

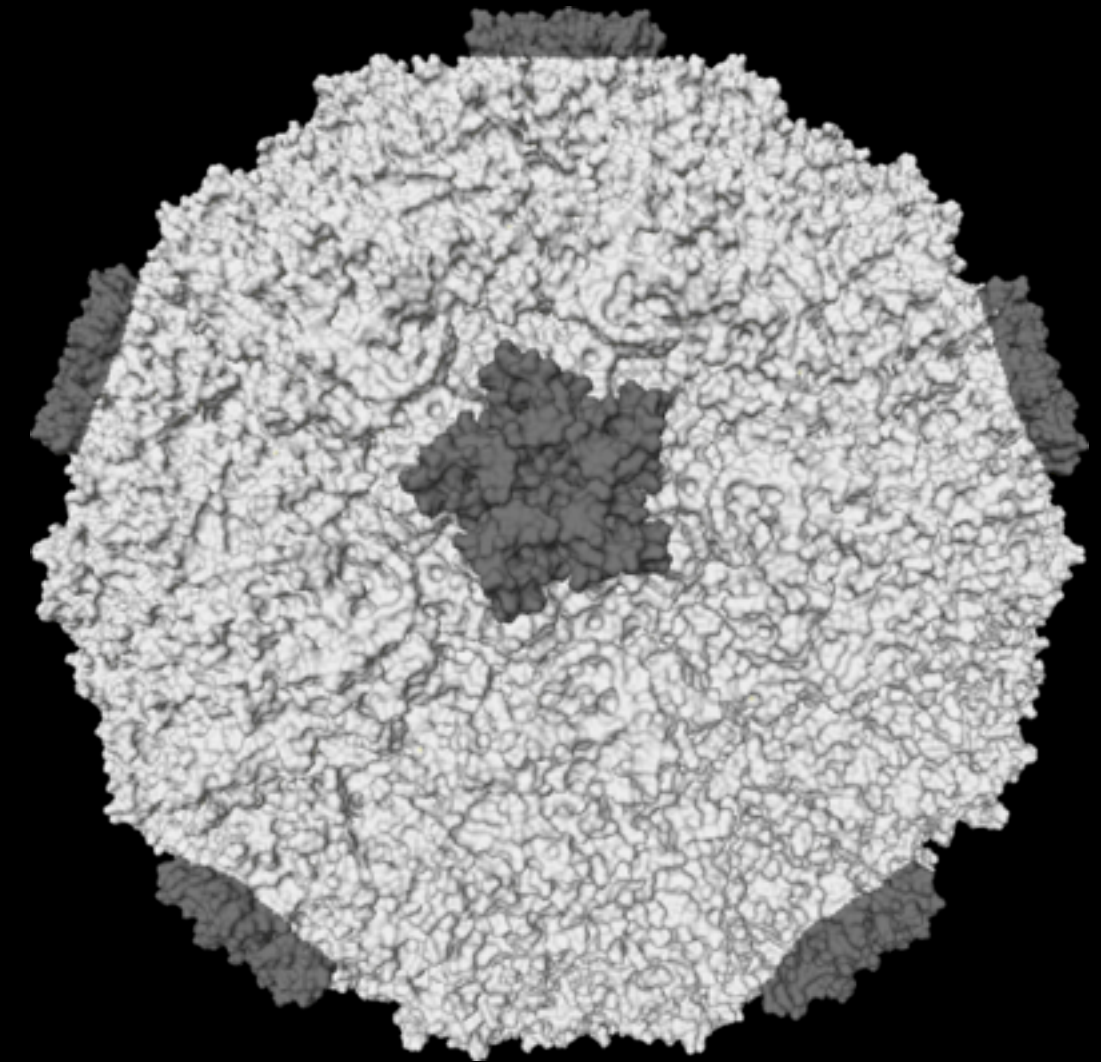
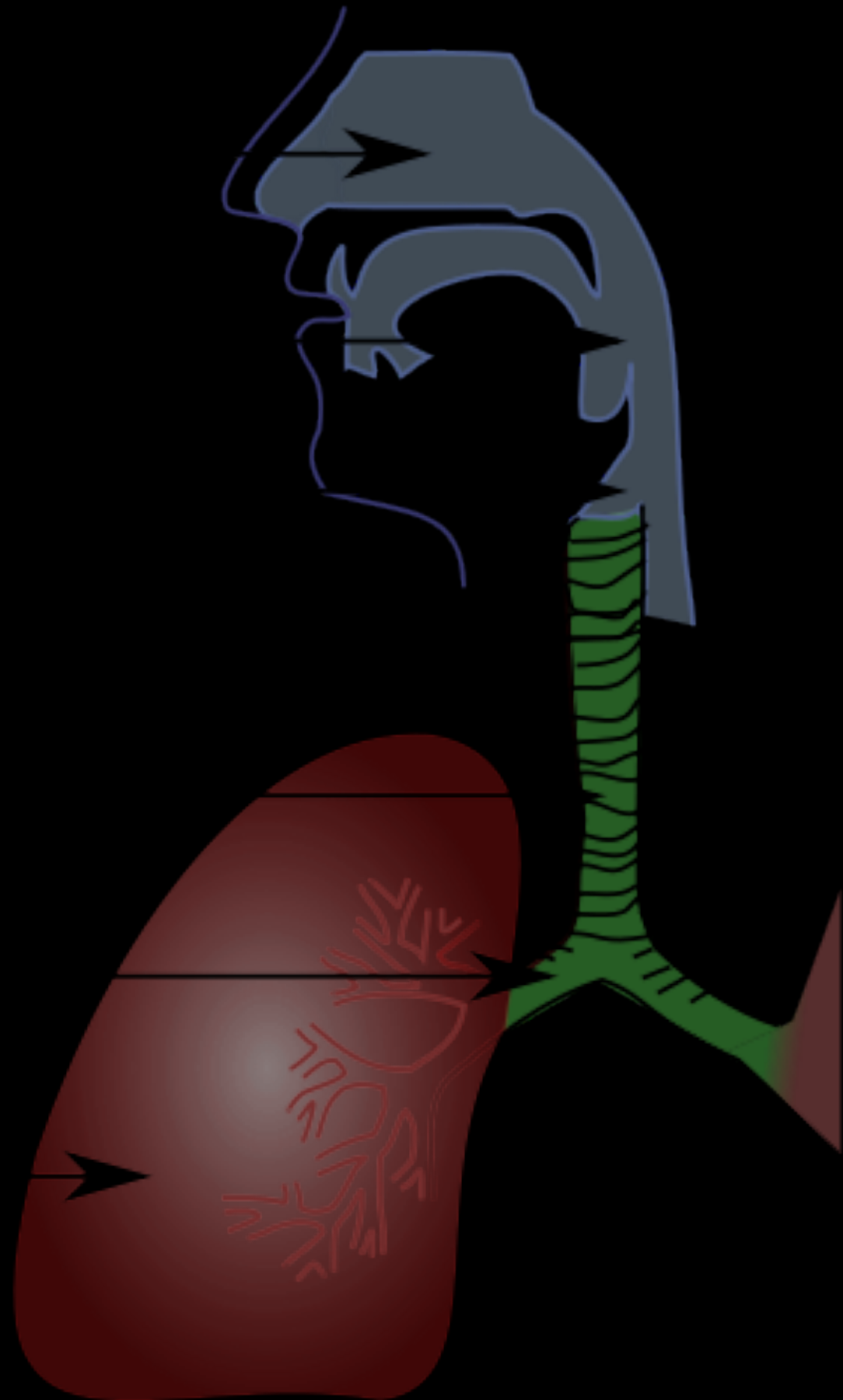
Biology Essentials - 035

