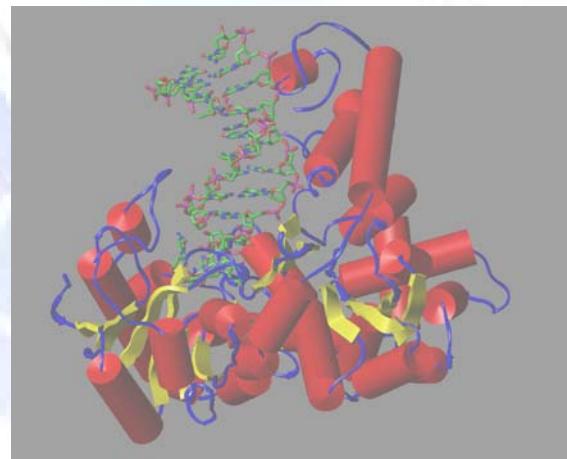


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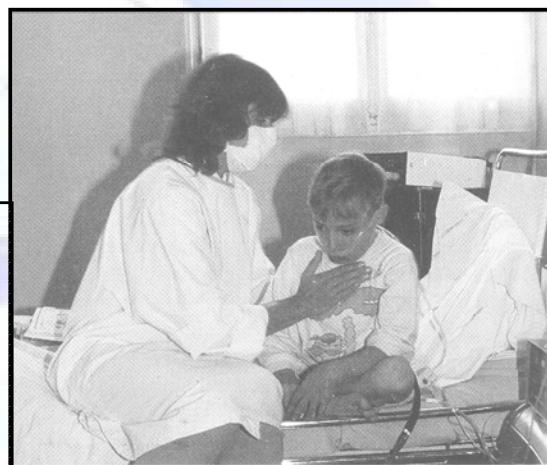
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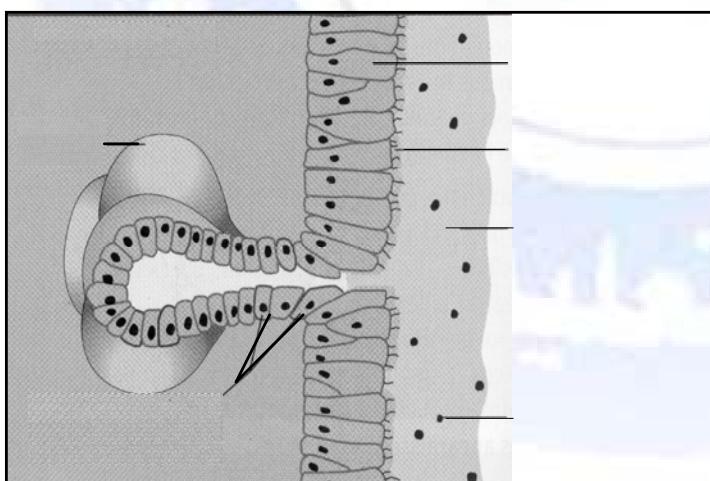
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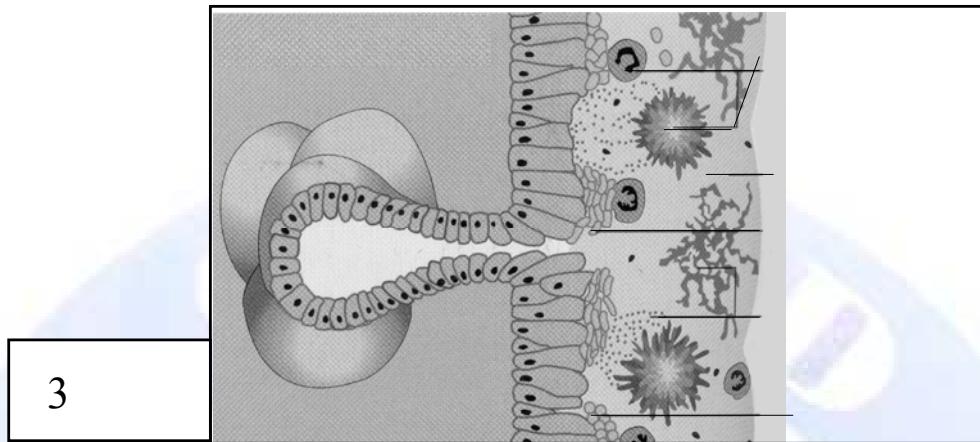


