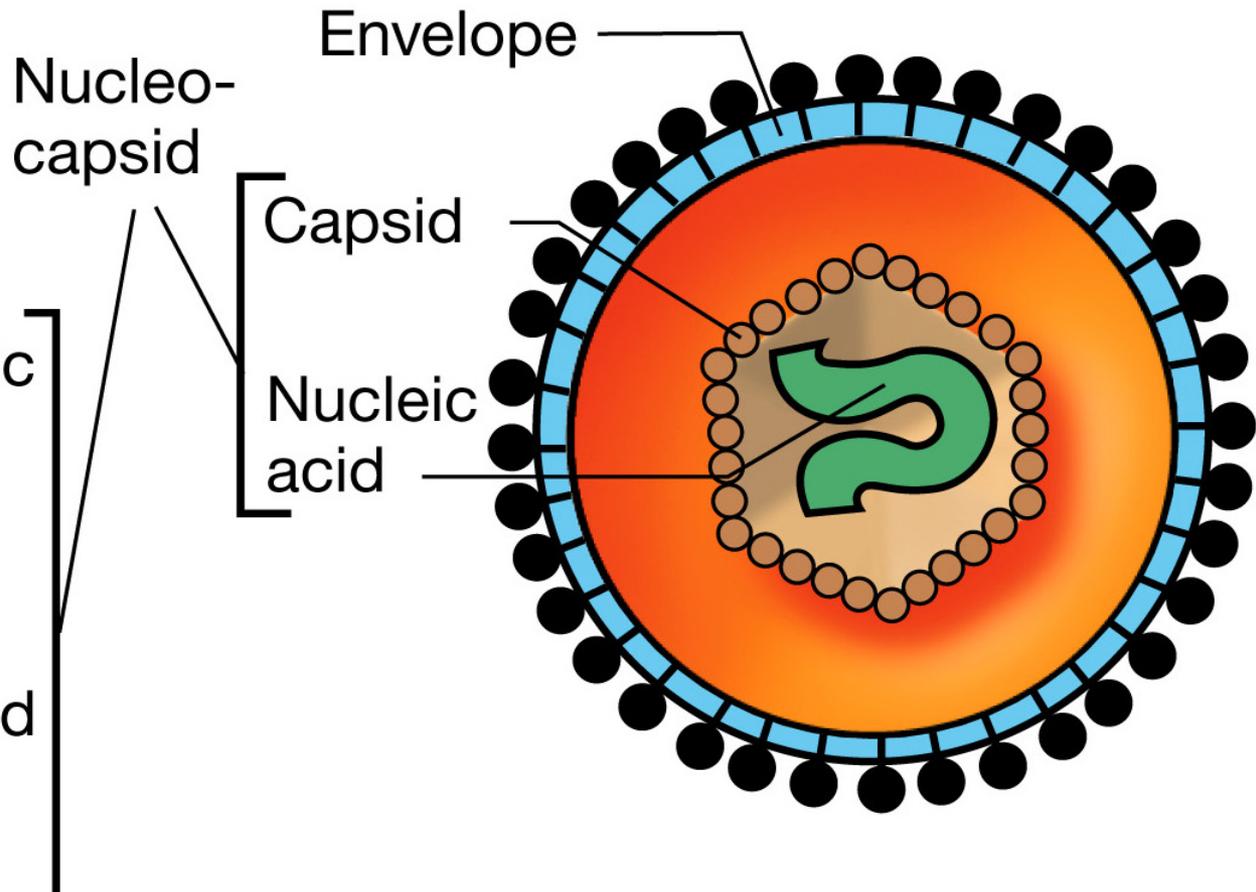
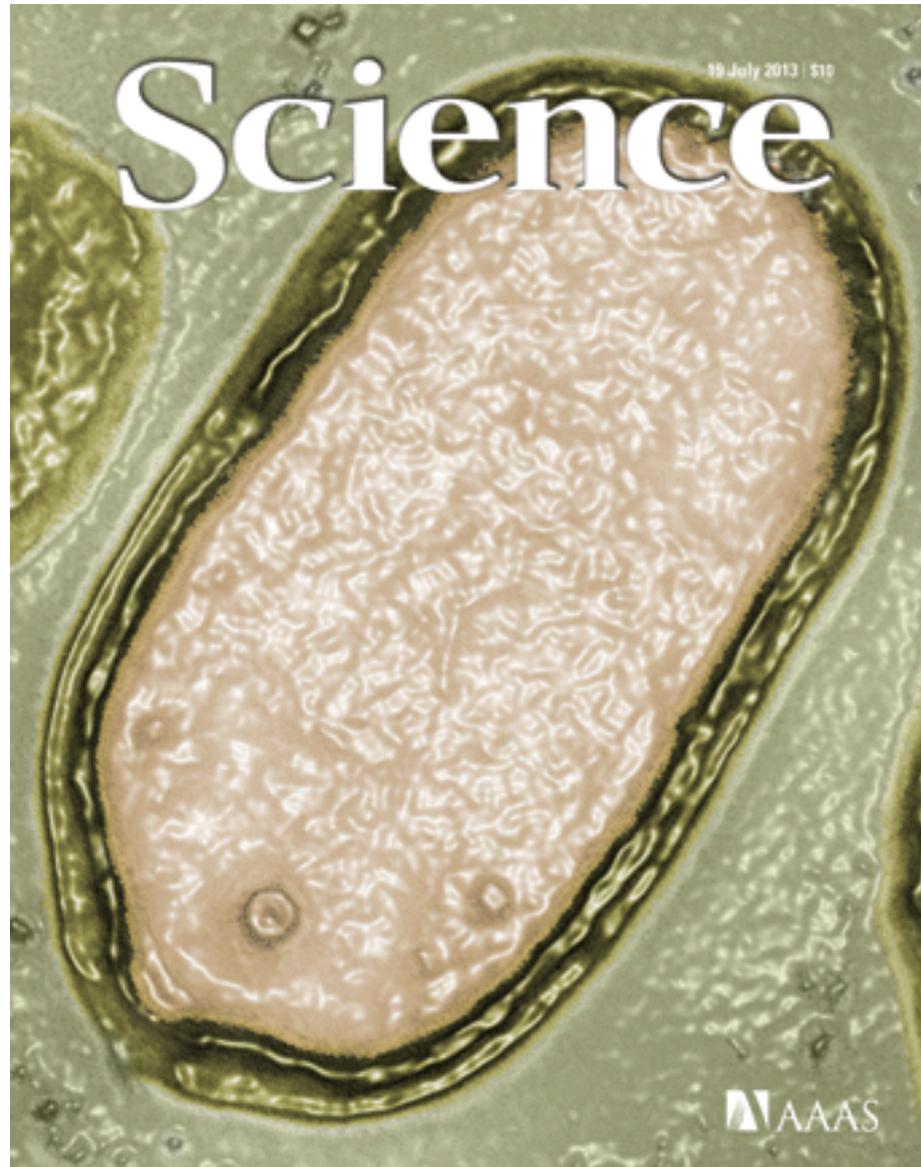


Naked virus



Enveloped virus



Science 2013年7月19日号

