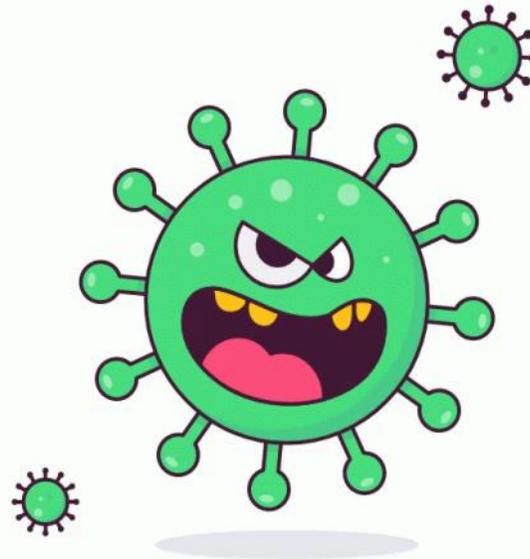


Tema 14

Introducción a la virología



Generalidades

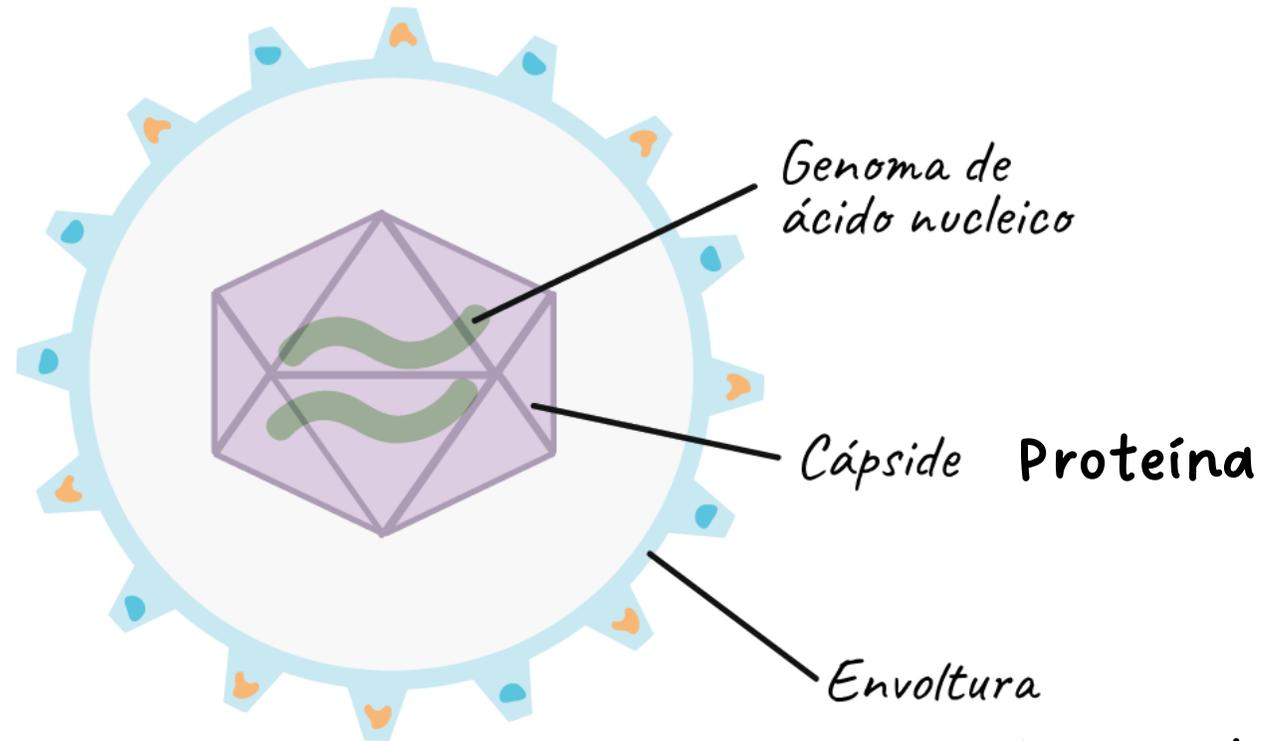
Intracelular obligado

Tamaño variable (18 a 270 nm)