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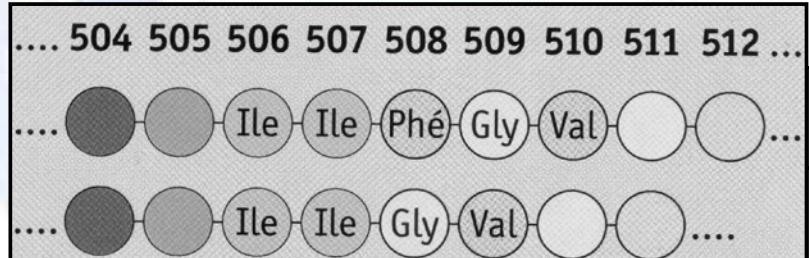
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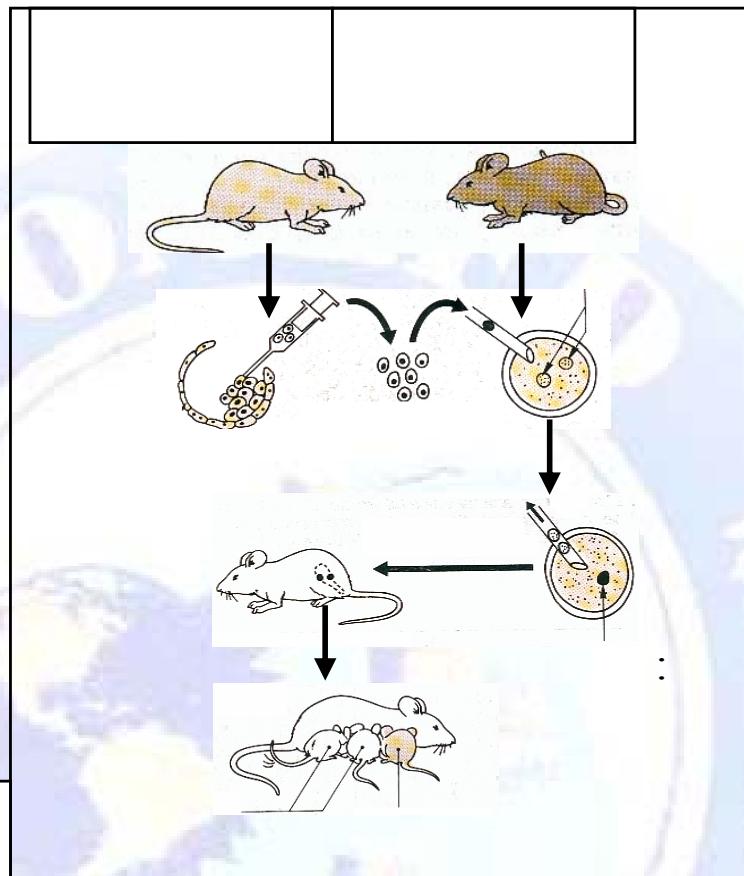
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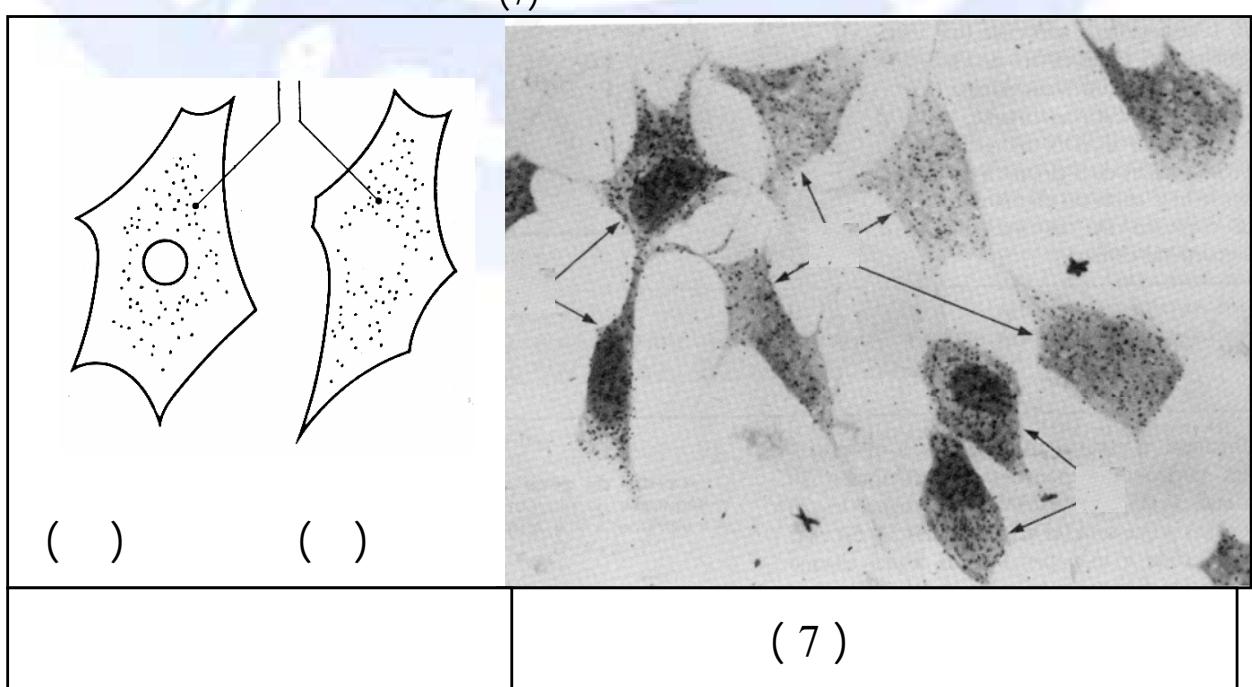
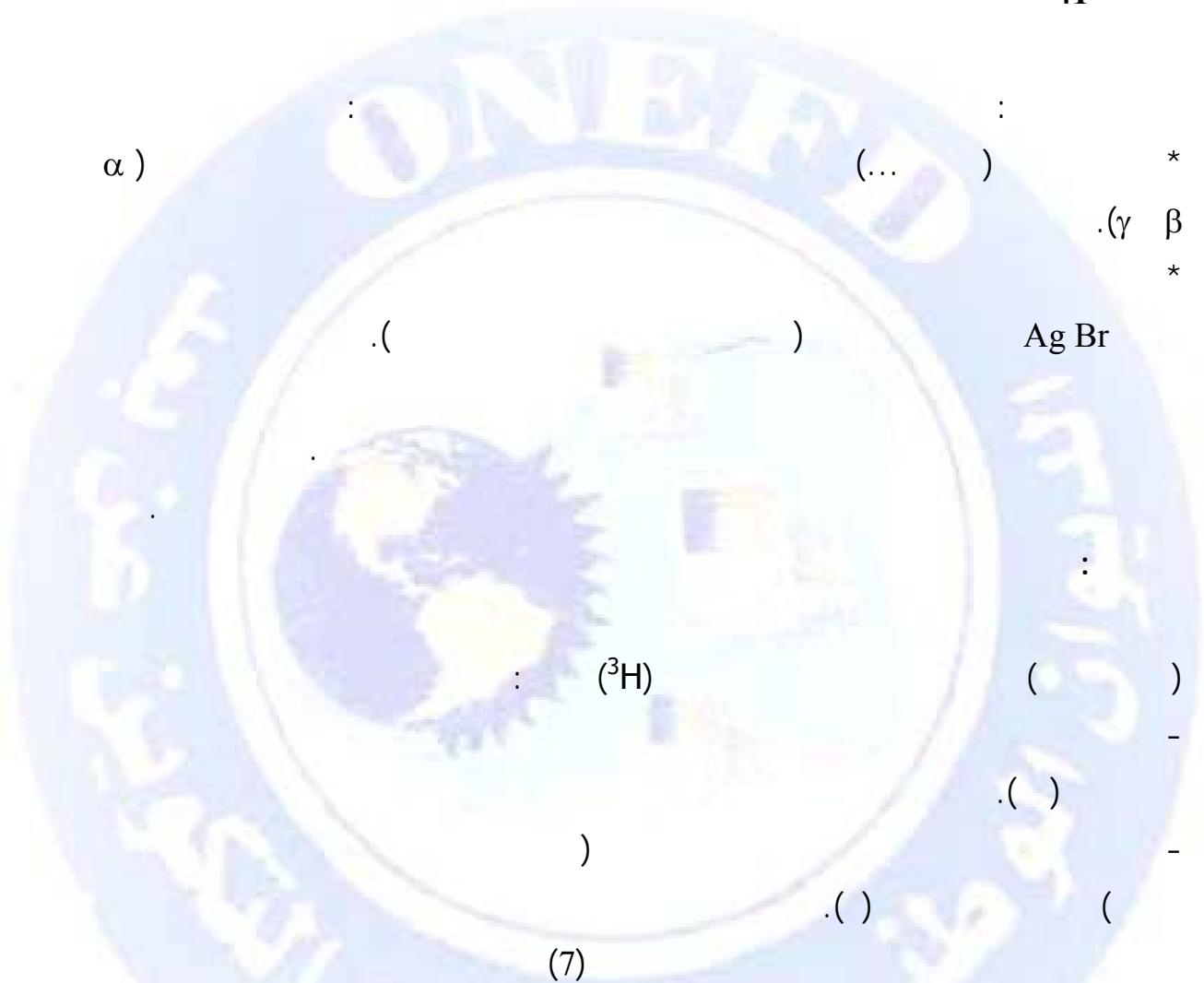
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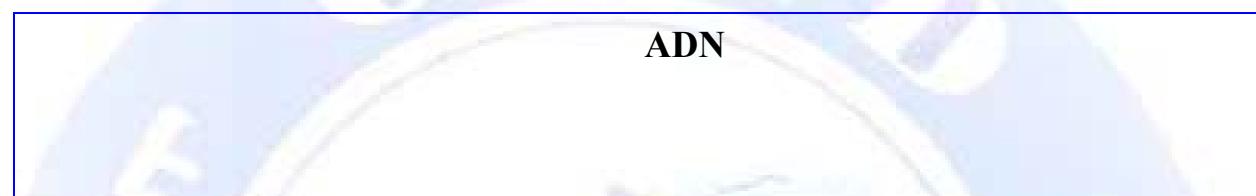
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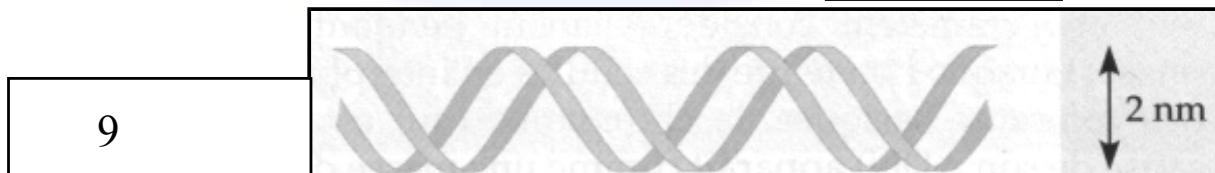
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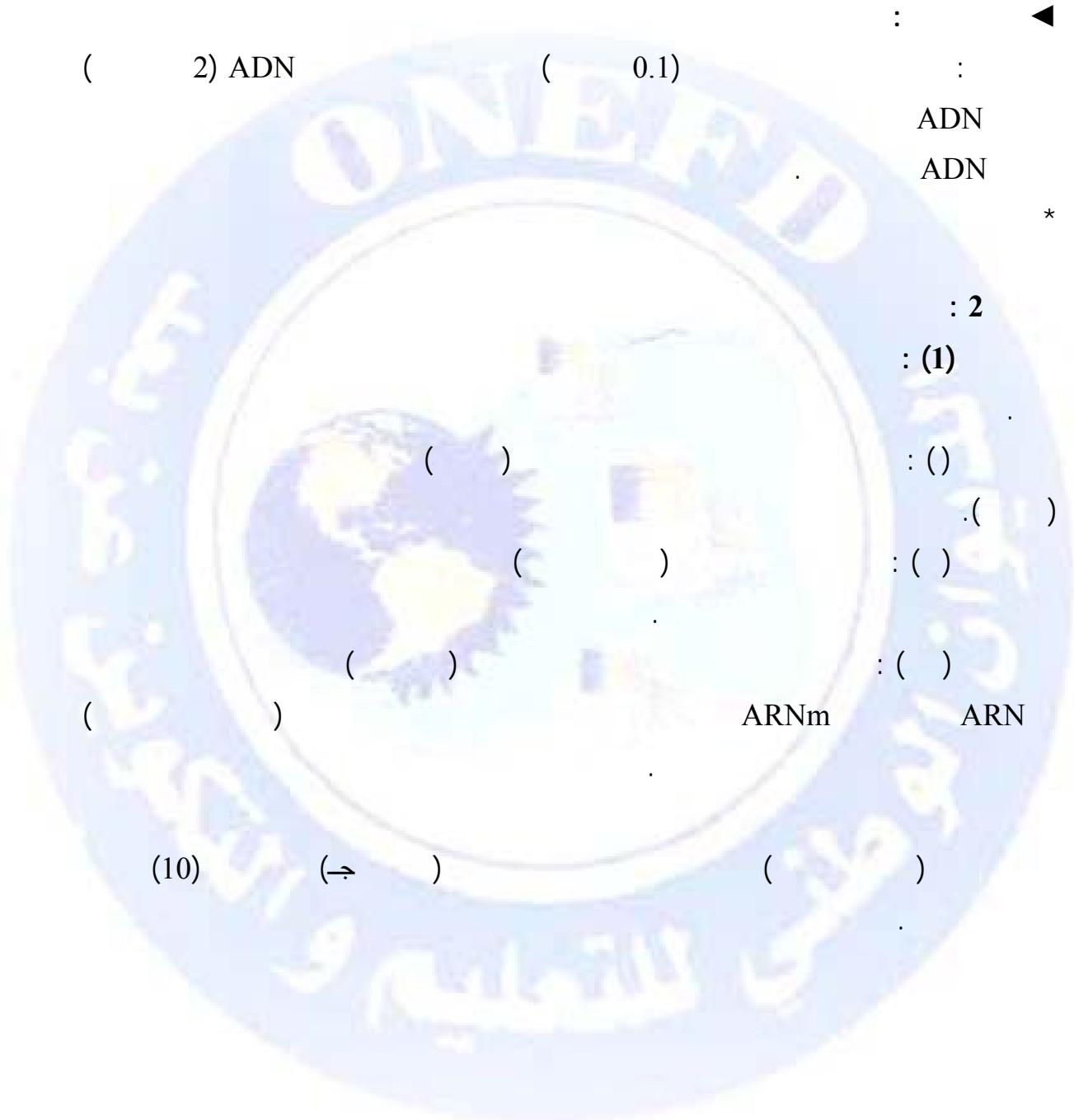
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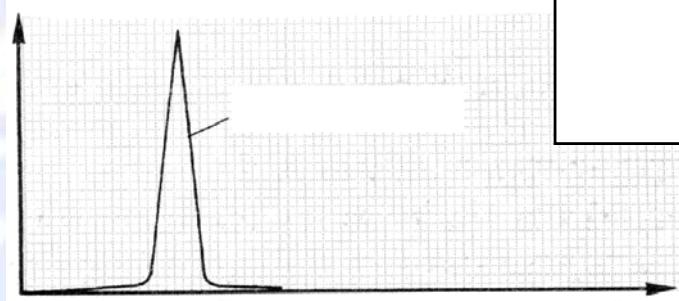


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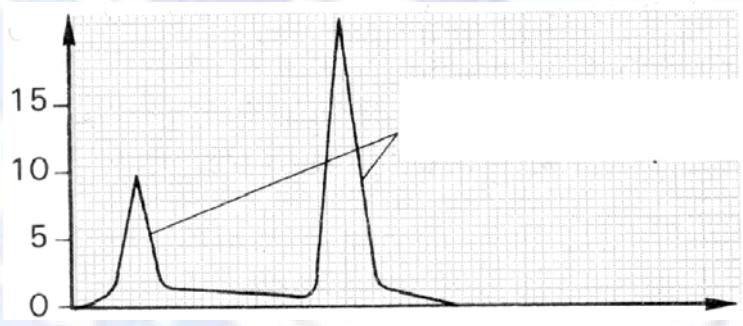




