

Diagram referenced as "Polysome diagram"

Contributors

Arnott, Struther, 1934-

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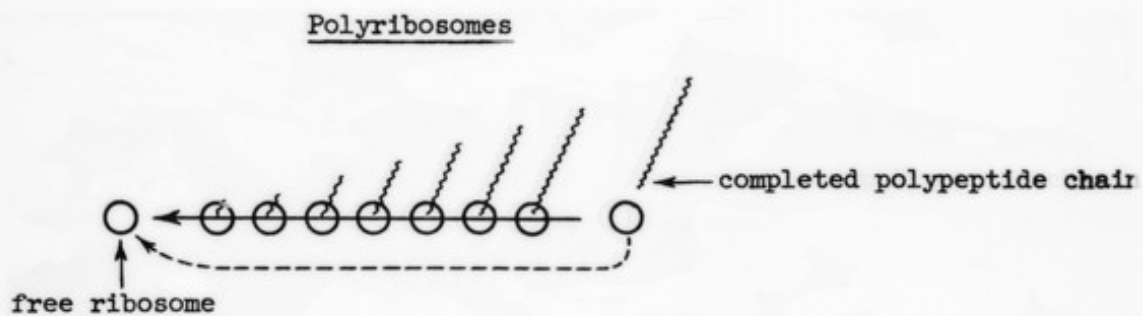
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GROWING POLYPEPTIDE CHAIN
FOLDED INTO ENZYMATICALLY
ACTIVE CONFIGURATION

Fig 5



- a) messenger (template) RNA moves over the site of protein synthesis
- b) each mRNA molecule has a unique length depending upon the number and molecular weights of its respective polypeptide products
- c) hence corresponding variation in the average number of ribosomes present on a given polyribosome