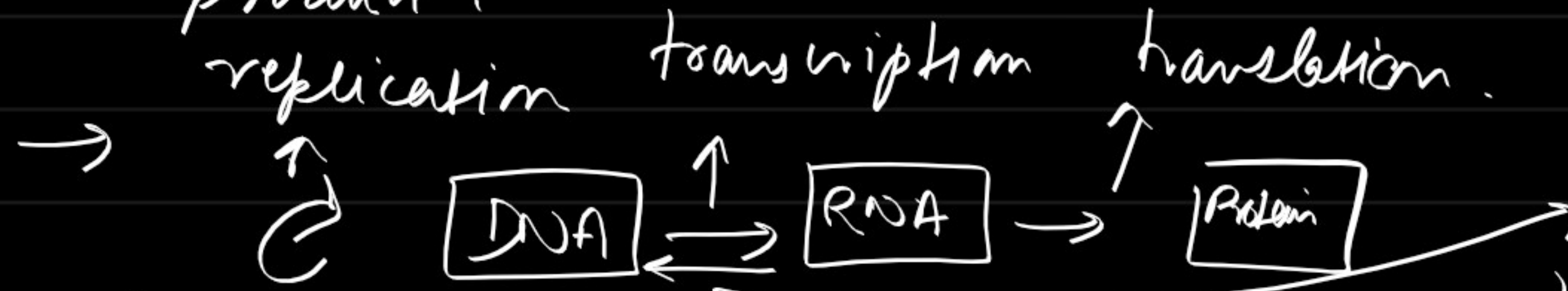


Central Dogma:

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- explains the flow of genetic information in biological systems
- process by which instructions in DNA converted to func. product
- ① states that DNA contains all info to make the proteins,
② RNA is a messenger that carries info to ribosomes
③ ribosomes serve as factories where info is 'translated' from code to func. product.



reverse transcription:
(after discovery of retroviruses)
→ make RNA into DNA
the retroviruses use enzyme "reverse transcriptase" to make RNA into DNA.

- ① replication: existing DNA to new DNA
- ② transcription: to make DNA to RNA
- ③ translation: RNA to protein