“Travelling in our severe winters I have suffered Cold sometimes to an Extremity only short of Freezing, but this did not make me catch Cold. I have been in the River every Evening two or three Hours for a Fortnight together, when one should suppose I might imbibe enough of it to take Cold if Humidity could give it; but no such effect followed.”

“the frowzy corrupt Air from animal Sub stances, and the perspired matter from our Bodies.”

Viral Replication





Viral Replication

Viral
Replication

Lytic Cycle

Related
viruses

RNA
viruses

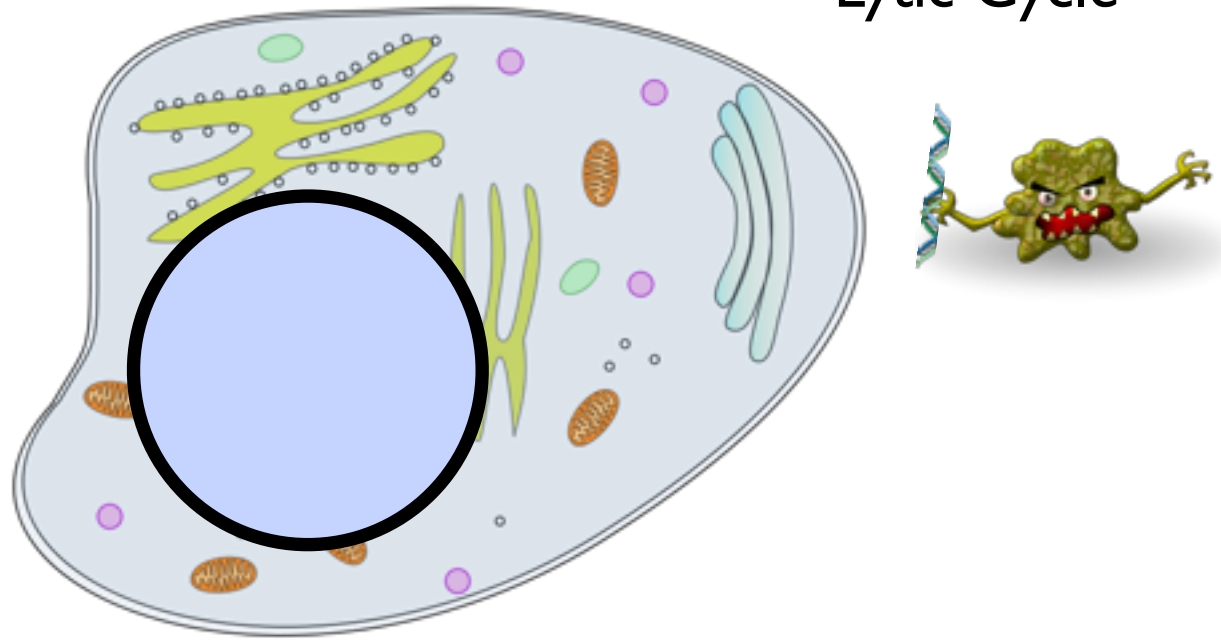
Component
assembly model

Lysogenic Cycle

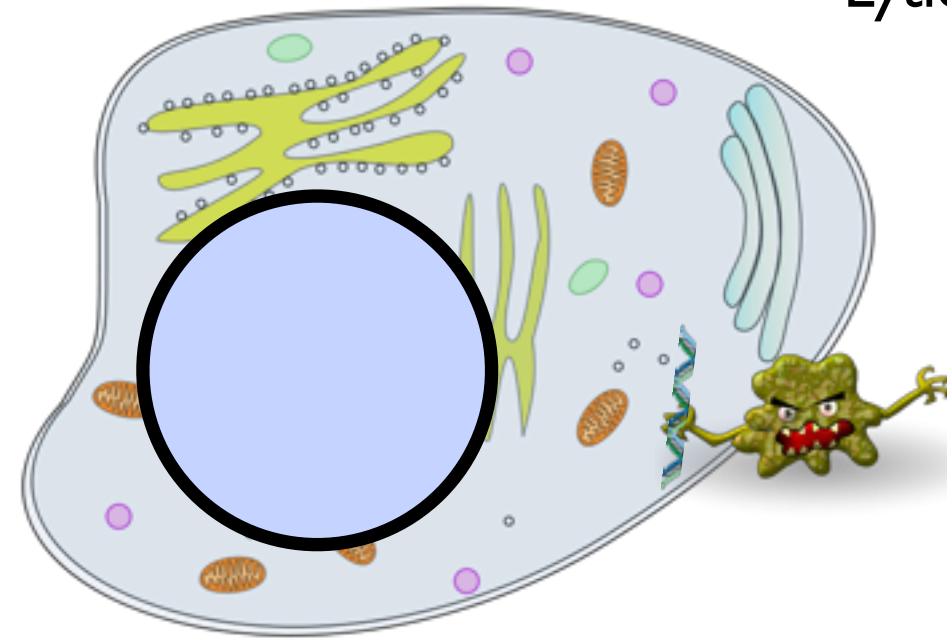
HIV

Virulence

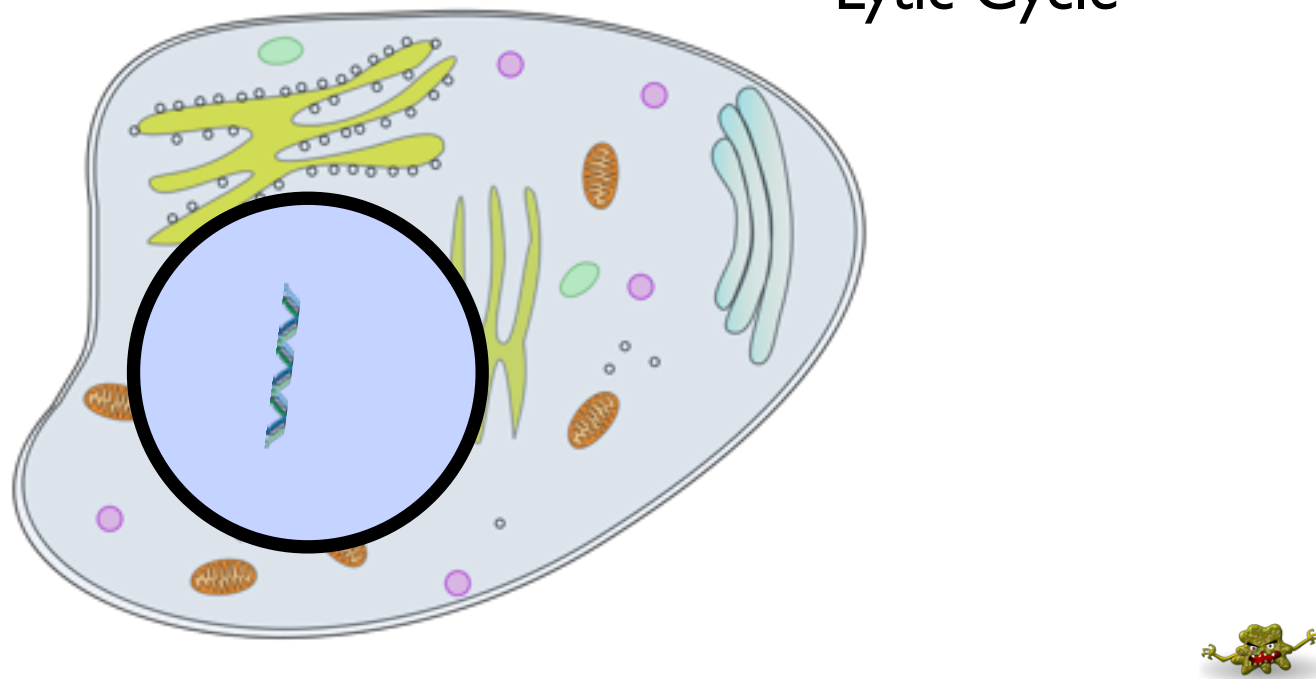
Lytic Cycle



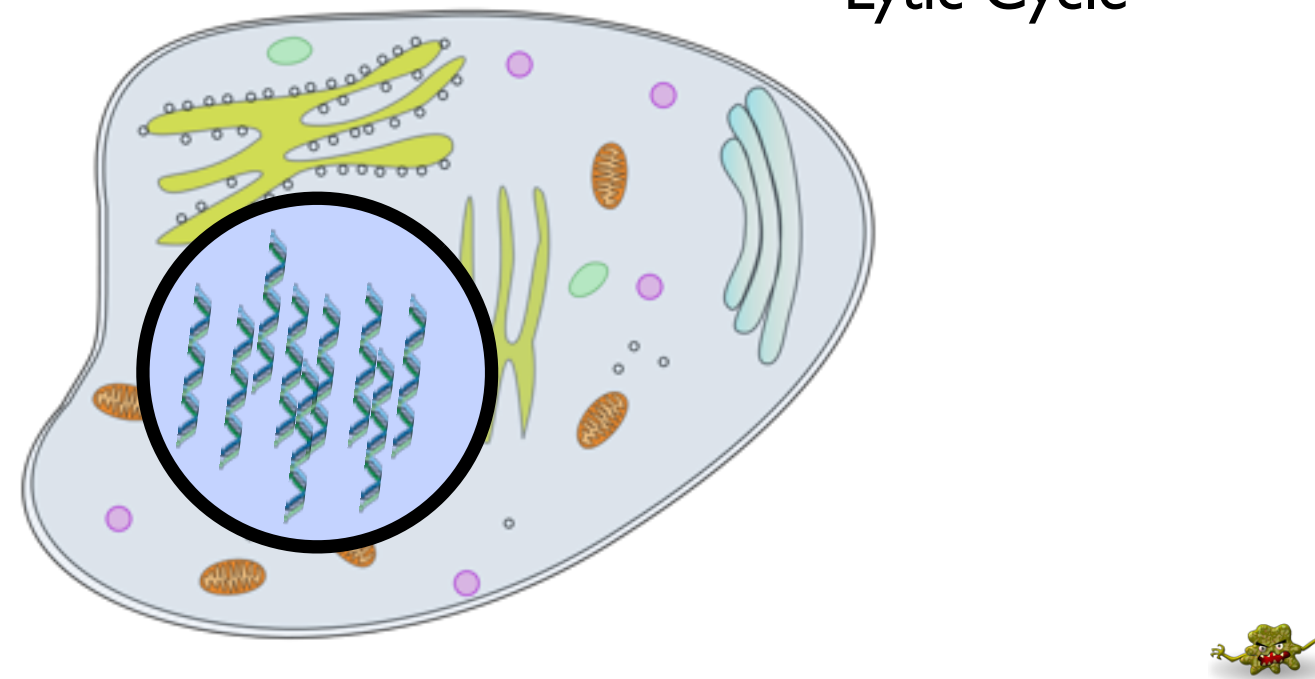
Lytic Cycle



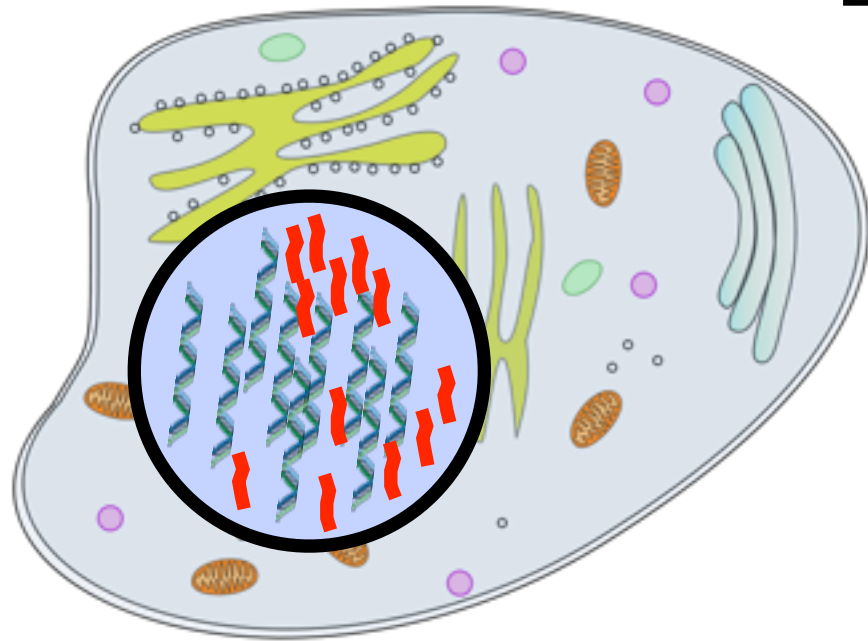
Lytic Cycle