巨大ウイルス：パンドラウイルス（大きさ $1\mu\text{m}$ ）

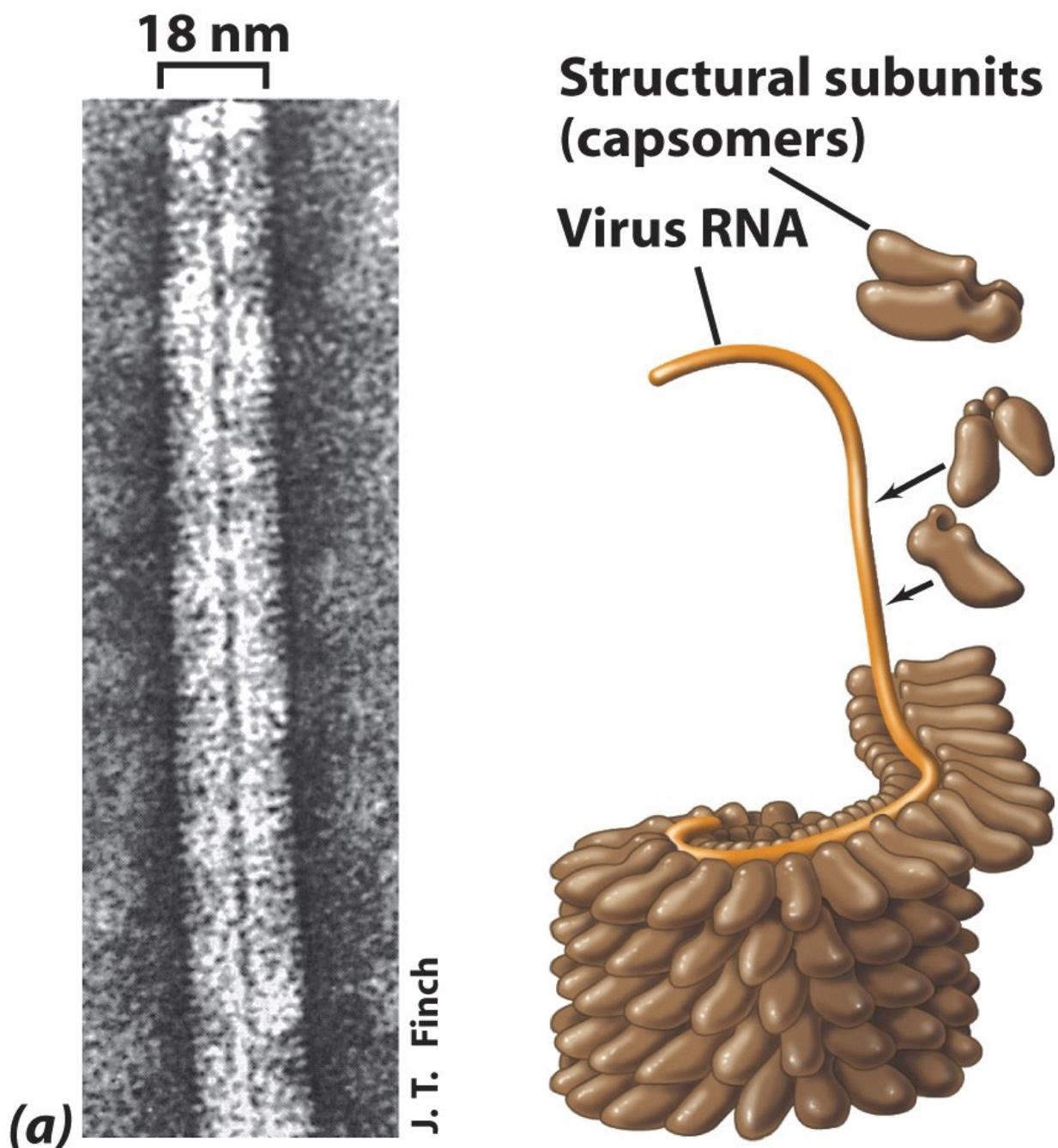


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