ADN o ARN

Sensibles al calor

Resistentes al frío

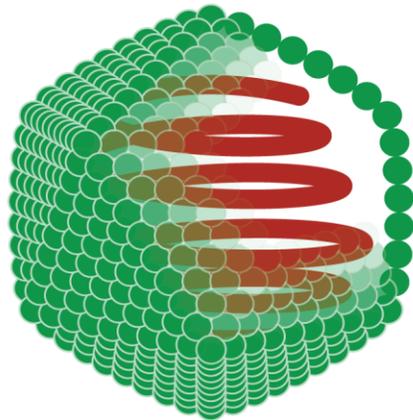


Con envoltura **VESTIDO**

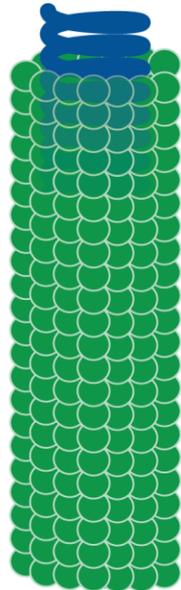
Sin envoltura **DESNUDO**

Lipoproteína

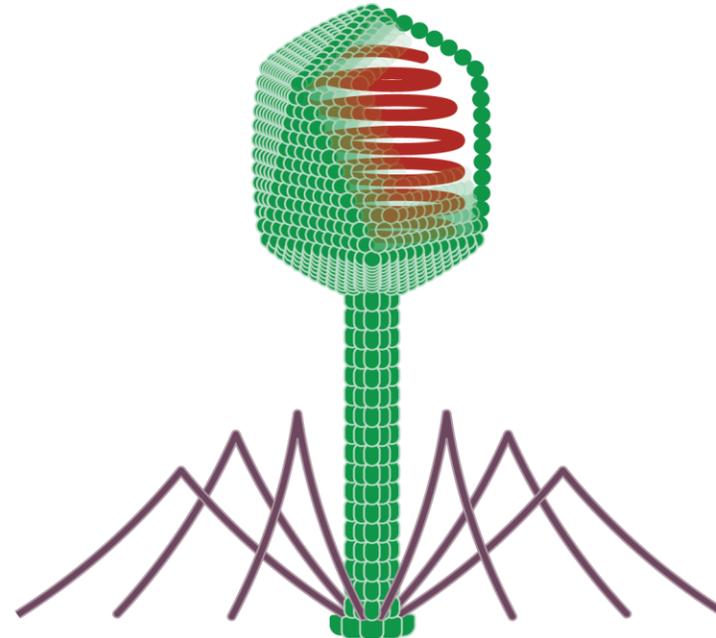
Morfología



Icosahédrico



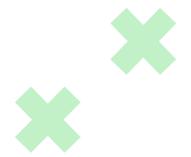
Filamentoso



Cabeza-cola

Helicoidal

Compleja

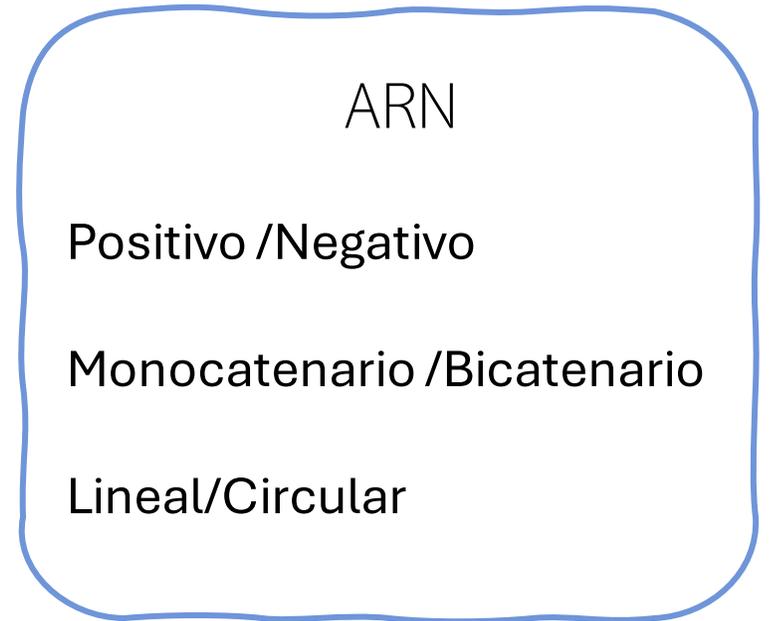
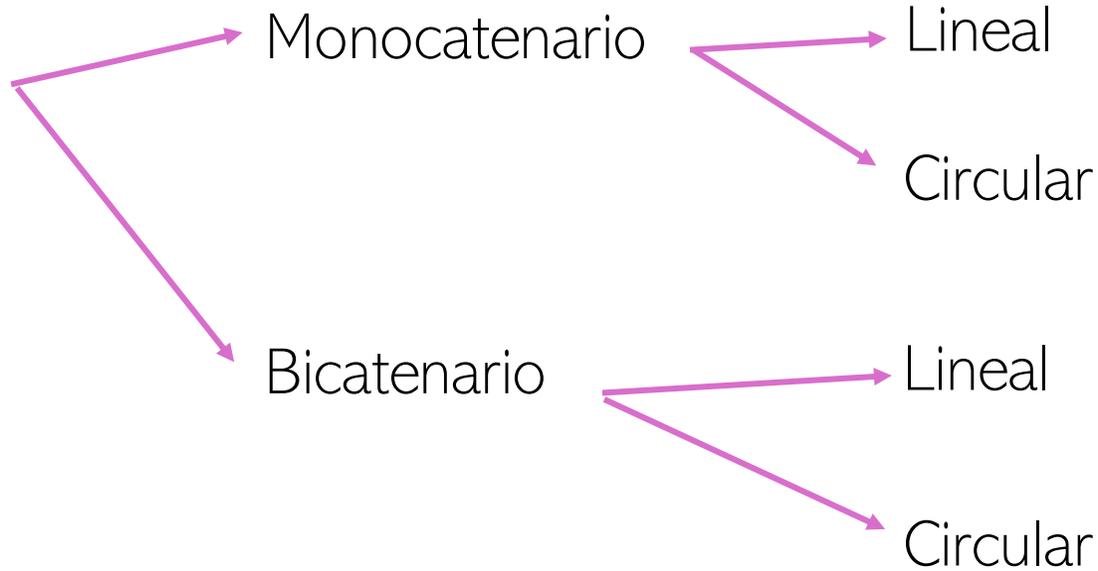