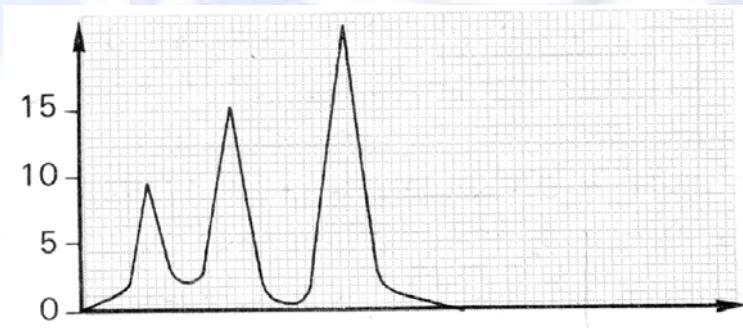
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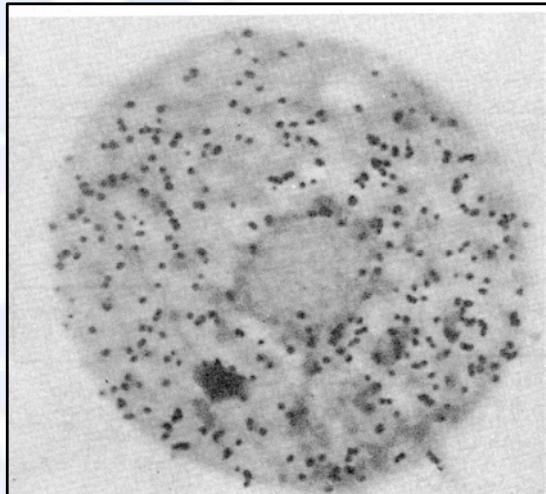
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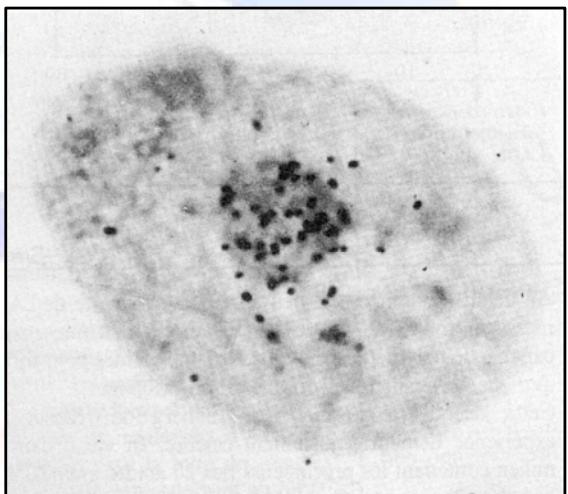
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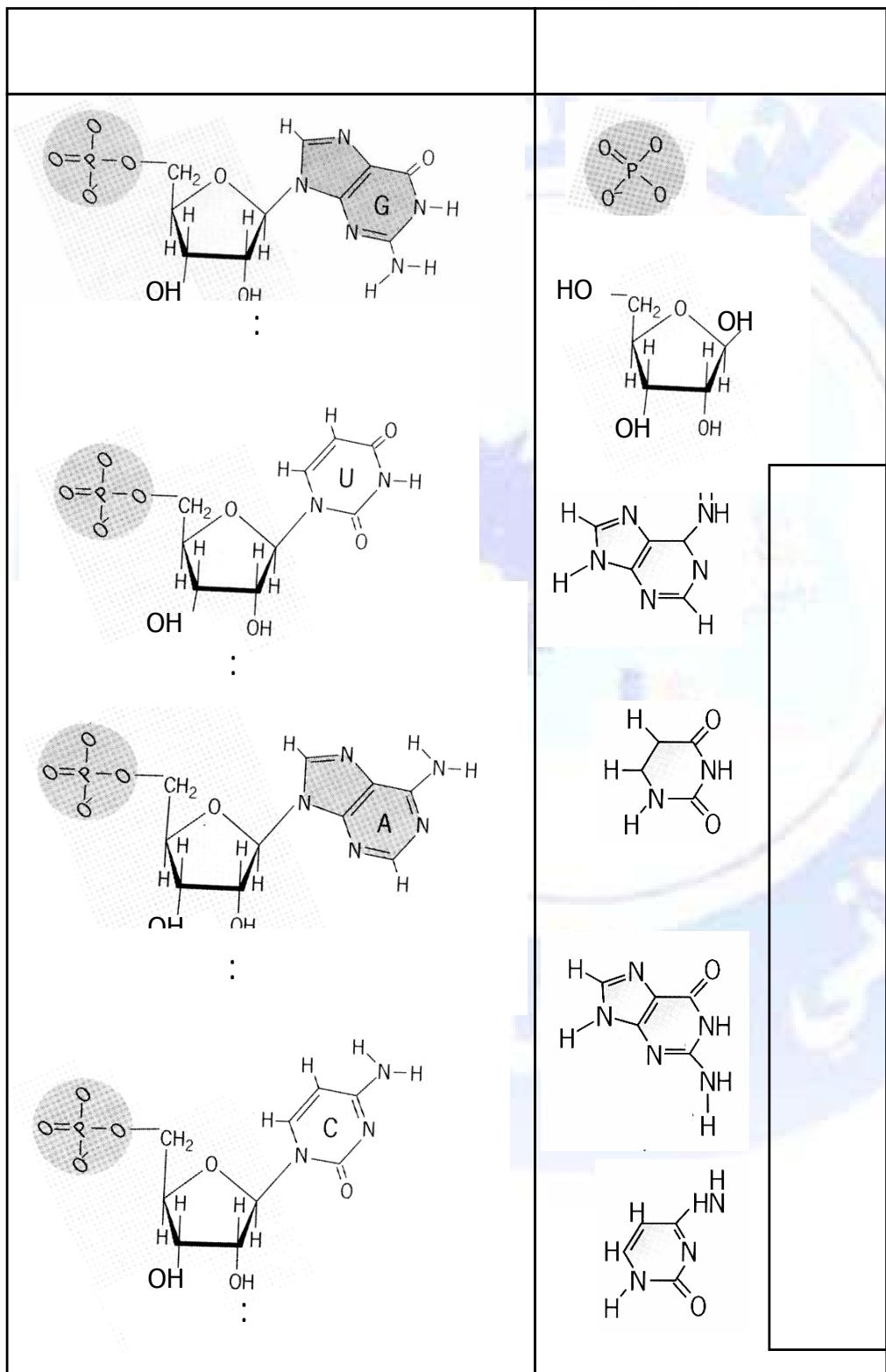
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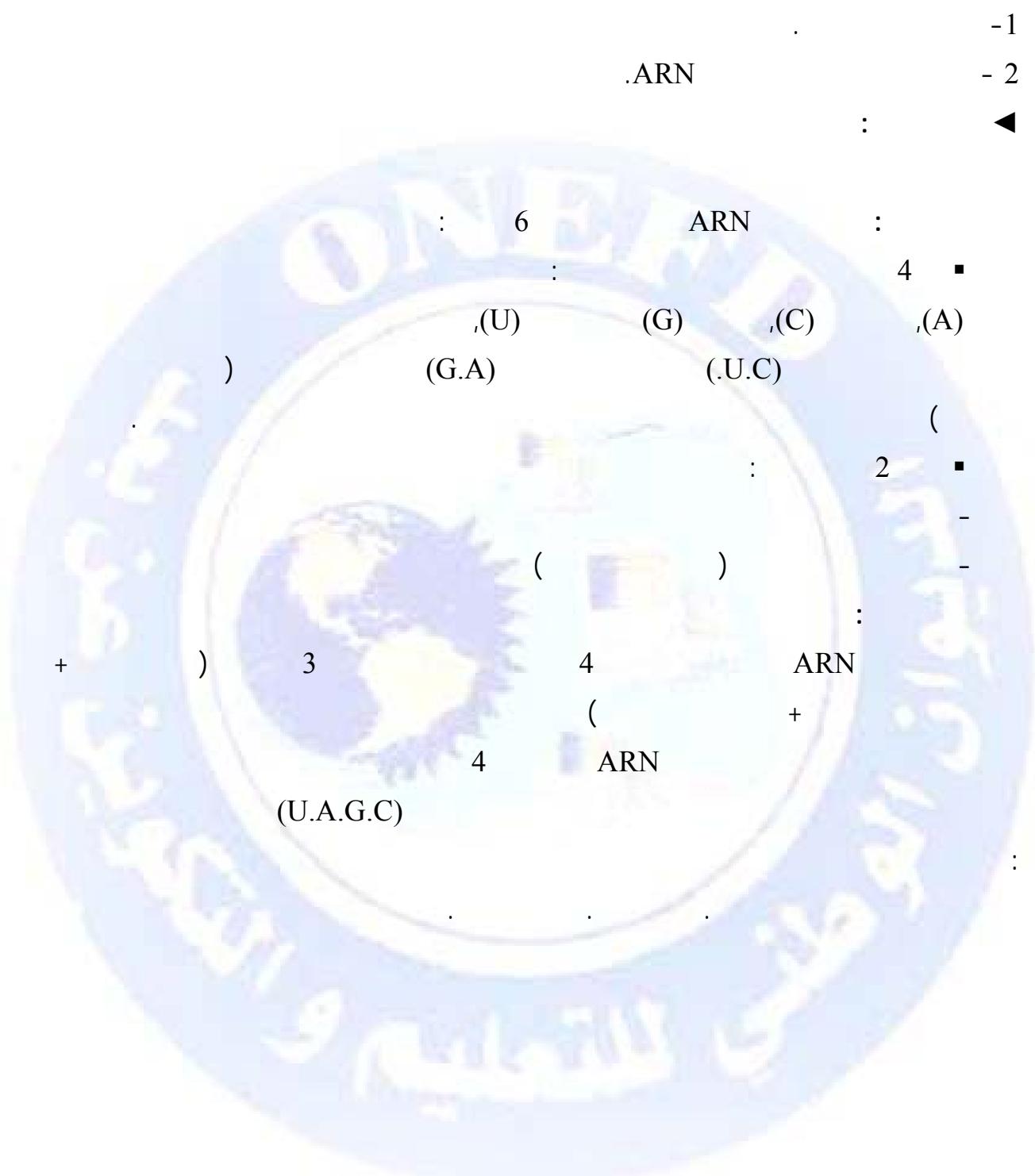
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([tryptophane]

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5'CGGCGACGCGCAGTTAATCCCACAGCCGCCAGTTCCGCTGGCGGCATT T-3'

→ 3'GCCGCTGCGCGTCAATTAGGGTGTGGCGGTCAAGGCGACCGCCGTAAA-5'

ARNm

5'CGGCGACGCGCAGUUAUCCACAGCCGCCAGUUCCGCUGGC GGCAUUU-3'

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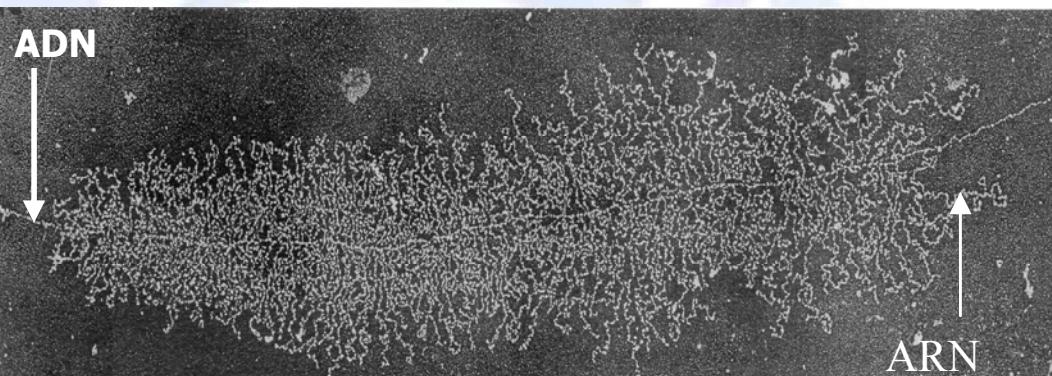
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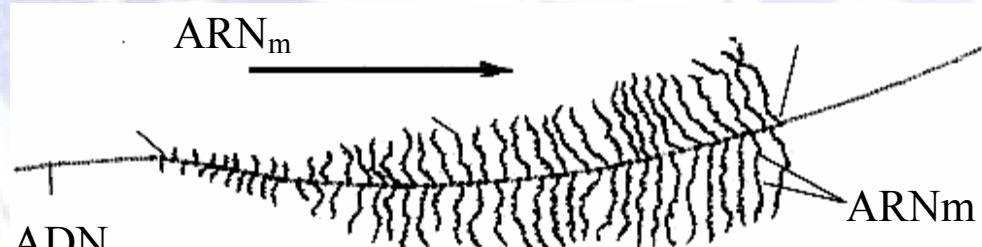
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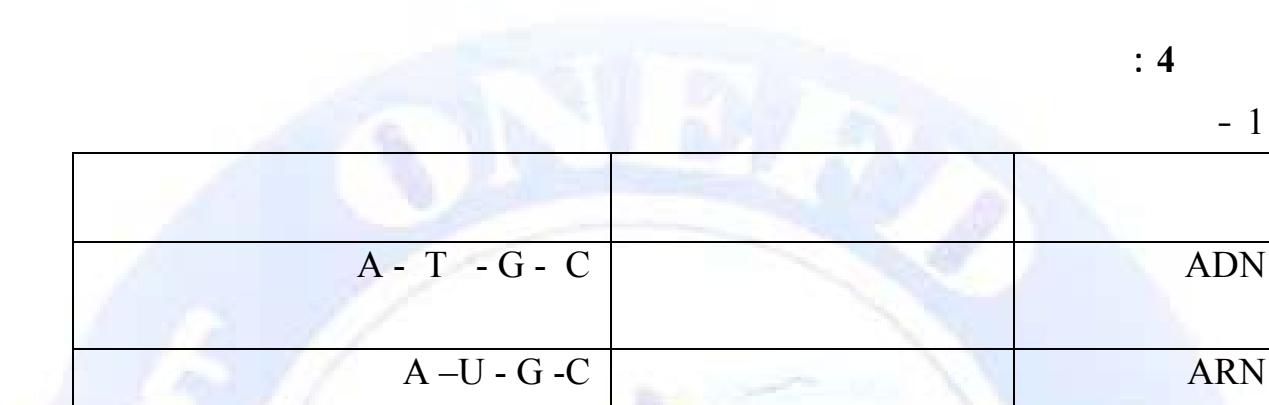
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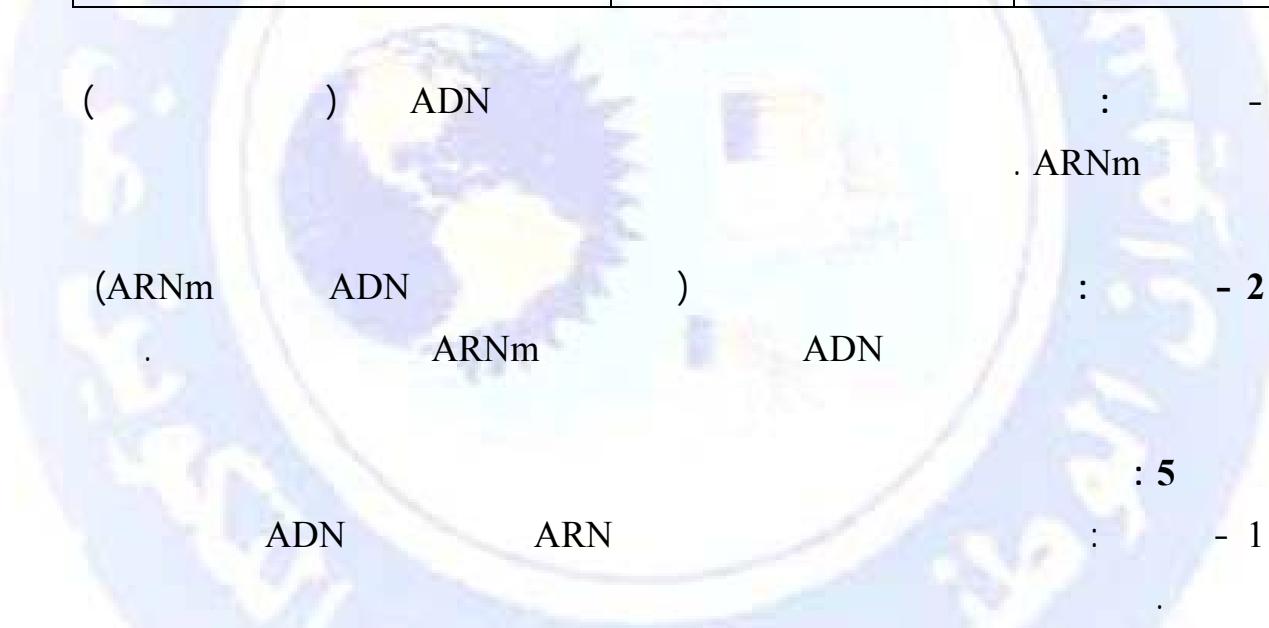
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ARNm