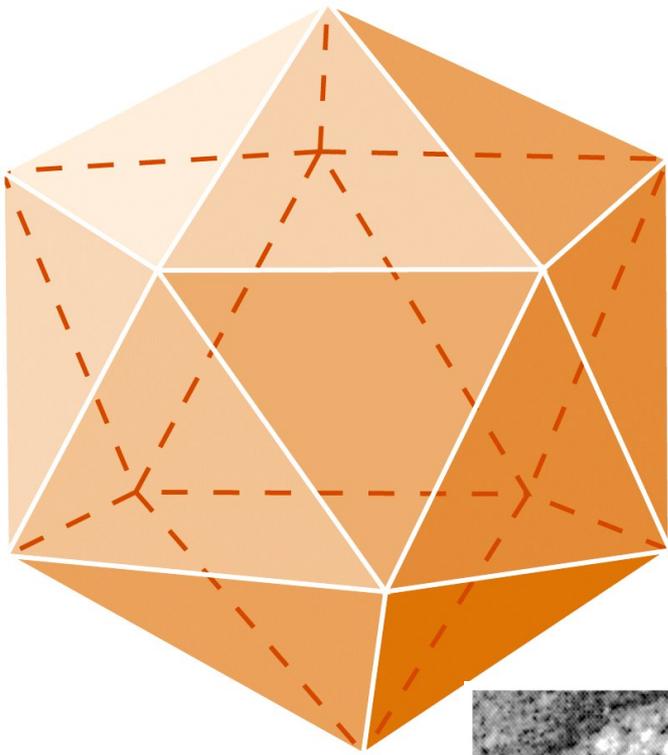


Figure 9-4a Brock Biology of Microorganisms 11/e
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