Material Genético

Reducido tamaño

Pocos genes

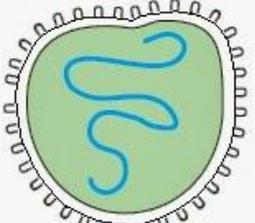
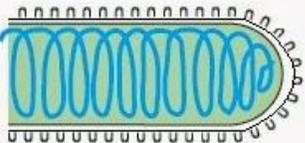
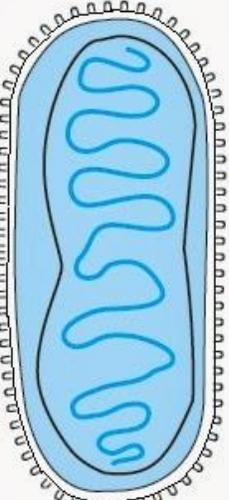
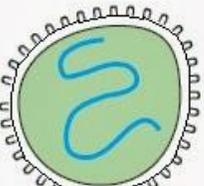
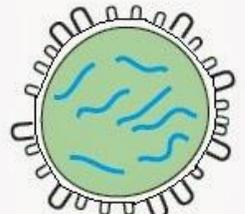
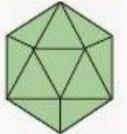
ADN



Positivo ARNm

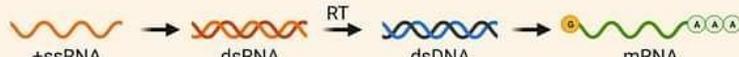
Negativo NO sirve ARNm

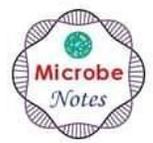
Clasificación

Sin cubierta lipídica		Con cubierta lipídica		
Cadena simple		ARN de cadena (+)	ARN de cadena (-)	ADN de cadena doble
ADN	 Parvovirus	 Togavirus	 Paramixovirus	 Herpesvirus
ARN	 Picornavirus	 Retrovirus	 Rabdovirus	 Poxvirus
Cadena doble		 Coronavirus	 Ortomixovirus	
ADN	 Papovirus			
ADN	 Adenovirus			
ARN	 Reovirus			

The Baltimore Classification of Viruses

Clasificación

Group	Example	Genetic Material Processing
Group 1 dsDNA	 Smallpox	
Group 2 +ssDNA	 HPV	
Group 3 dsRNA	 Rotaviruses	
Group 4 +ssRNA	 Coronaviruses	
Group 5 -ssRNA	 Measles	
Group 6 +ssRNA-RT	 HIV	
Group 7 dsDNA-RT	 Hepatitis B	