A diagram of a ribosome subunit, likely 30S, showing a single tRNA molecule (blue) with a 3'CCA end (yellow) inserted into a P-site (peptidyl site) on the rRNA (grey). The rRNA has several internal loops and a central stalk.

A - T - G - C		ADN
A - U - G - C		ARN

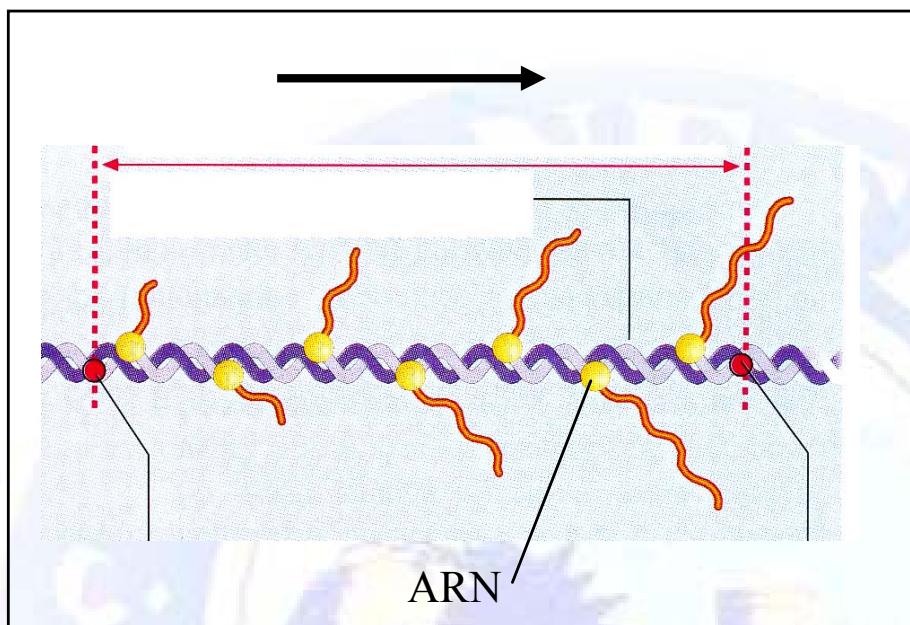


A diagram of a ribosome subunit showing three tRNA molecules (blue) with 3'CCA ends (yellow) inserted into P-sites on the rRNA (grey). The subunit is shown in a more complex, folded state compared to the previous diagram.

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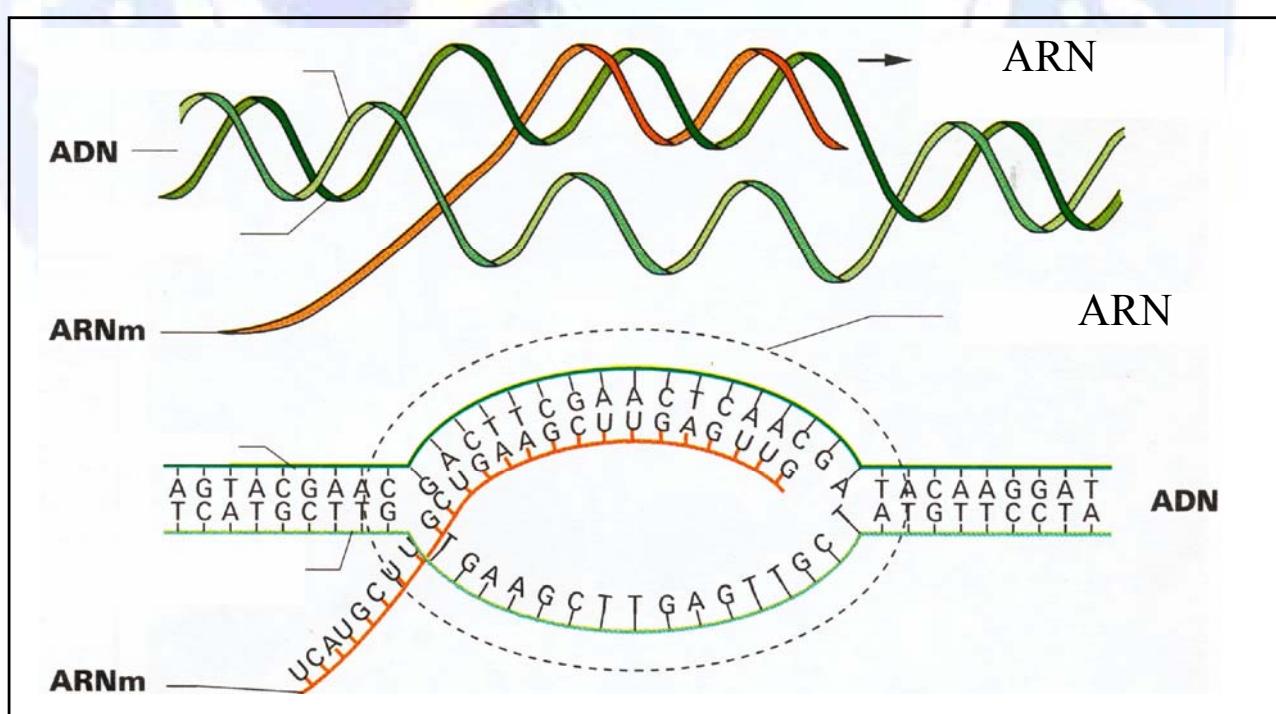
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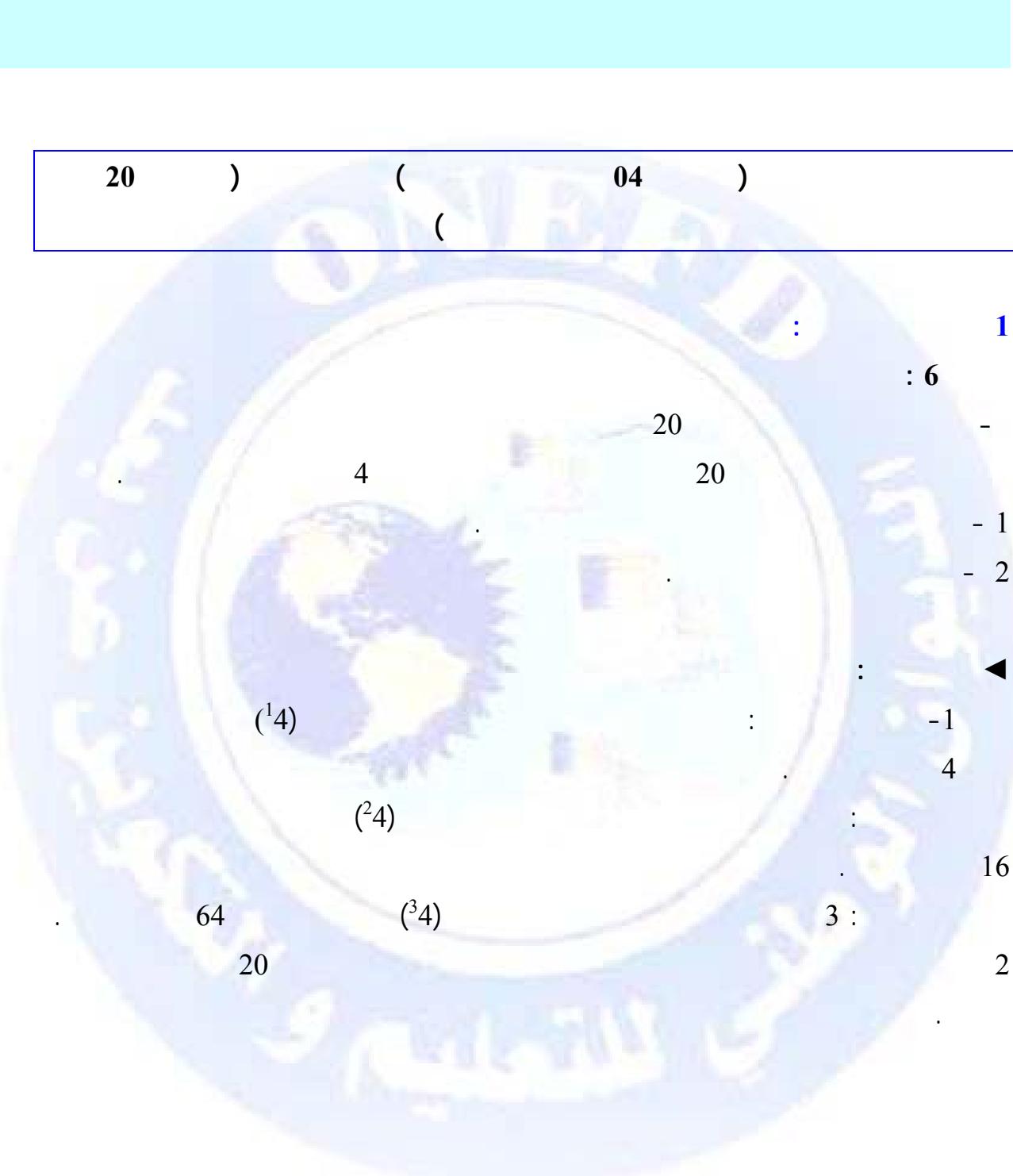
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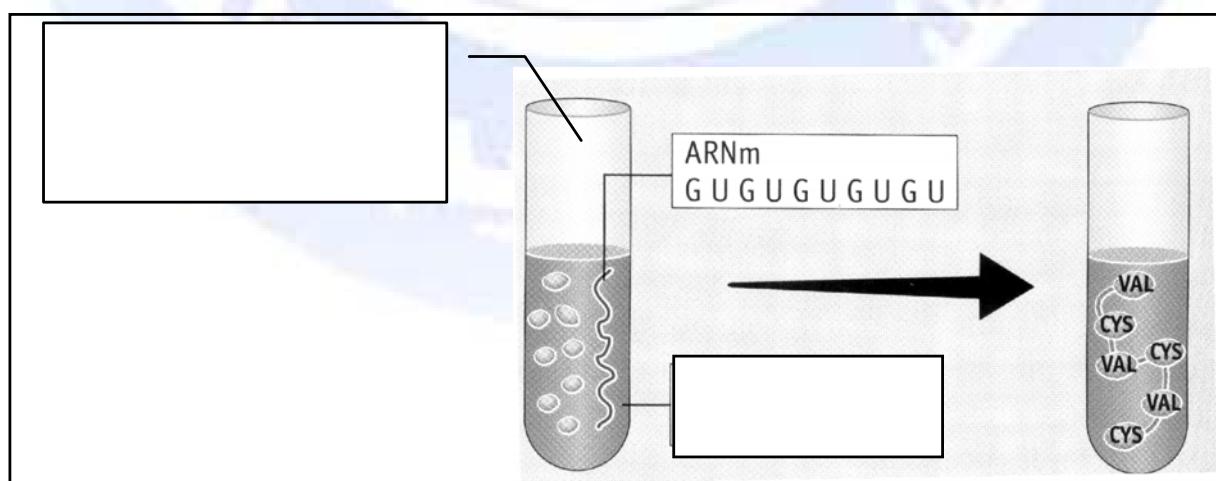