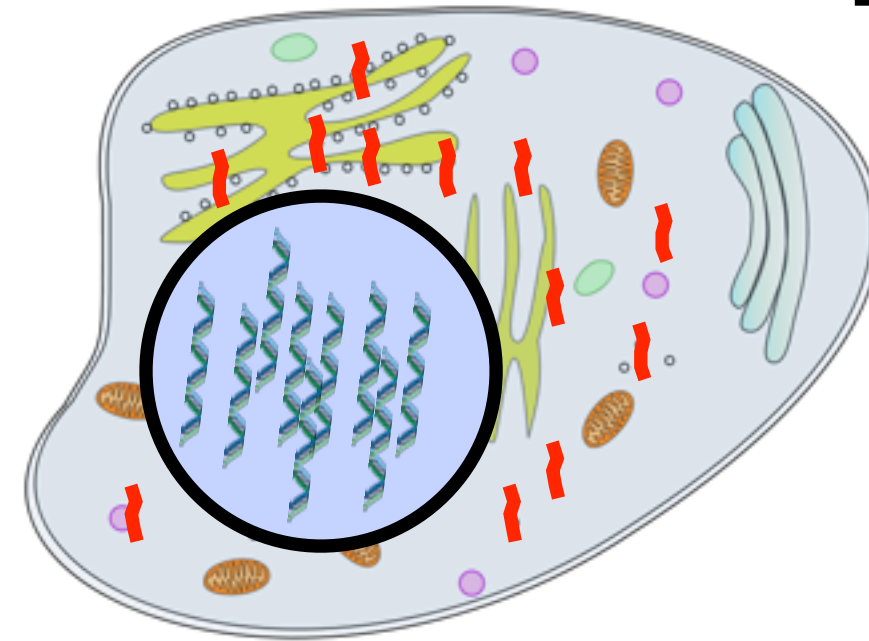
Lytic Cycle



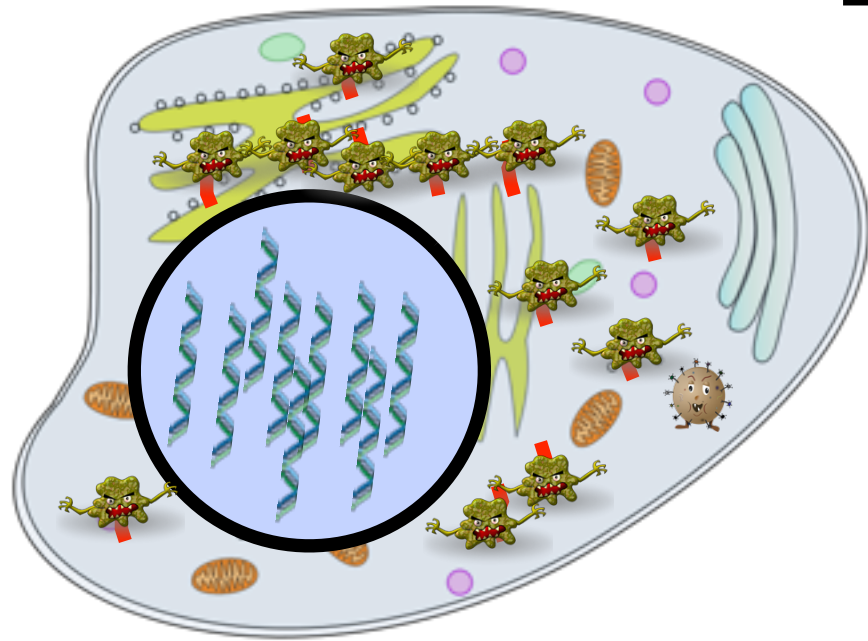
Lytic Cycle



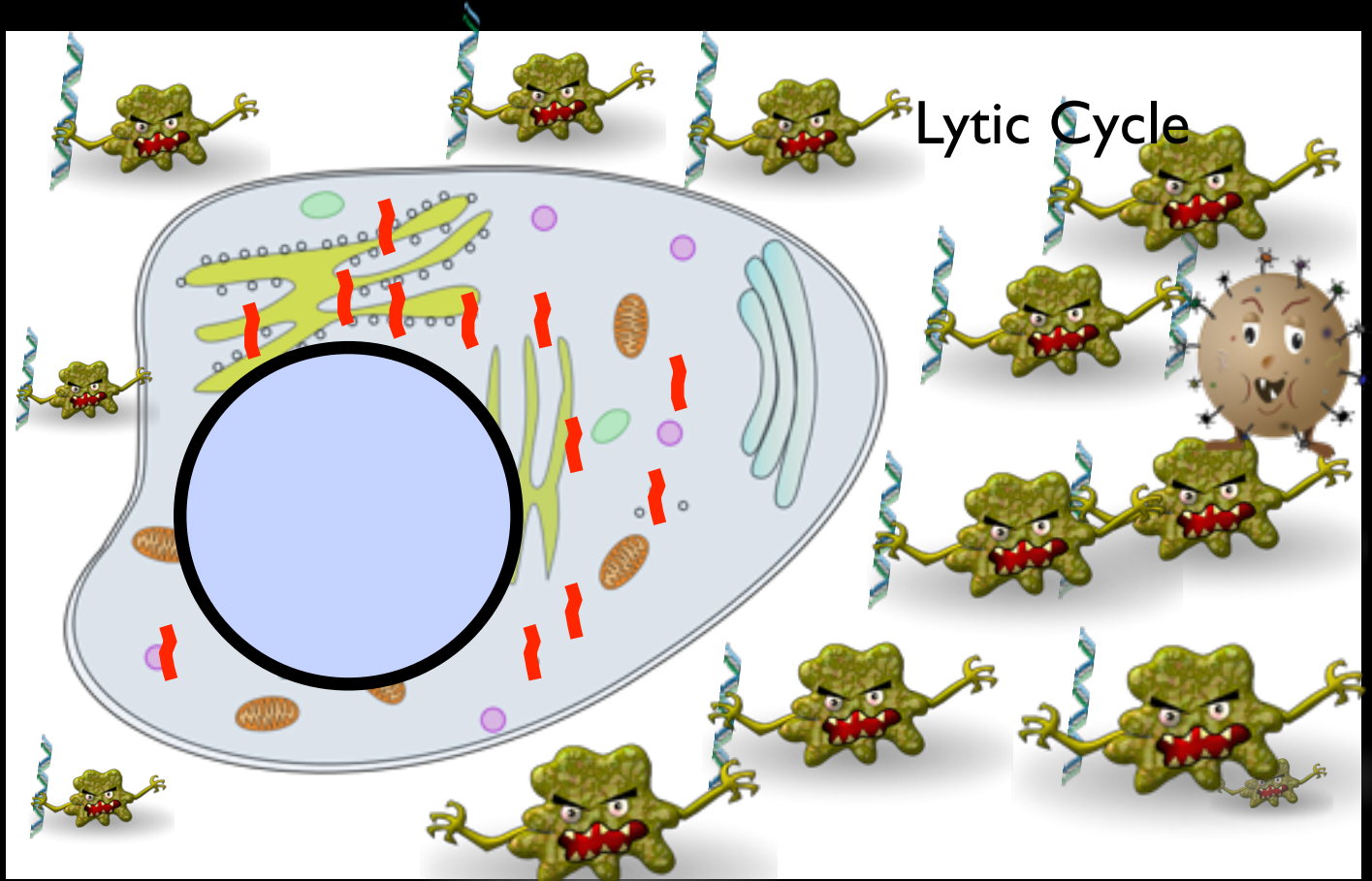
Lytic Cycle



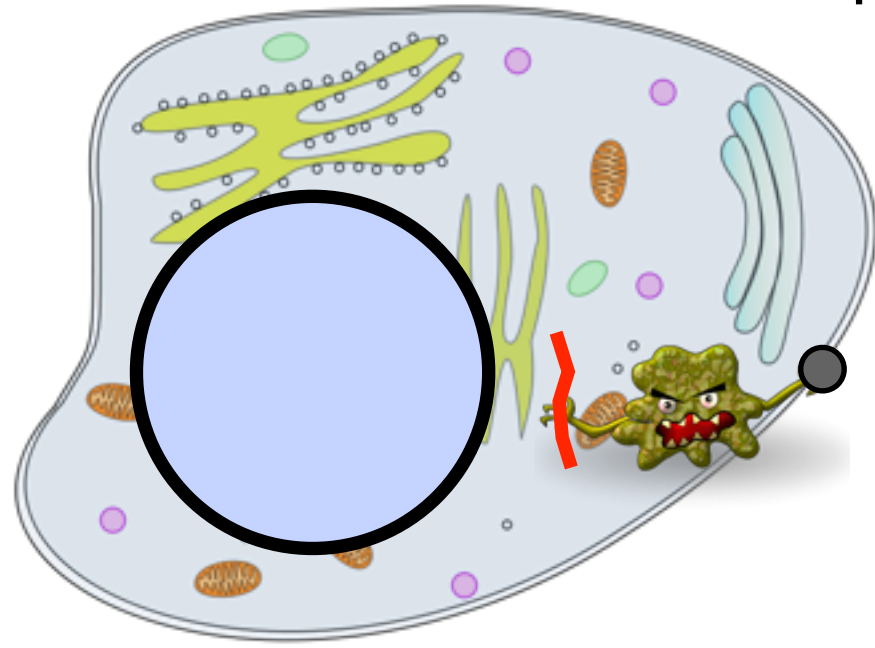
Lytic Cycle



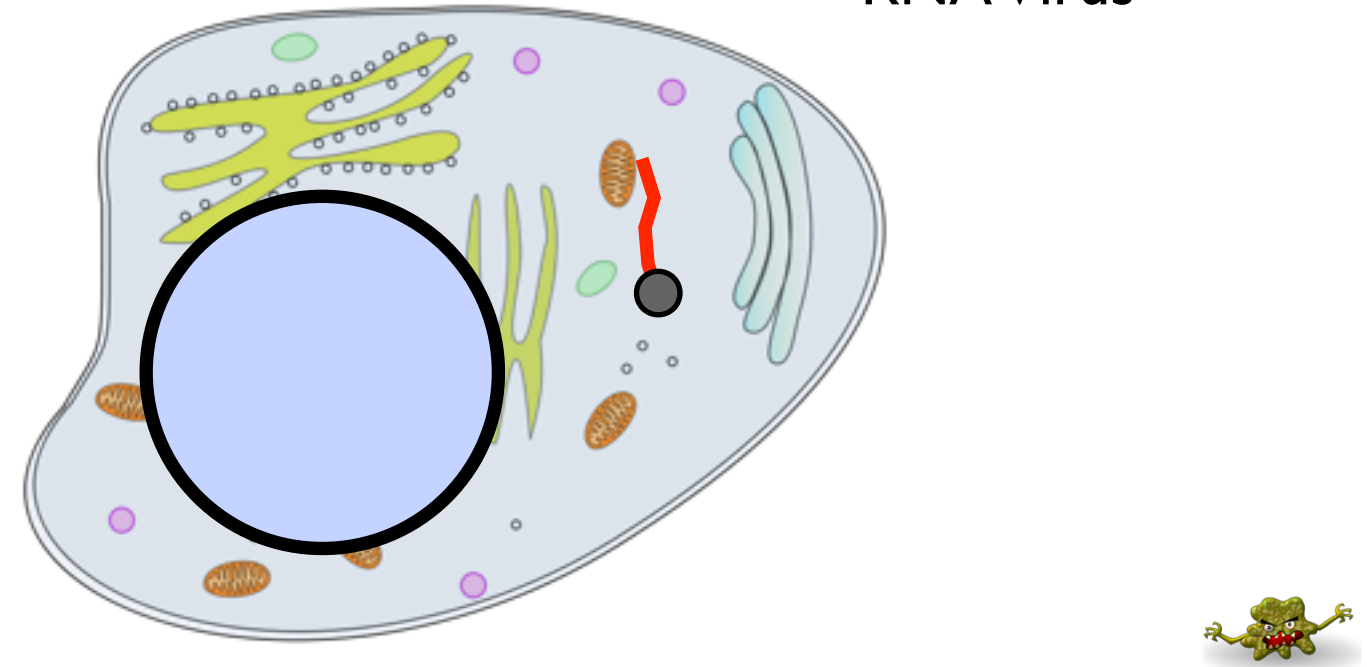
Lytic Cycle



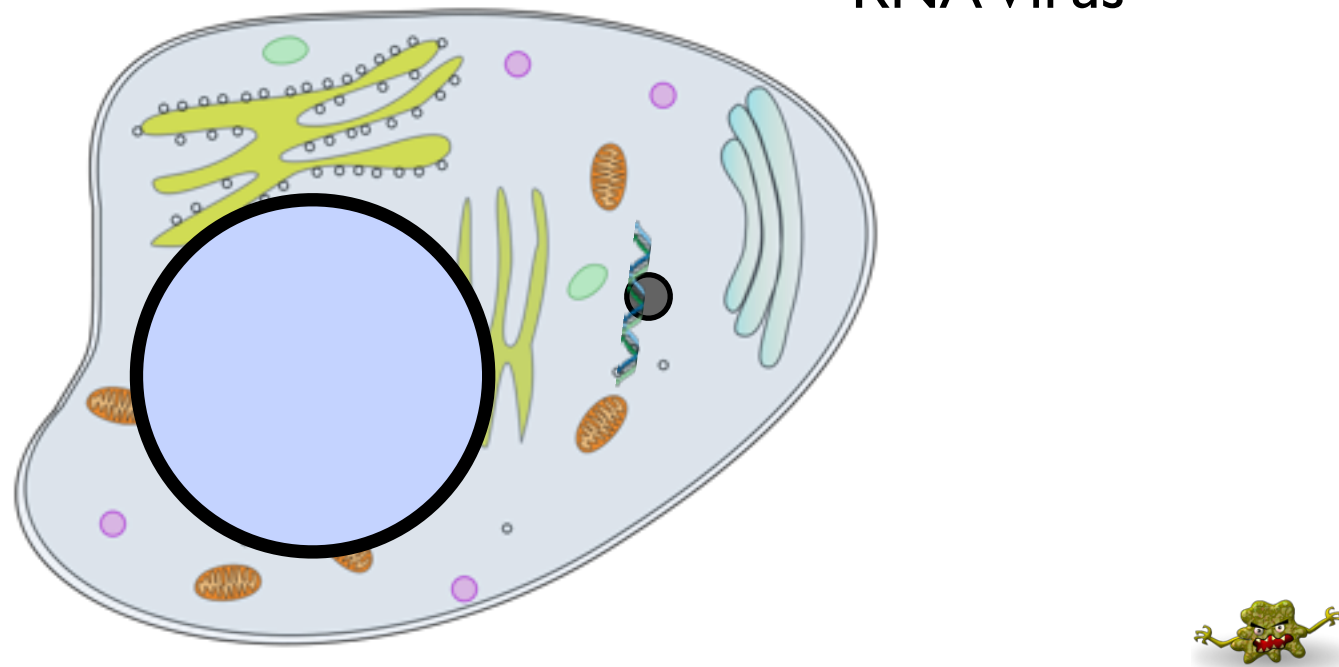
RNA Virus



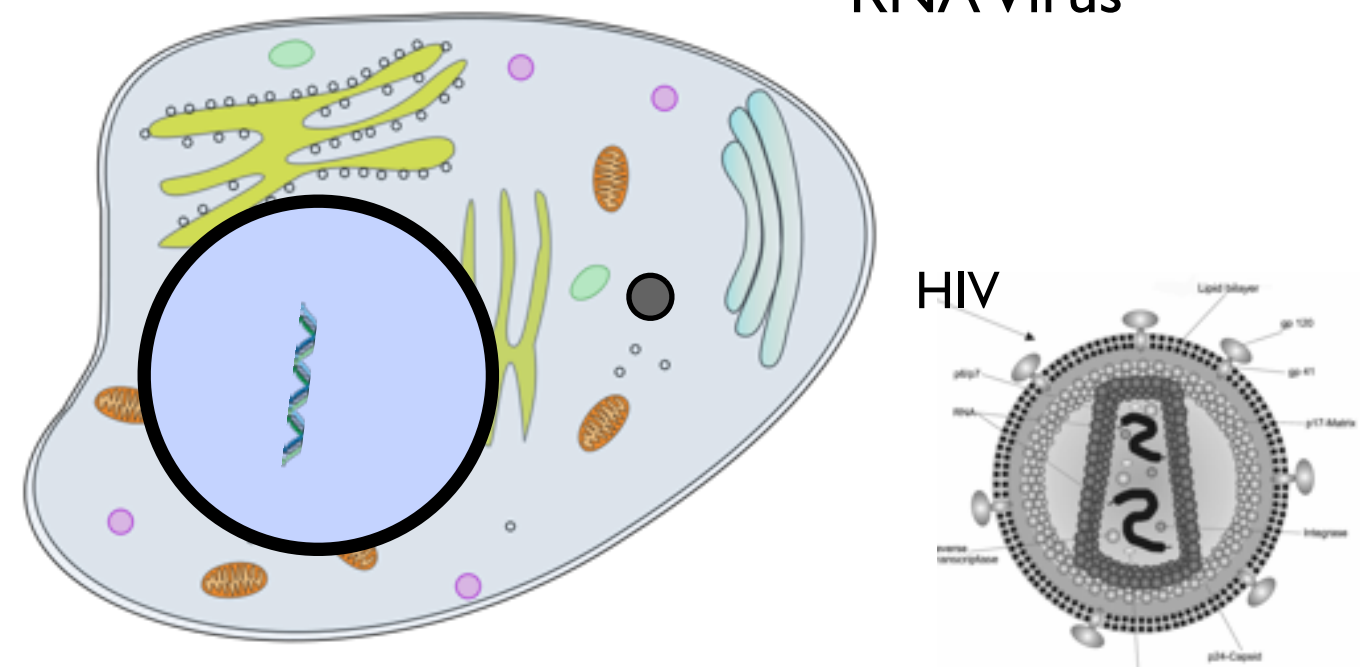
RNA Virus

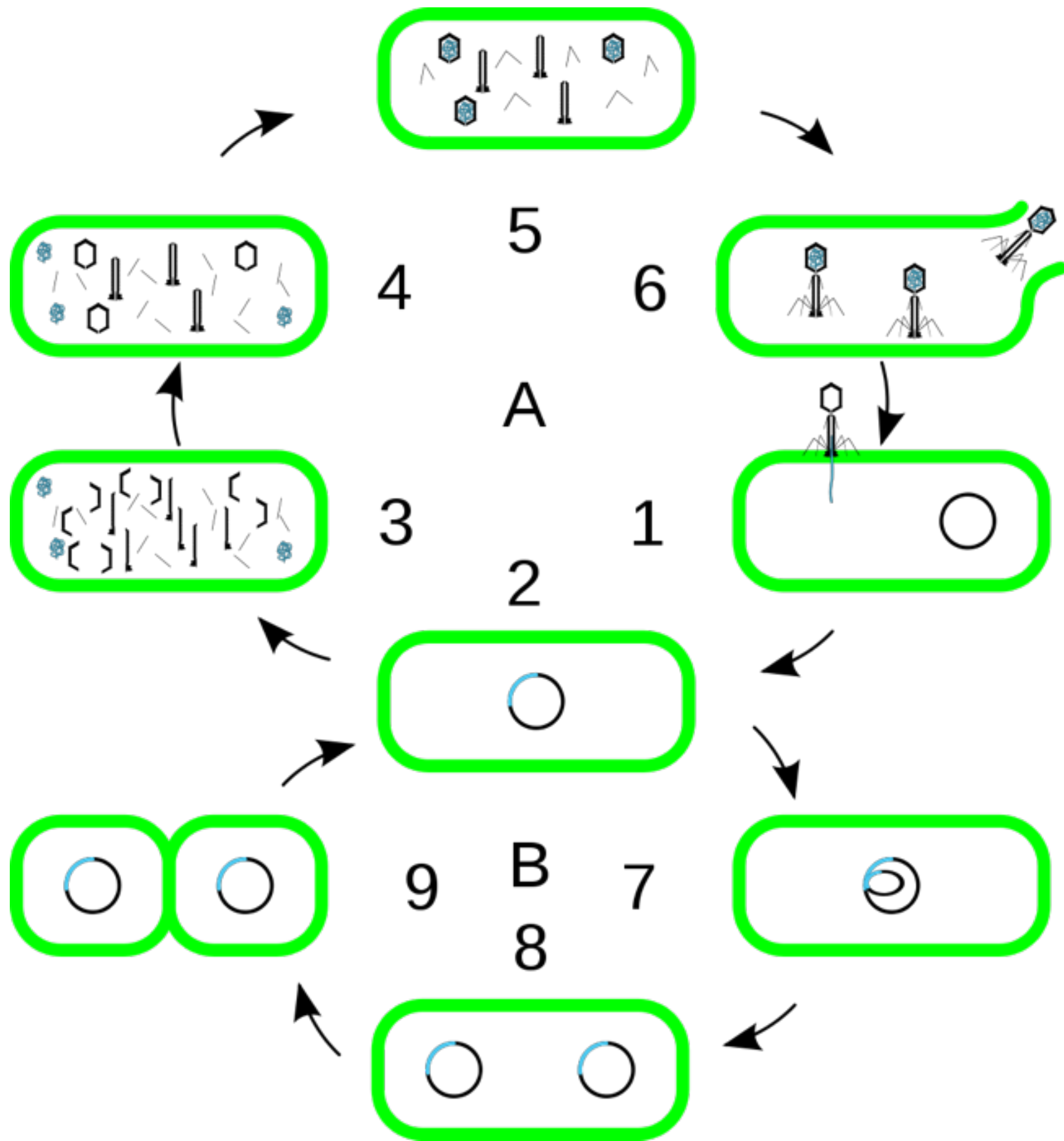


RNA Virus



RNA Virus