The Biology Notes

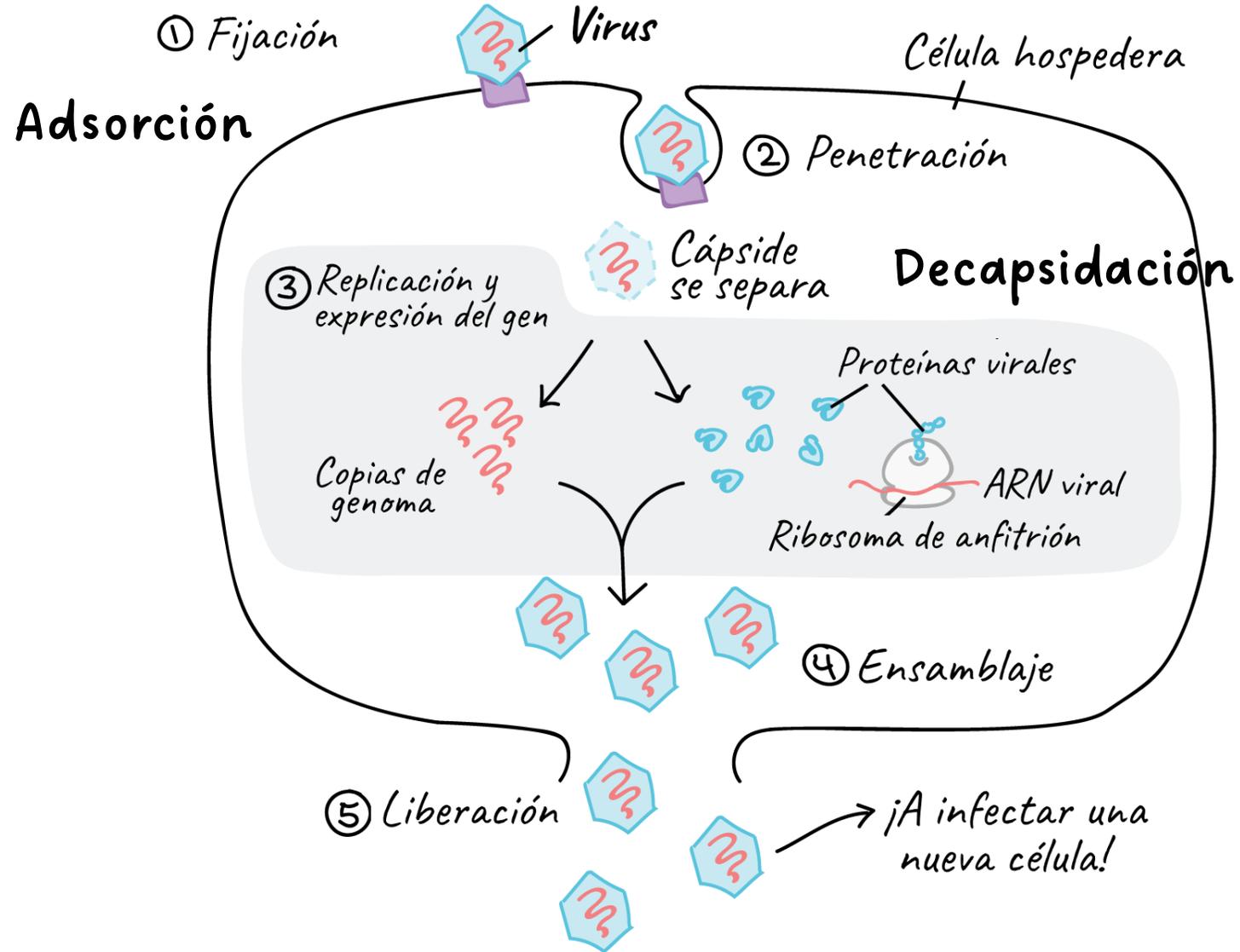
The Chemistry Notes



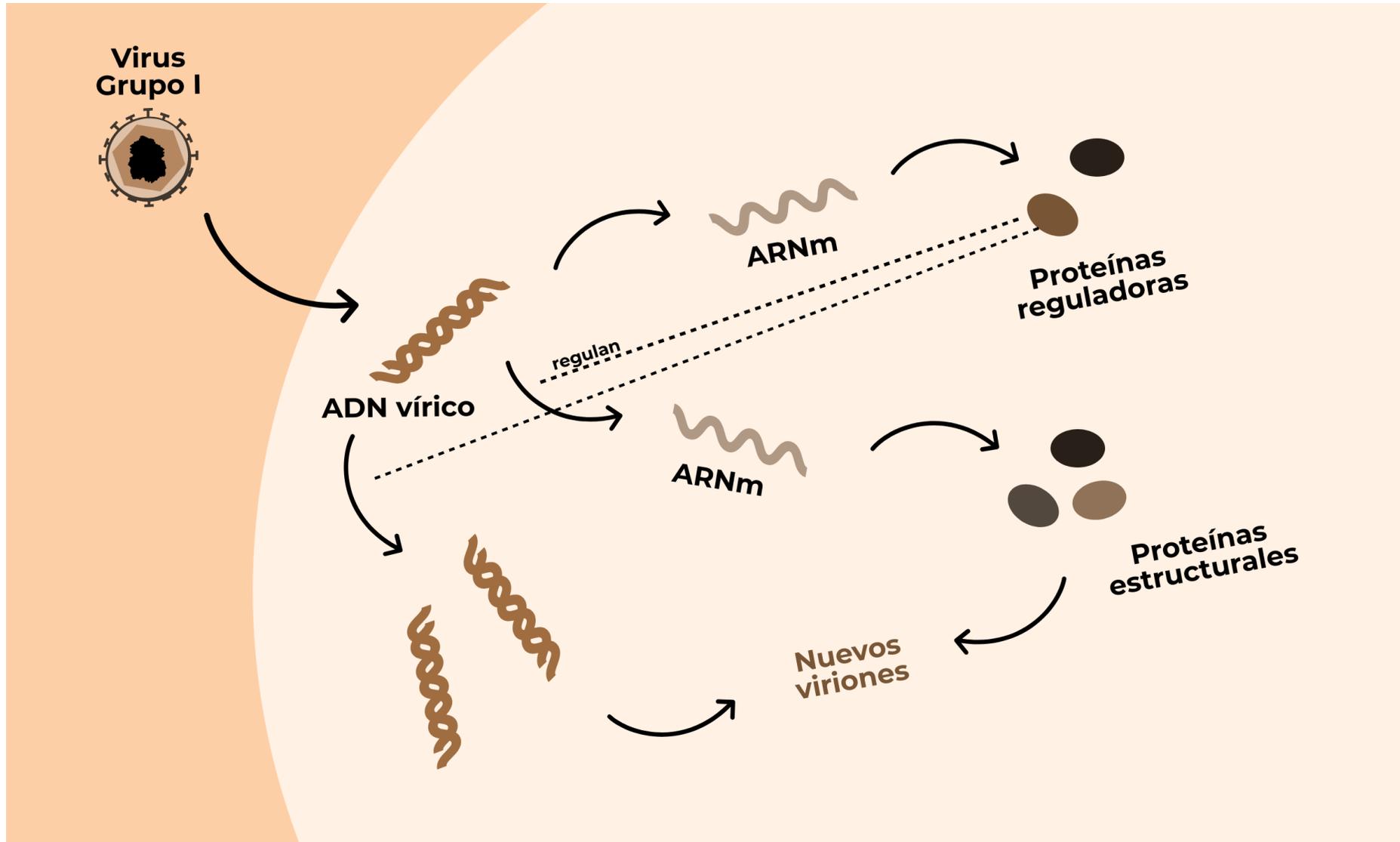
Created with **bio** RENDER (Biorender Templates)