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20	$16 = {}^24$	2	
20	$64 = {}^34$	3	

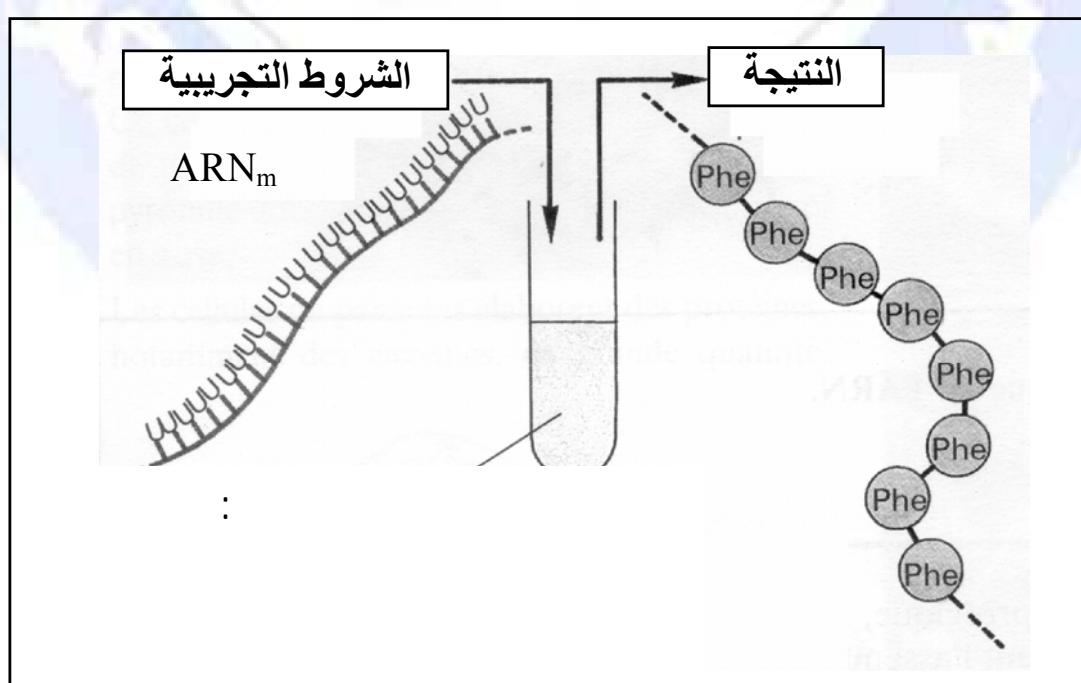
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		U	C	A	G		
		UUU	UCU	UAU	UGU	U	
U		UUC	UCC	UAC	UGC	C	
UUA			UCA	UAA	UGA	A	
UUG			UCG	UAG	UGG	G	
		CUU	CGU	CAU	CGU	U	
C		CUC	CGC	CAC	CGC	C	
CUA			CGA	CAA	CGA	A	
CUG			CGG	CAG	CGG	G	
		AUU	ACU	AAU	AGU	U	
A		AUC	ACC	AAC	AGC	C	
AUA			ACA	AAA	AGA	A	
AUG			ACG	AAG	AGG	G	
		GUU	GCU	GAU	GGU	U	
G		GUC	GCC	GAC	GGC	C	
GUA			GCA	GAA	GGA	A	
GUG			GCG	GAG	GGG	G	

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UAA . UAG . UGA . CGU . CGC

CGA . CGG . CAU . CAC

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(UGA- UAG -UAA) - 1
(CGA - CGG -CGU - CGC) -
(CAU - CAC) -
(AUG) - 2
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ARNm		AUA GAA UAC UUU GGU GGA ACU AAA CGG								
		Ile Glu Tyr Phe Gly Gly Thr Lys Arg								
		②								
ARNm		UAC CAC GUG GAC UCA GGA CUC CUC UUC								
		Tyr His Val Asp Ser Gly Leu Leu Phe								
		③								
ARNm		CUC CUC UUC GAG ACG GCA AUG ACG GGA								
		Leu Leu Phe Glu Thr Ala Met Thr Gly								

18

ARNm

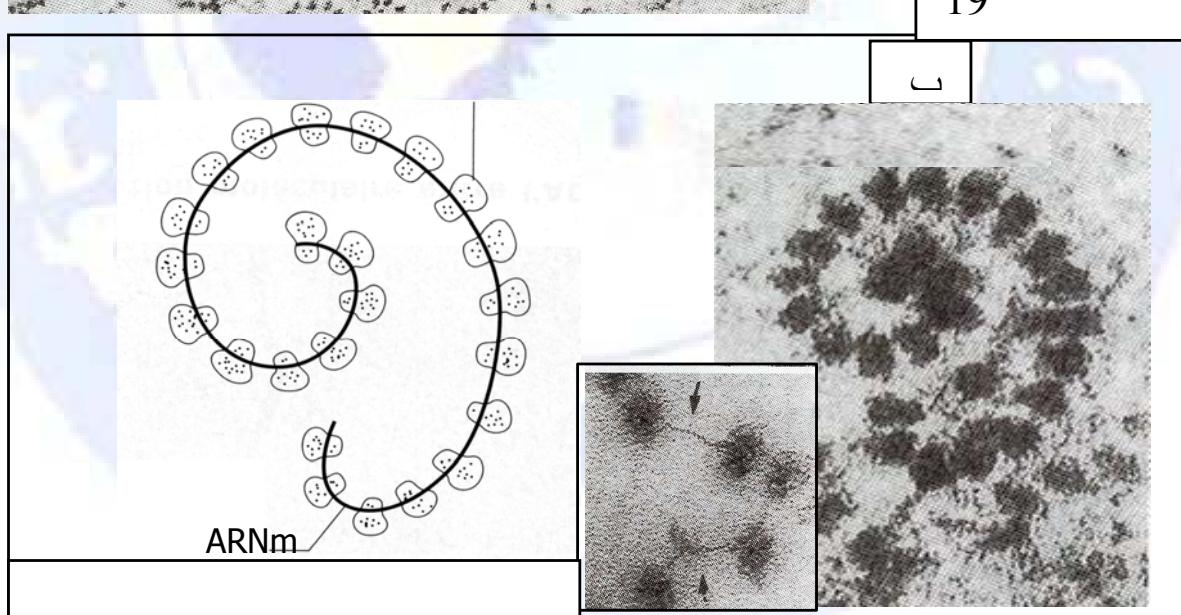
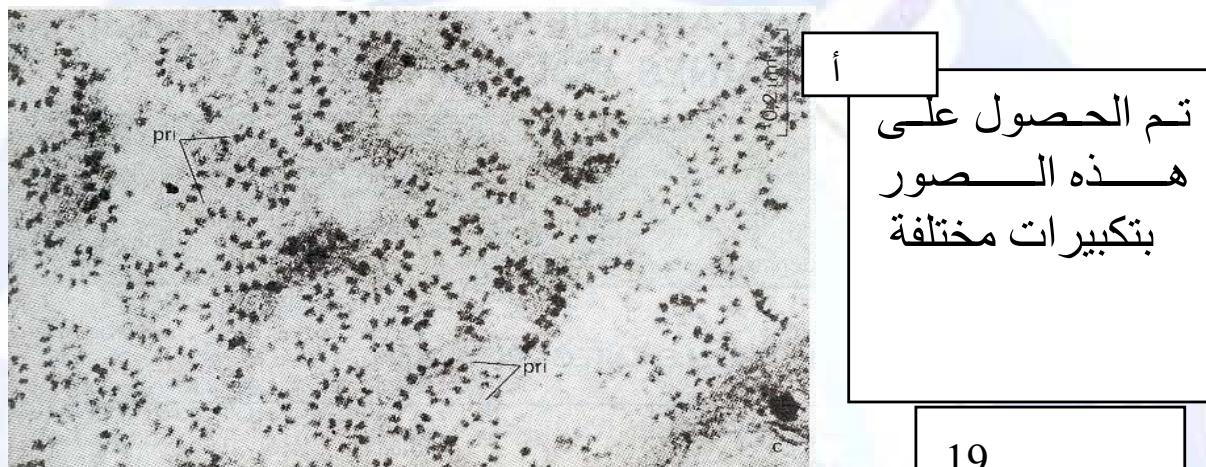
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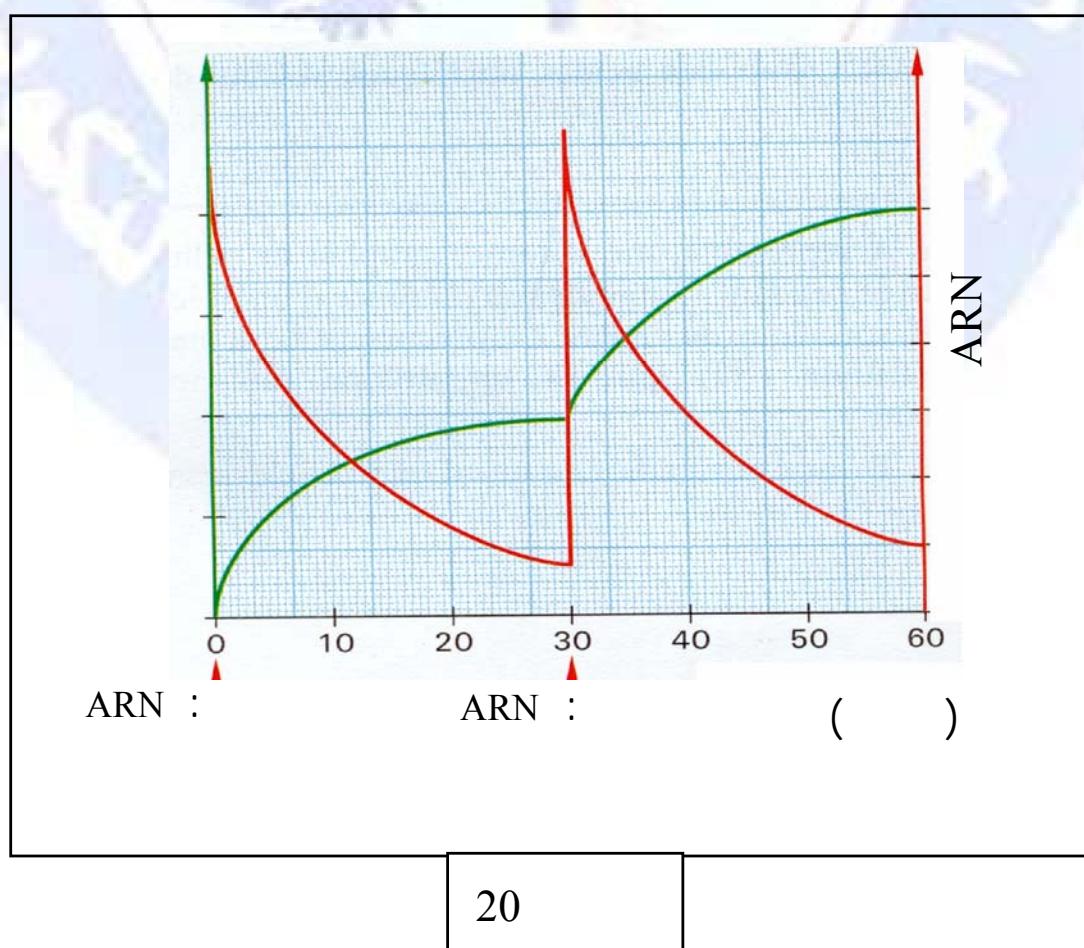