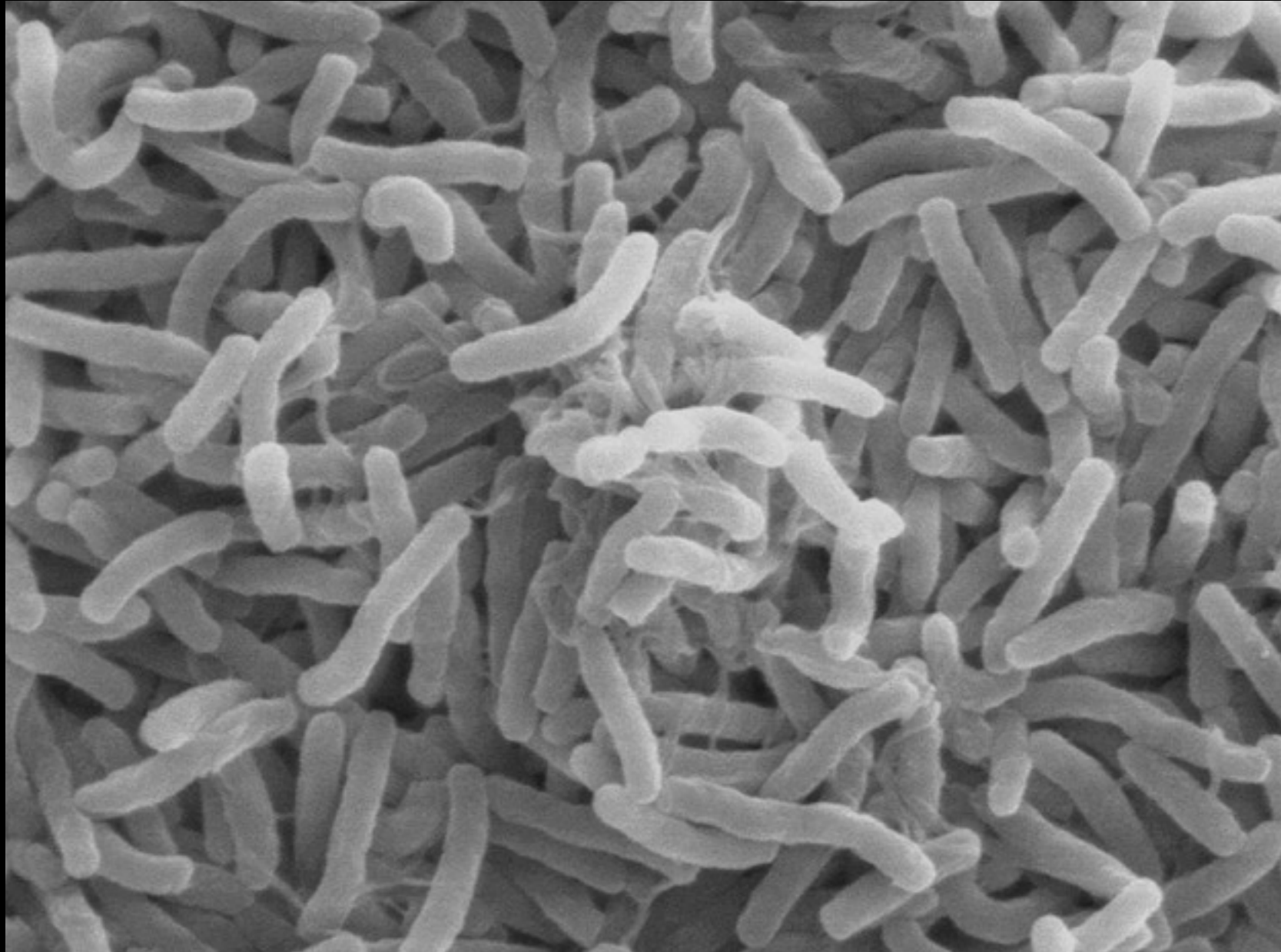




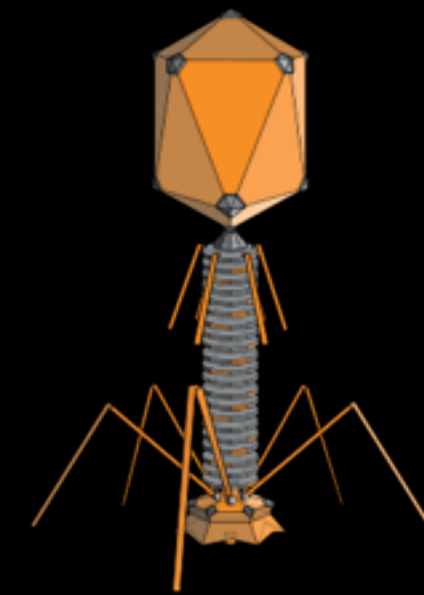
Lytic Cycle

Lysogenic Cycle

Cholera



Vibrio cholerae



CTX Phage

Acknowledgements

Animal Cell Clip Art, n.d. <http://www.clker.com/clipart-animal-cell.html>.

Cartoon Virus Clip Art, n.d. <http://www.clker.com/clipart-cartoon-virus.html>.

DNA, n.d. <http://openclipart.org/detail/58543/dna-by-kumar35885>.