Infección

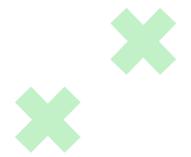
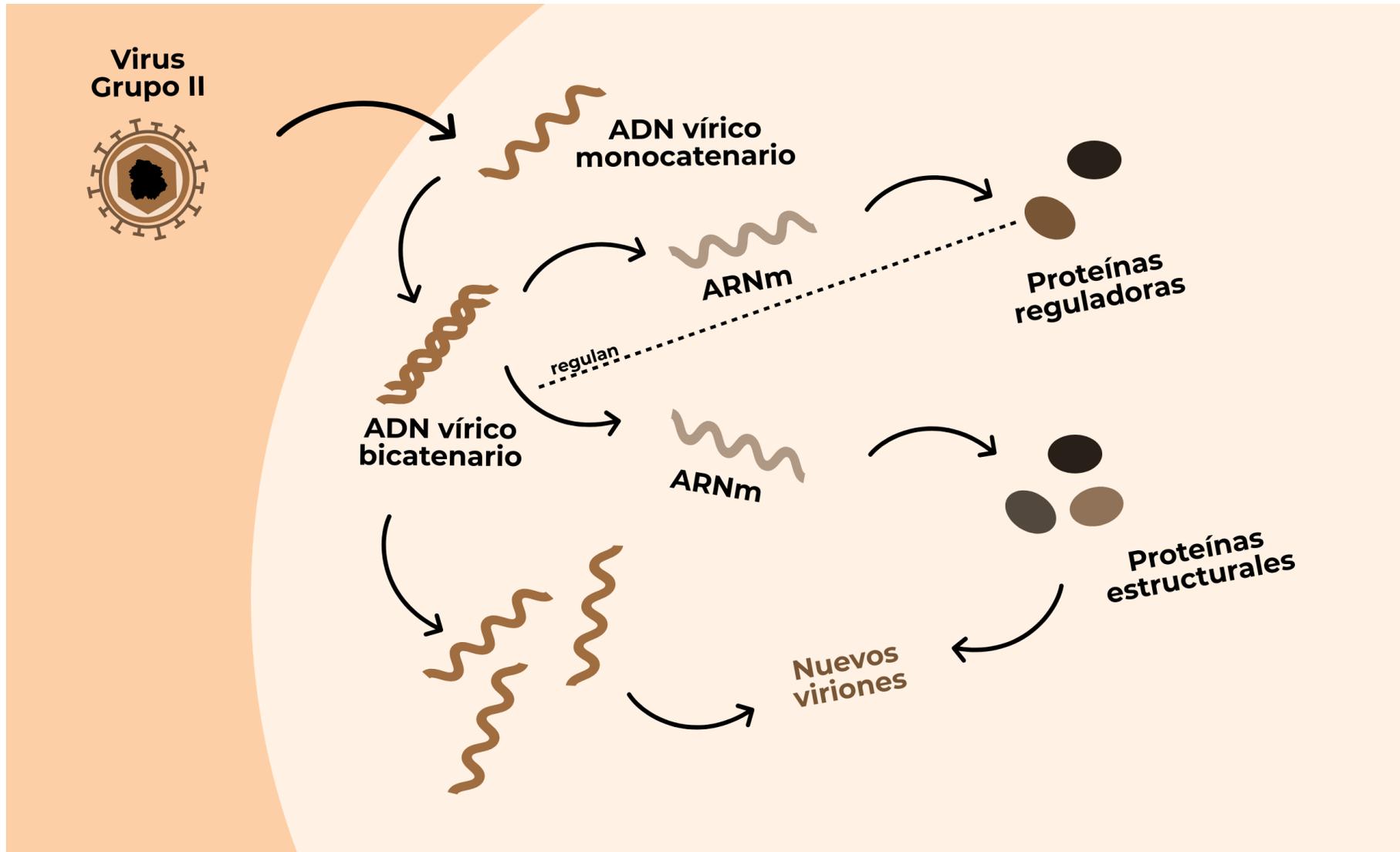
Diagrama general del ciclo de vida de un virus