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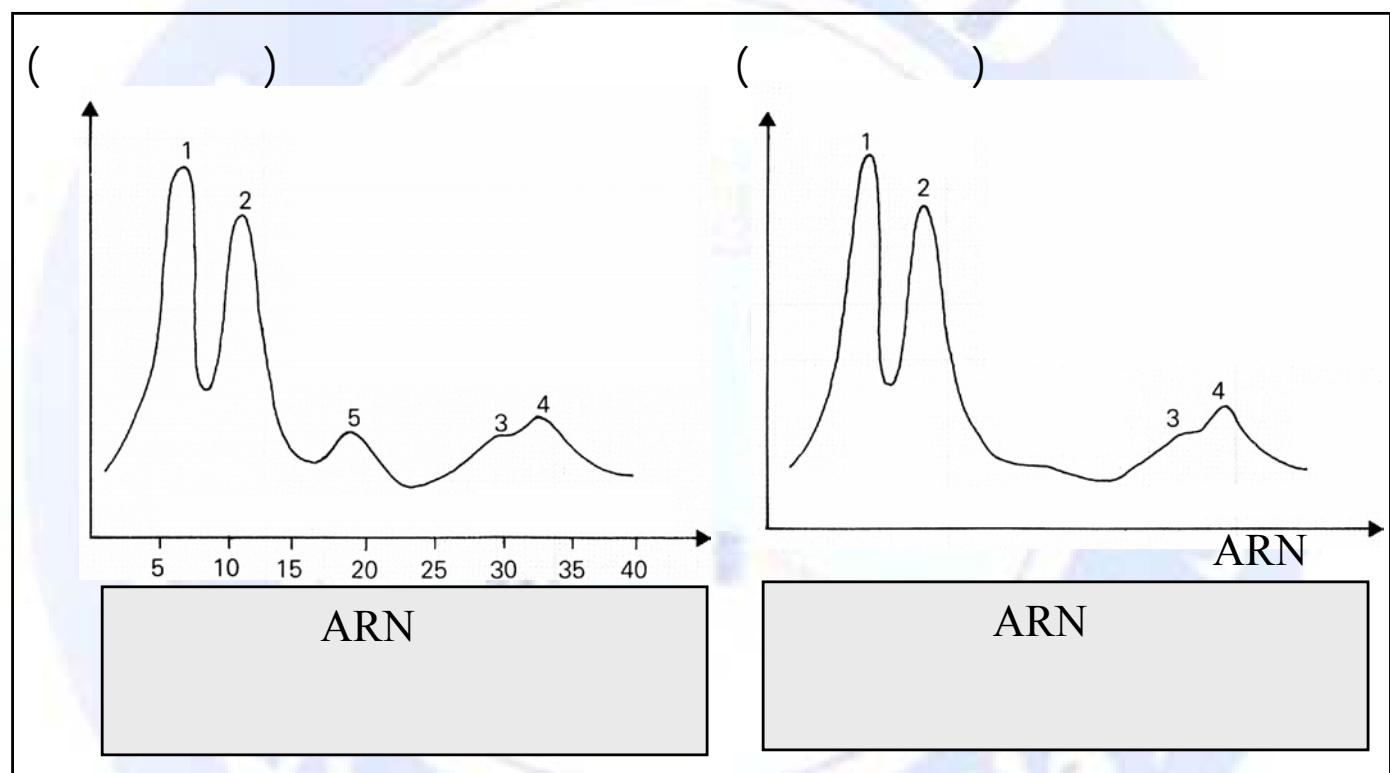
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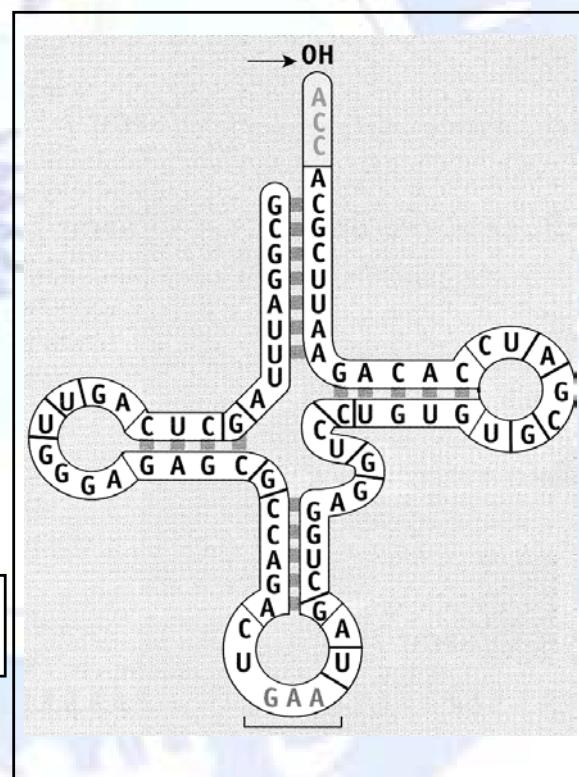
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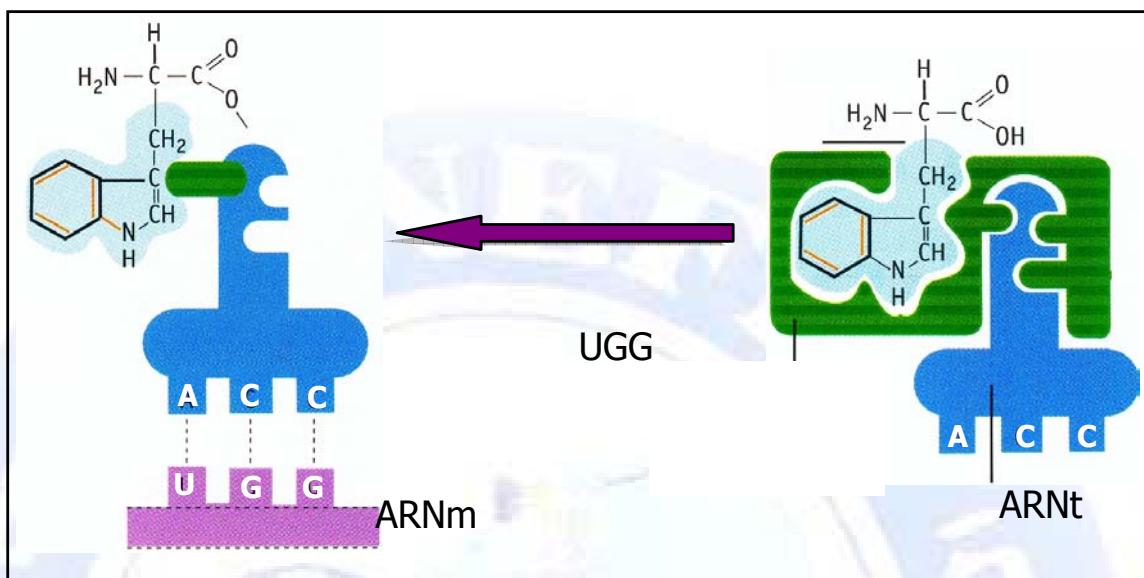
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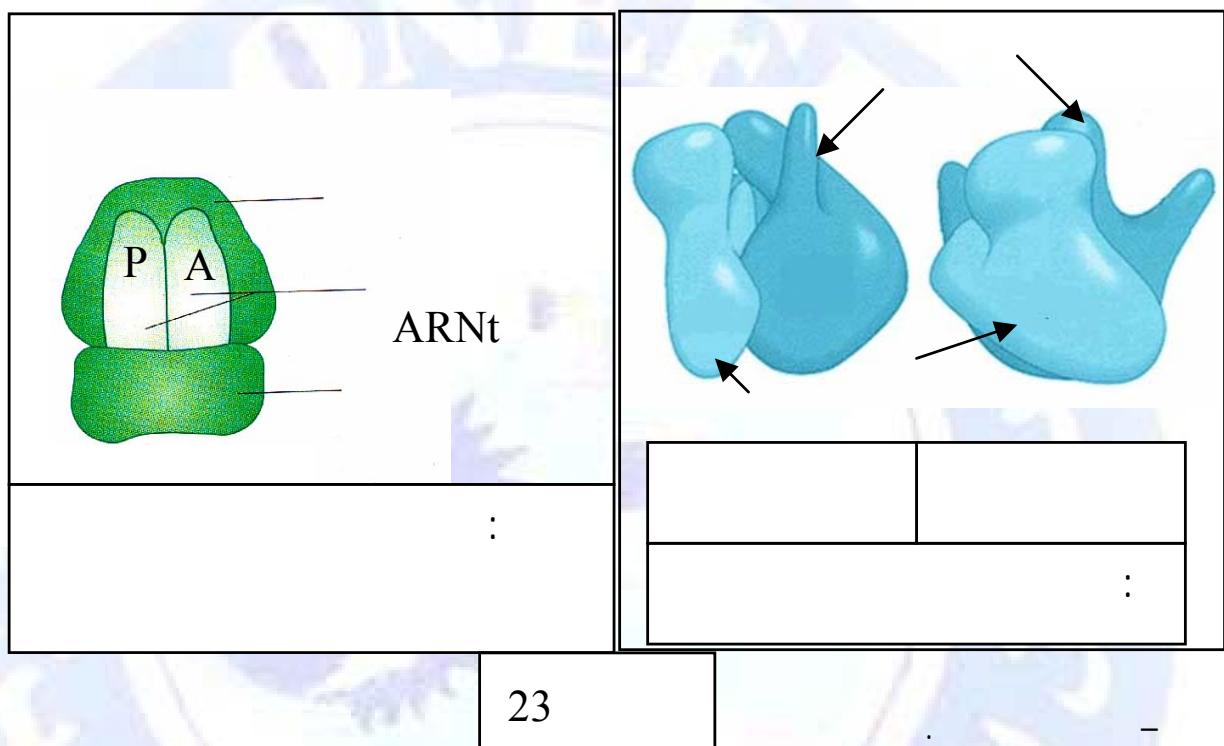