“File:Adult Cholera Patient.jpg.” *Wikipedia, the Free Encyclopedia*. Accessed December 8, 2013. http://en.wikipedia.org/wiki/File:Adult_cholera_patient.jpg.

“File:Cholera Bacteria SEM.jpg.” *Wikipedia, the Free Encyclopedia*. Accessed December 8, 2013. http://en.wikipedia.org/wiki/File:Cholera_bacteria_SEM.jpg.

“File:Illu Conducting Passages.svg.” *Wikipedia, the Free Encyclopedia*. Accessed December 8, 2013. http://en.wikipedia.org/wiki/File:Illu_conducting_passages.svg.

“File:Phage2.JPG.” *Wikipedia, the Free Encyclopedia*. Accessed December 8, 2013. <http://en.wikipedia.org/wiki/File:Phage2.JPG>.

“File:PhageExterior.svg.” *Wikipedia, the Free Encyclopedia*. Accessed December 8, 2013. <http://en.wikipedia.org/wiki/File:PhageExterior.svg>.

“File:Rhinovirus.PNG.” *Wikipedia, the Free Encyclopedia*. Accessed December 8, 2013. <http://en.wikipedia.org/wiki/File:Rhinovirus.PNG>.

Germ 4c, n.d. http://openclipart.org/detail/28434/germ-4c-by-j_alves.

Martin, David. *Portrait of Benjamin Franklin*. Oil on canvas on panel, 1767. The White House Historical Association. http://commons.wikimedia.org/wiki/File:Benjamin_Franklin_1767.jpg.

Raul654, Translated by. *Hiv Gross*, [object HTMLTableCellElement]. Originally from GFDL image Image:Hiv gross german.png. http://commons.wikimedia.org/wiki/File:Hiv_gross.png.



www.bozemanscience.com