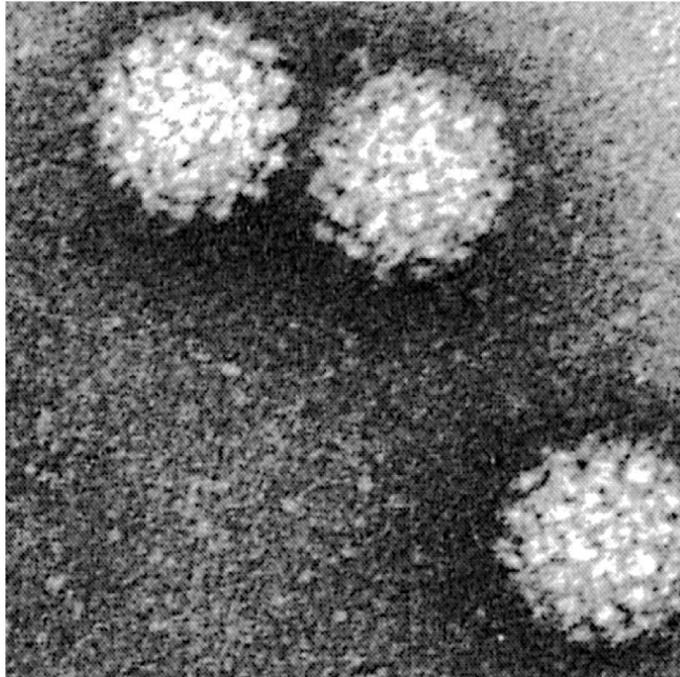


Figure 9-4b Brock Biology of Microorganisms 11/e
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