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الوثيقة 24

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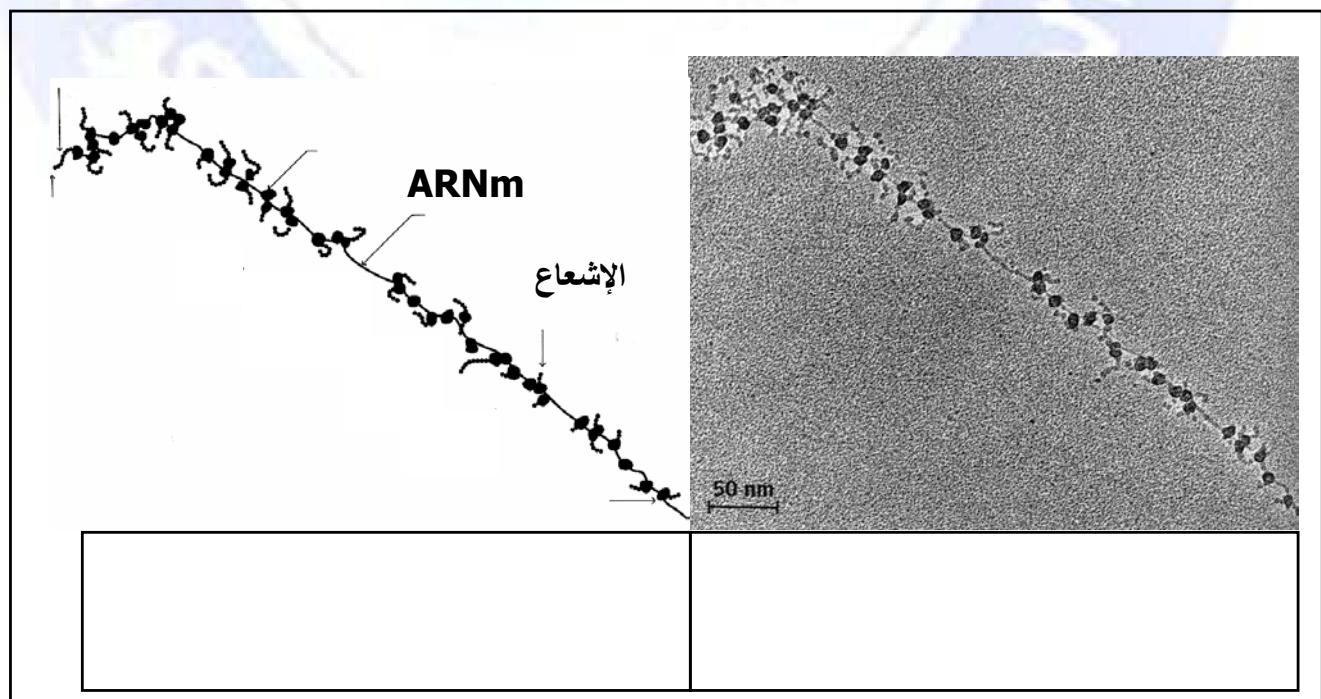
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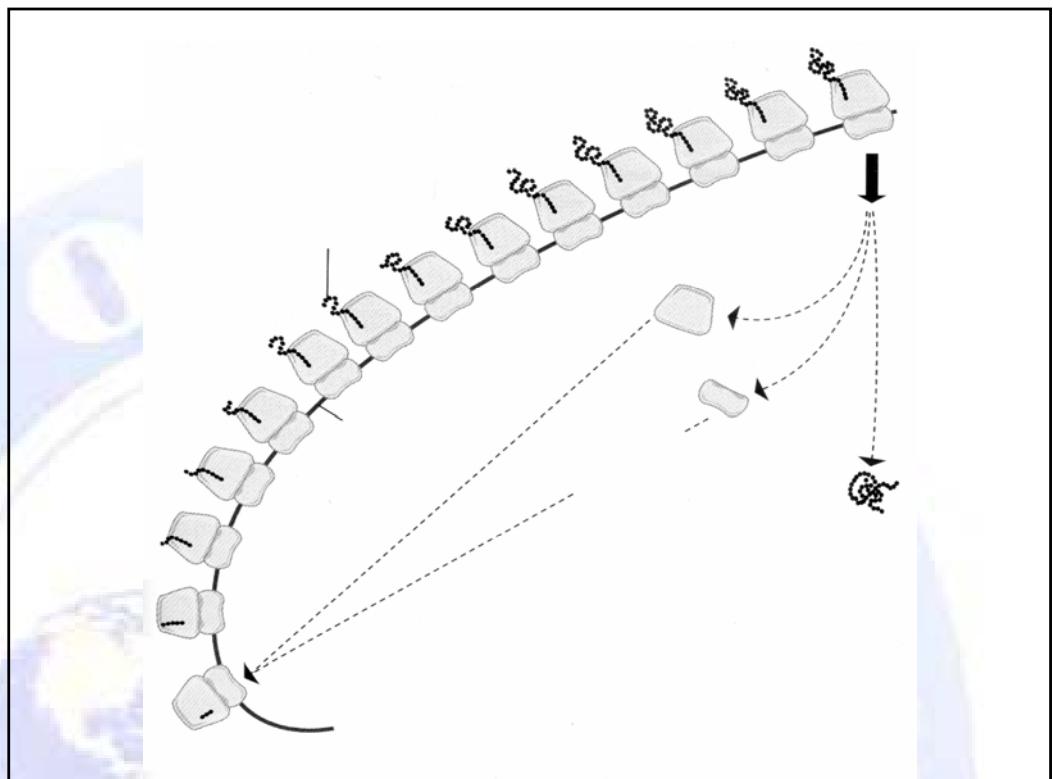
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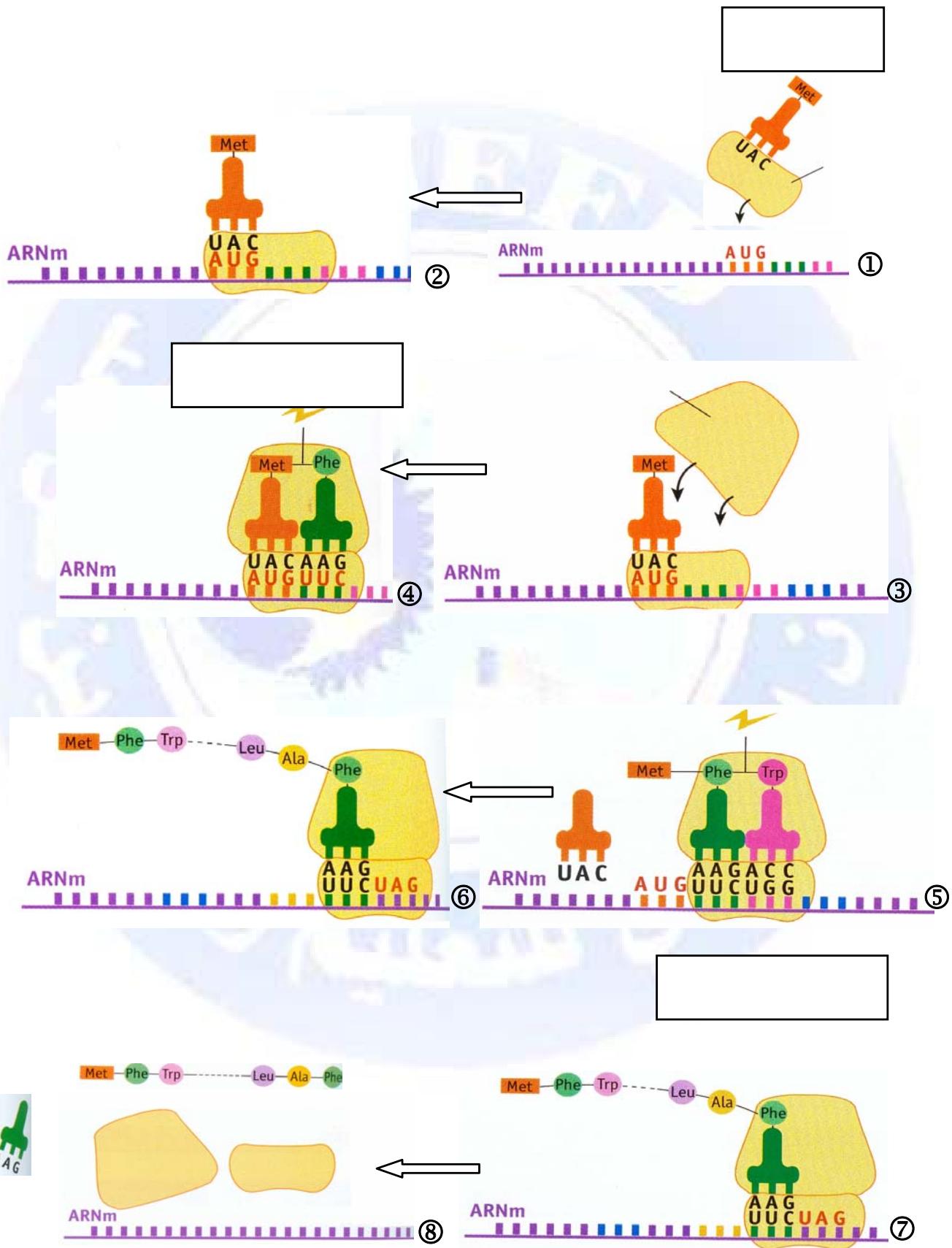
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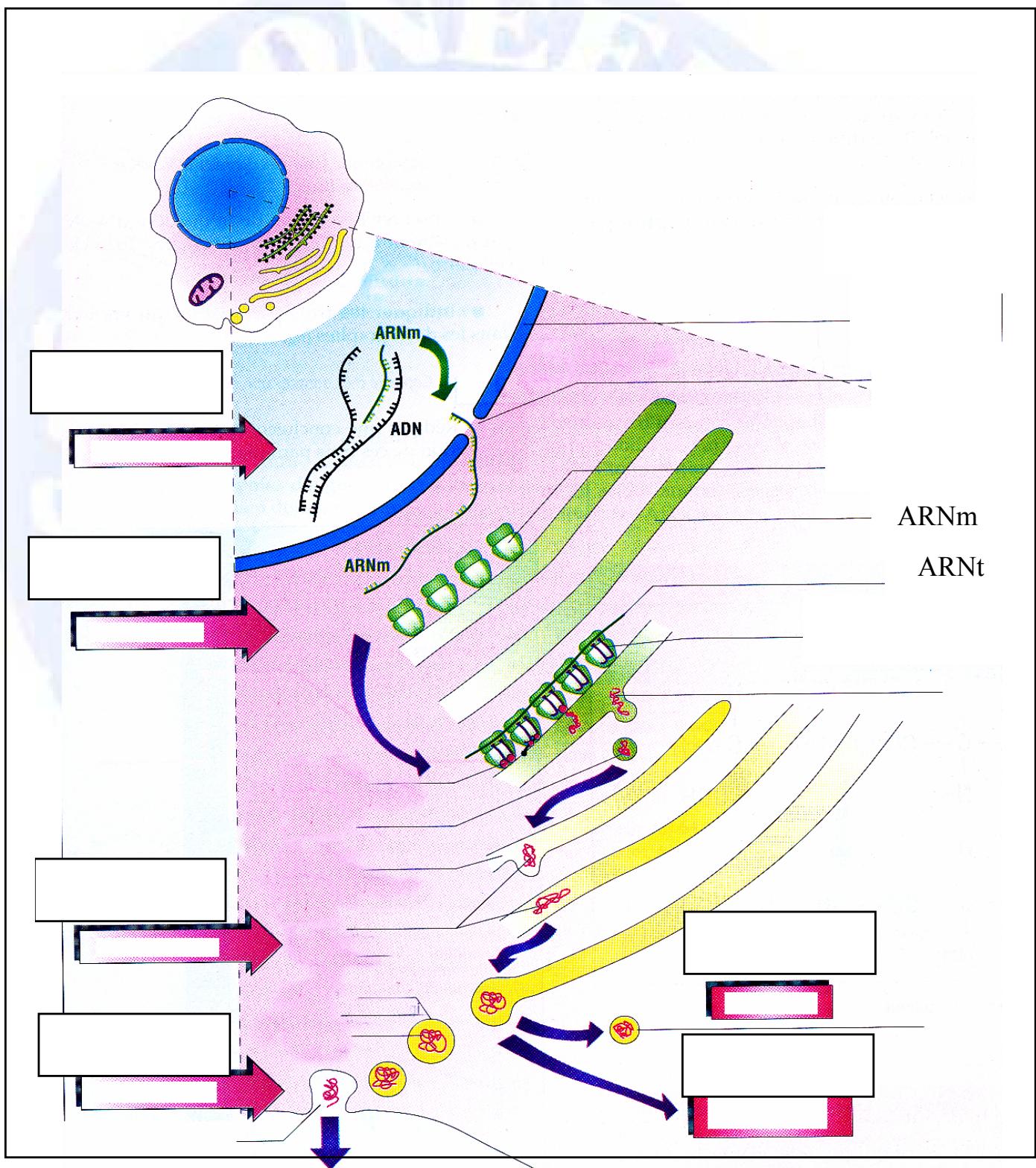
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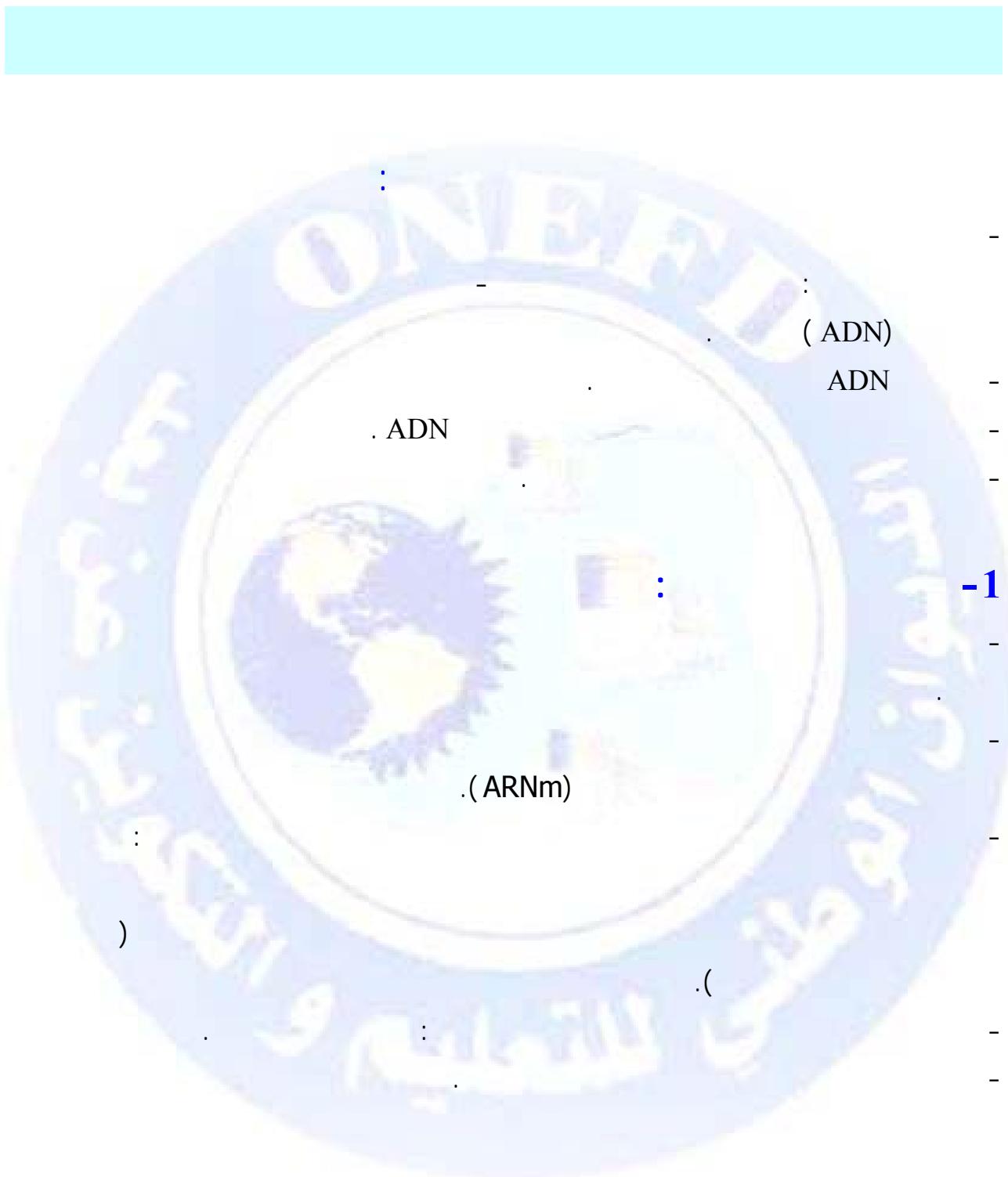