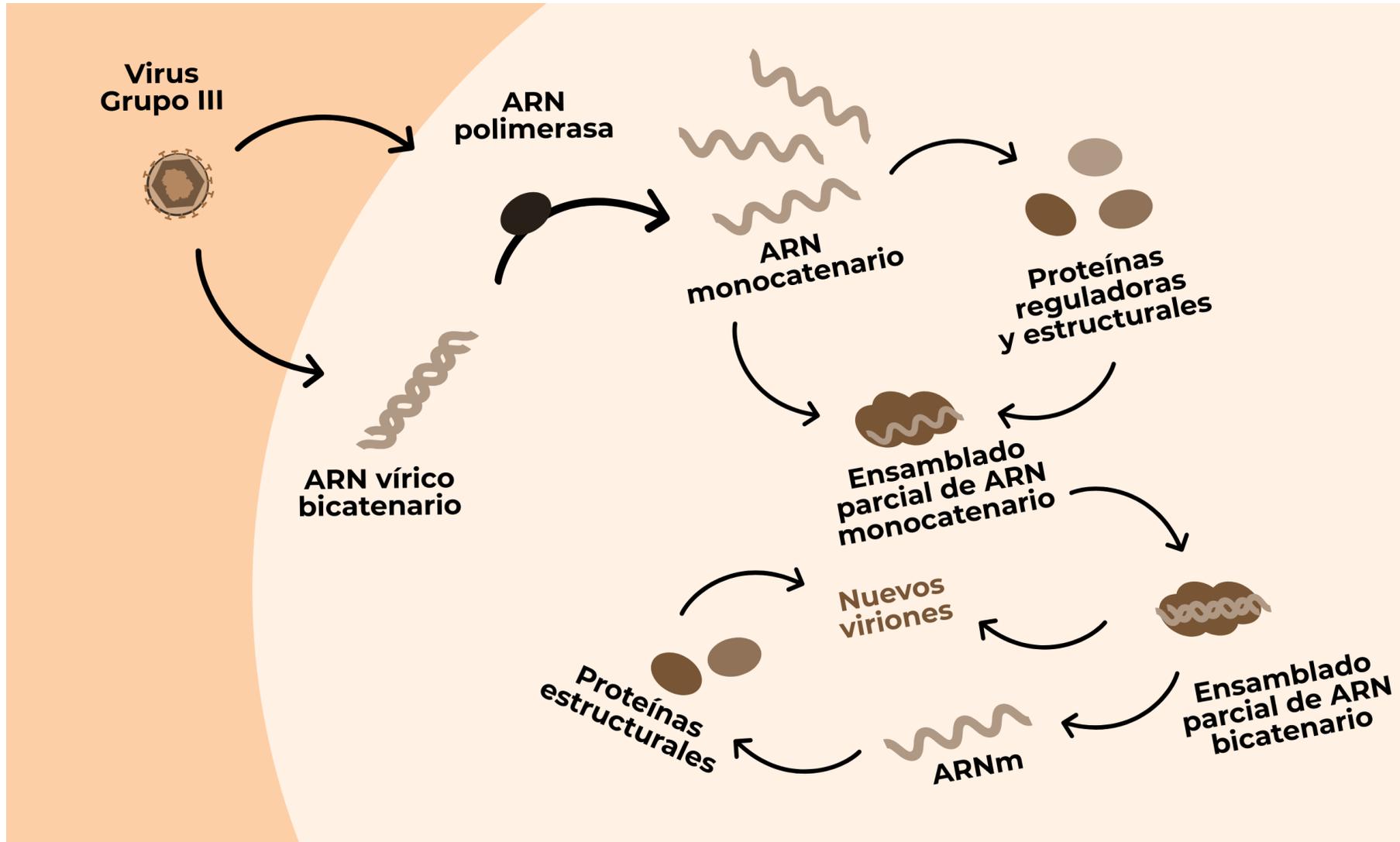
Estrategias de infección



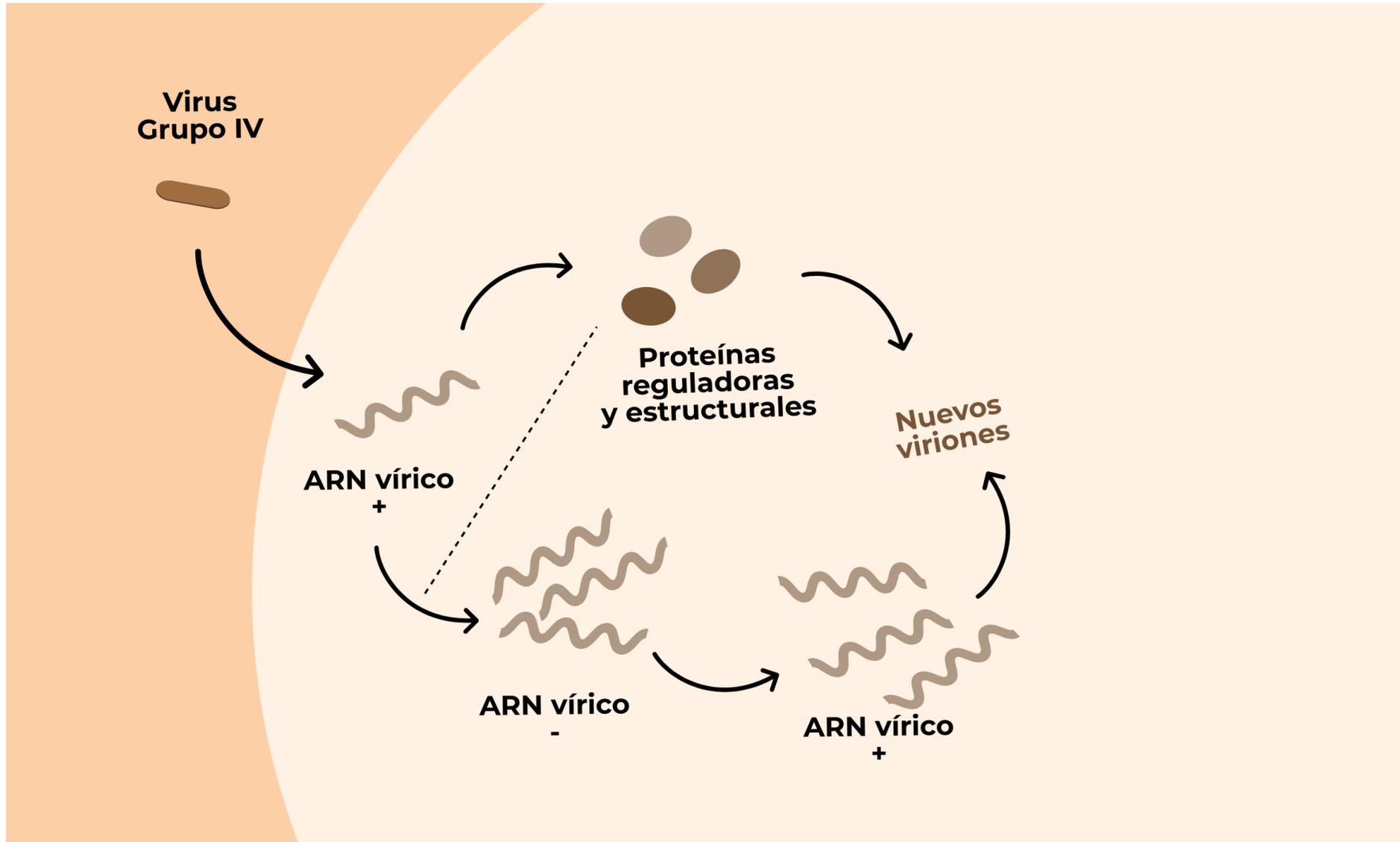