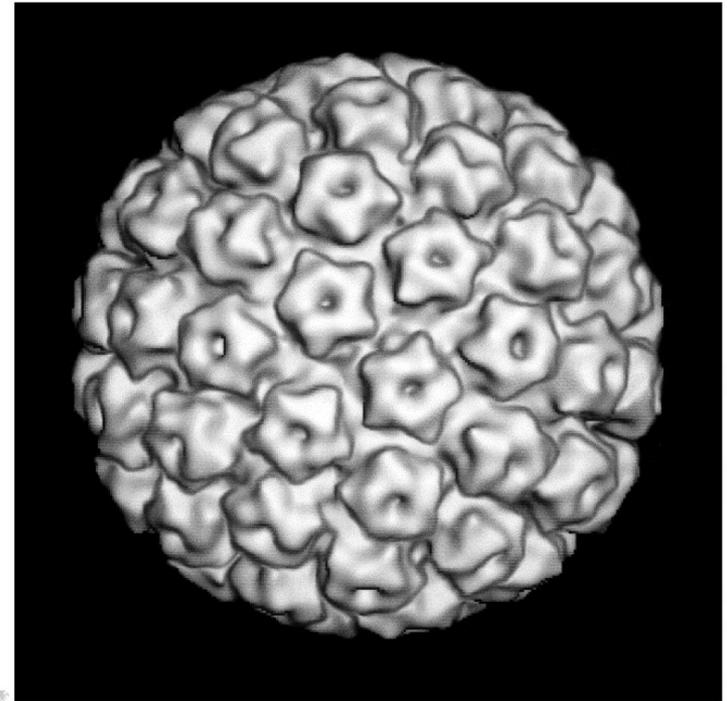
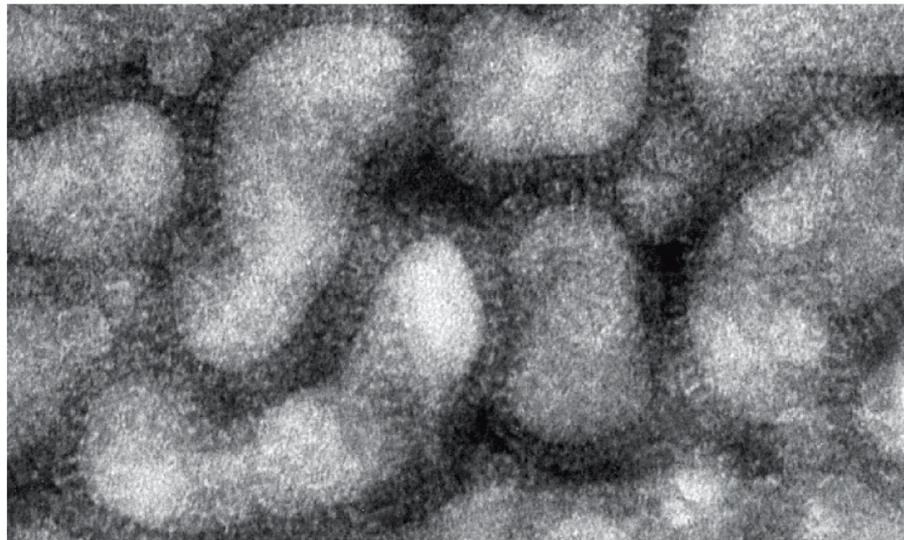


Figure 9-4c Brock Biology of Microorganisms 11/e