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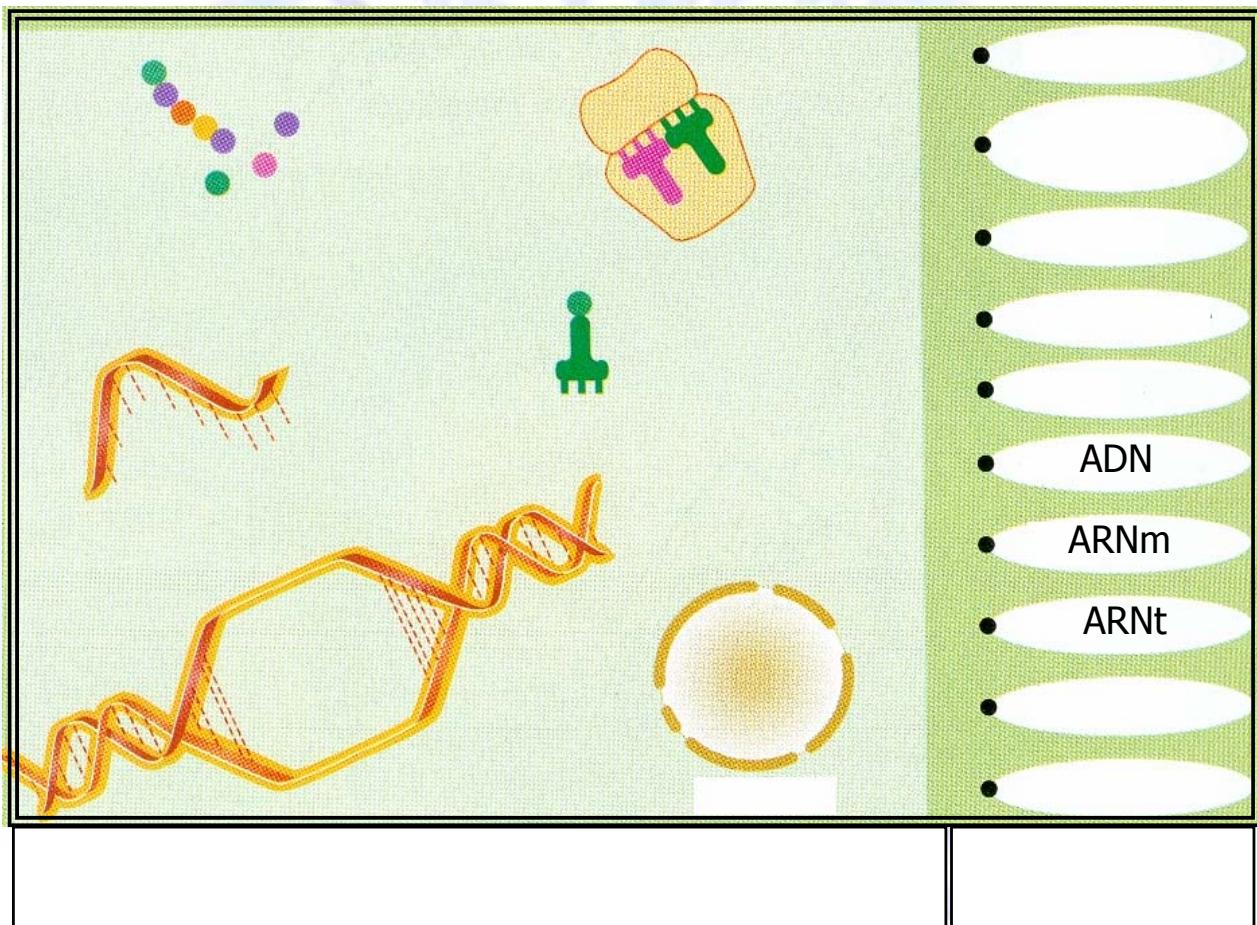
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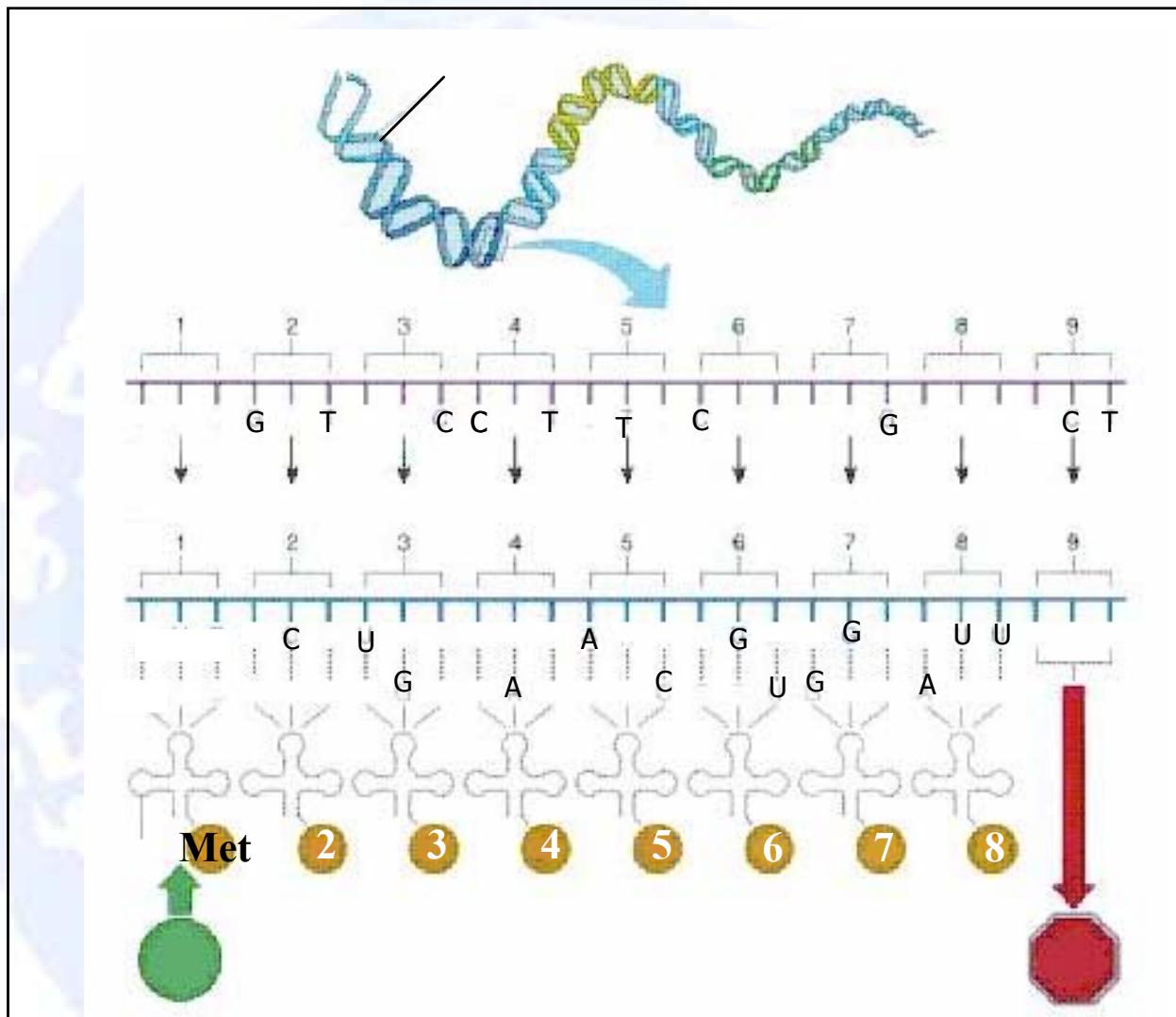
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