Estrategias de infección



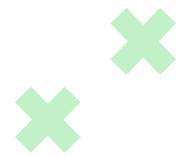
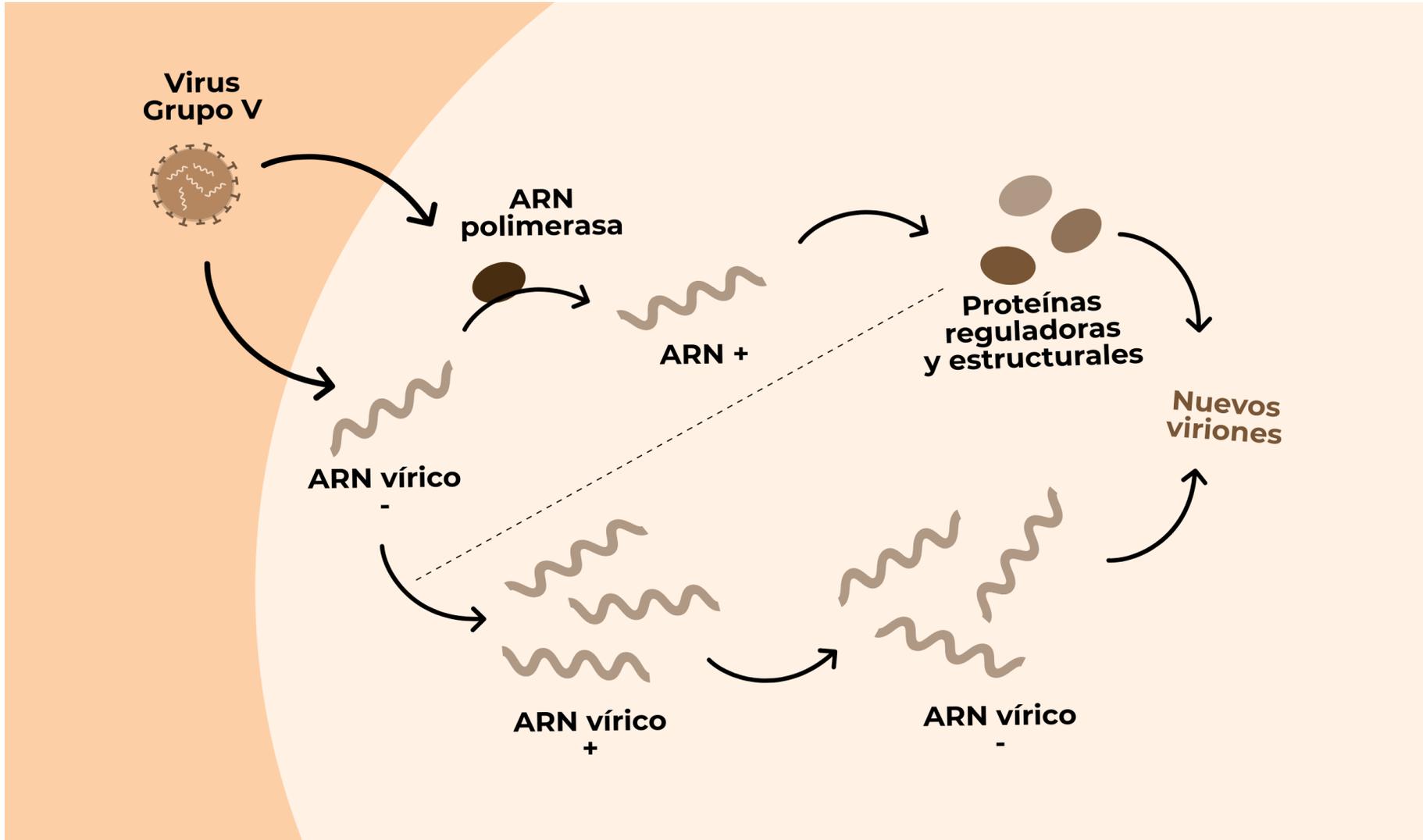
Estrategias de infección