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W. F. Noyes

Tim Baker and Norm Olson



P. W. Choppin and W. Stoeckenius

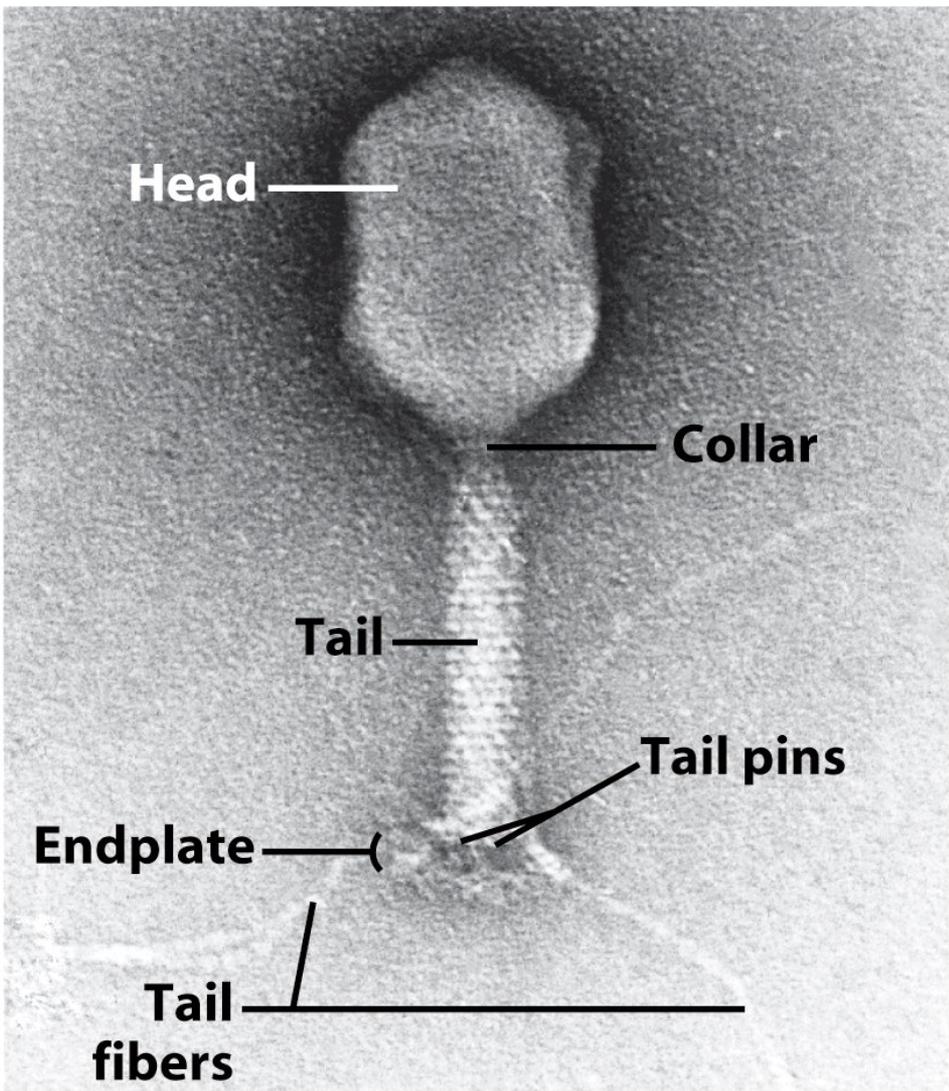