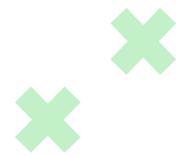
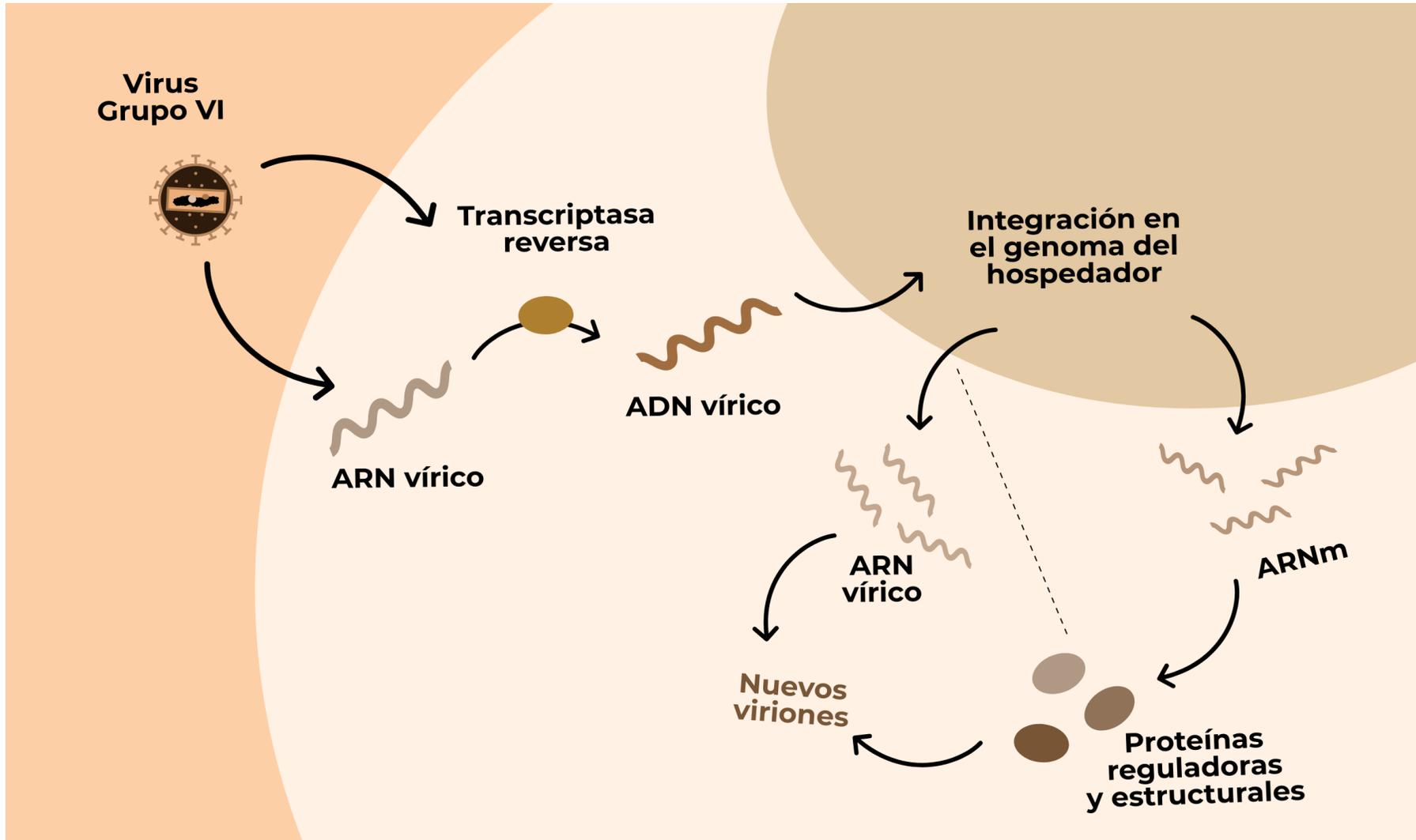
Estrategias de infección



Estrategias de infección



Estrategias de infección



Bibliografía

Capítulo 16 del Stanchi



Gracias por su atención