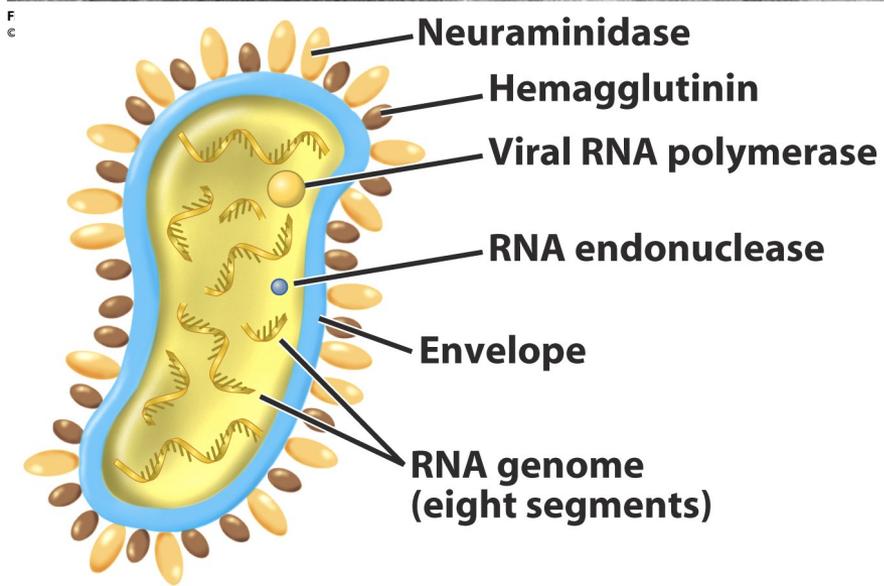
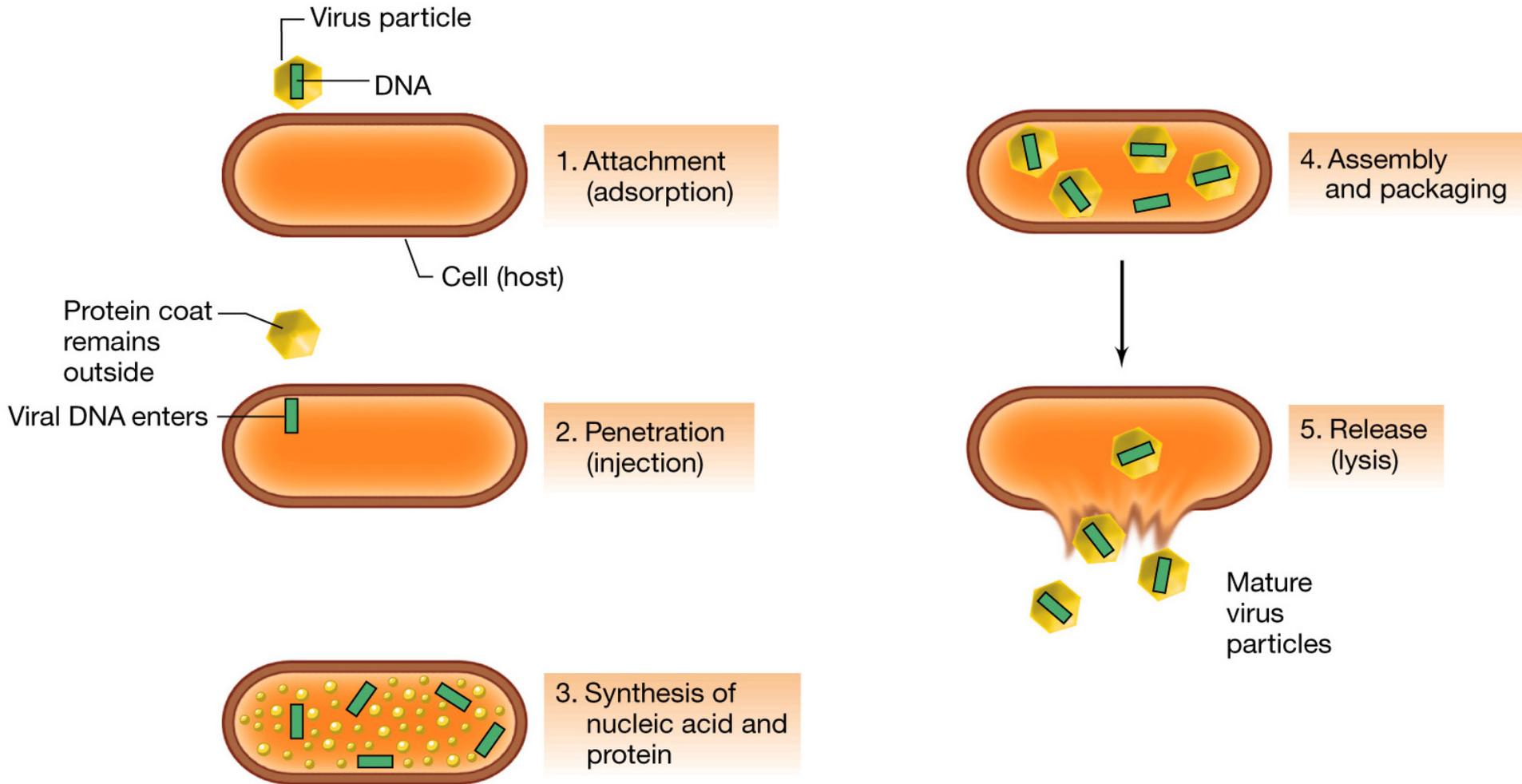
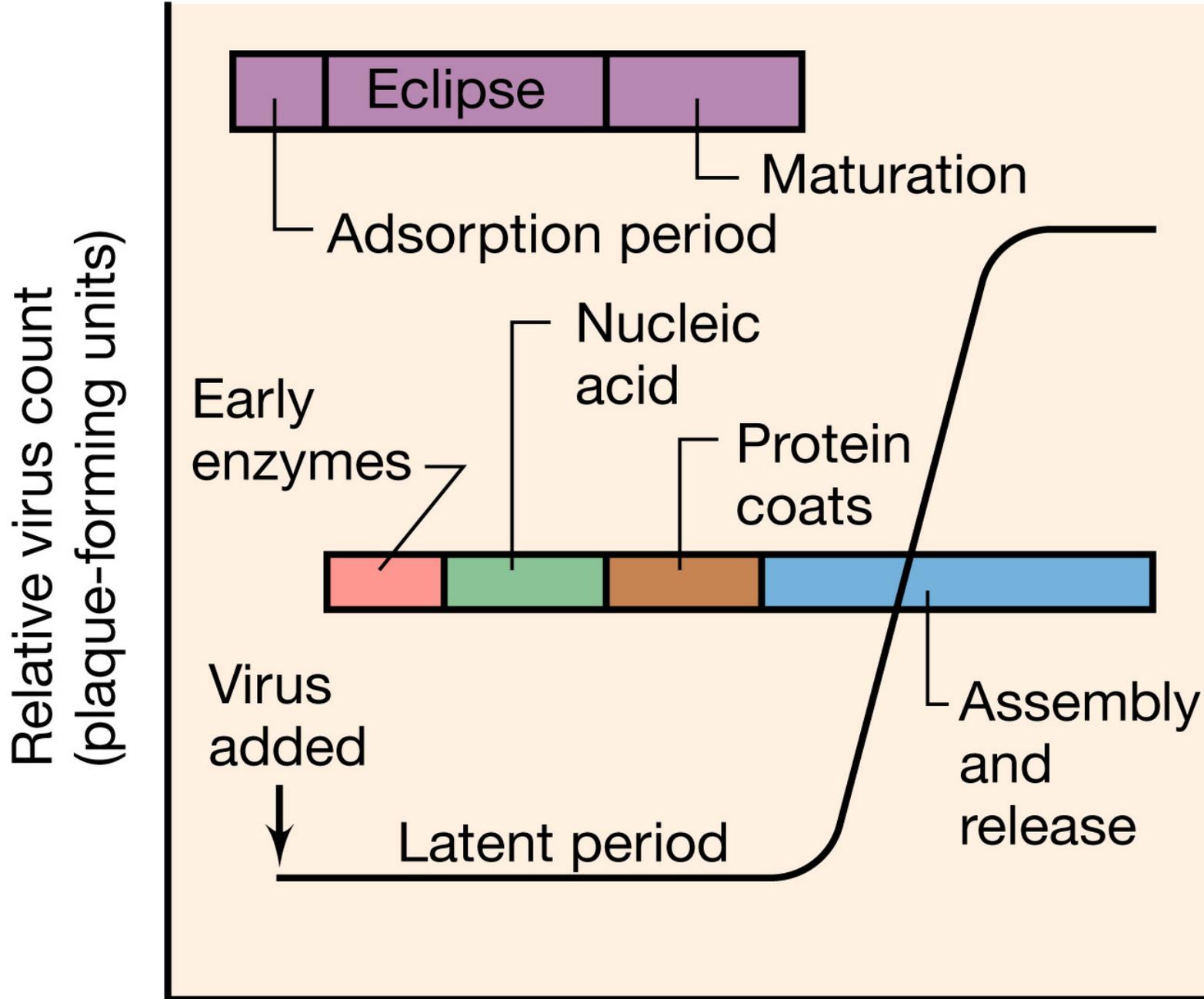
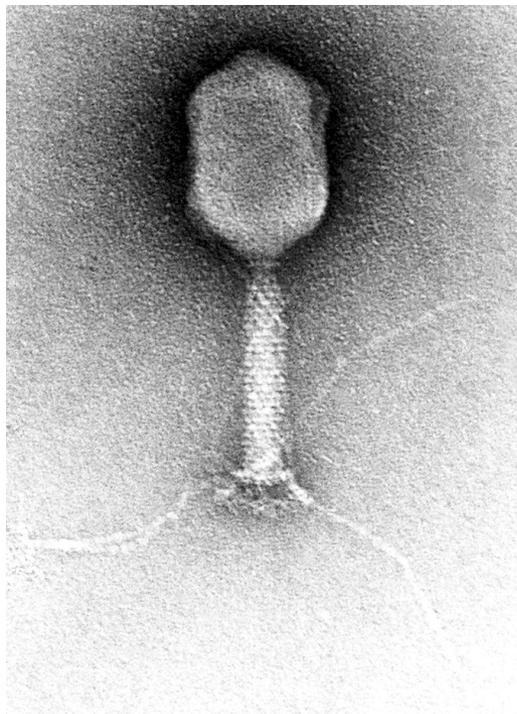


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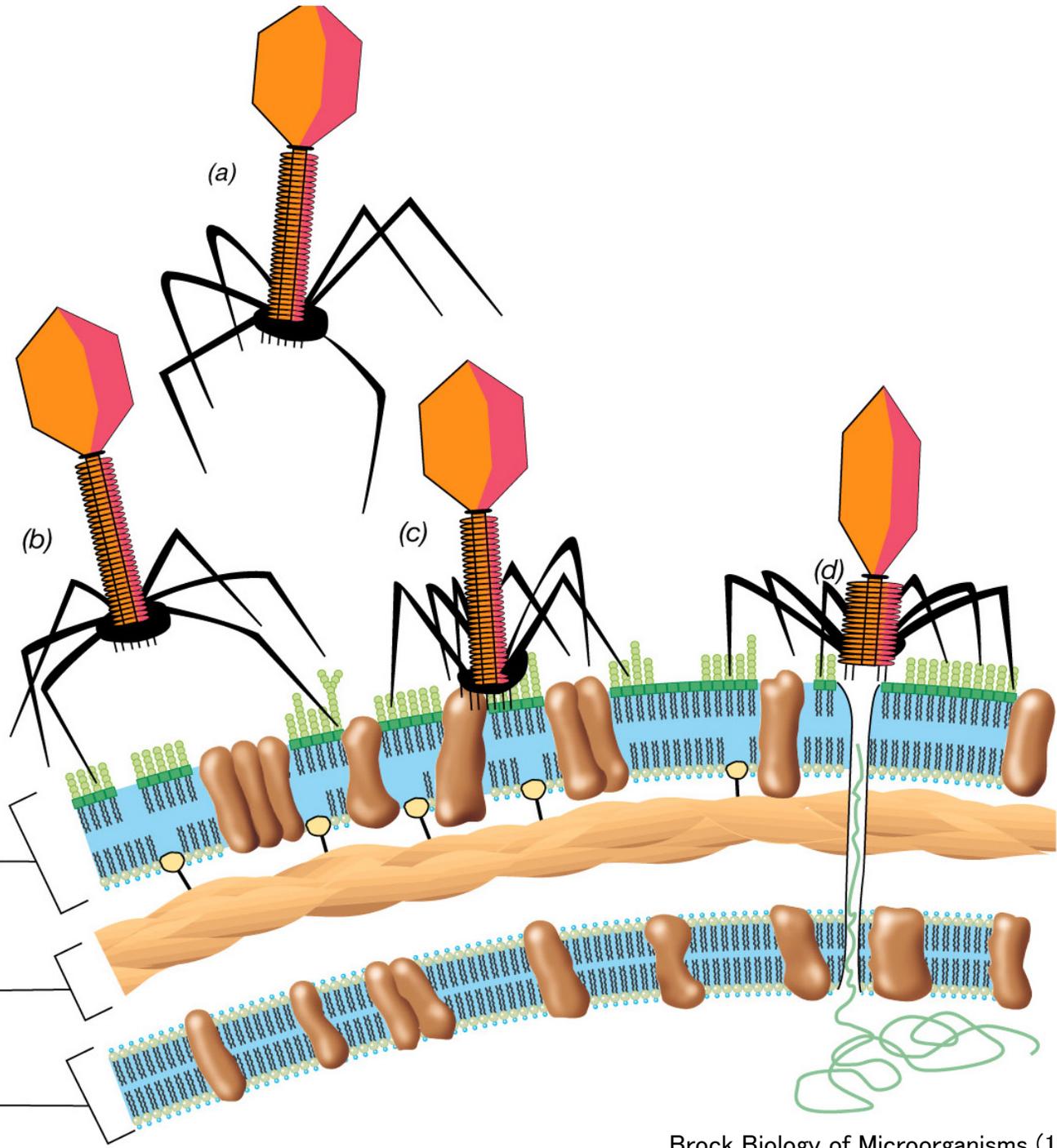
M. Wurtz

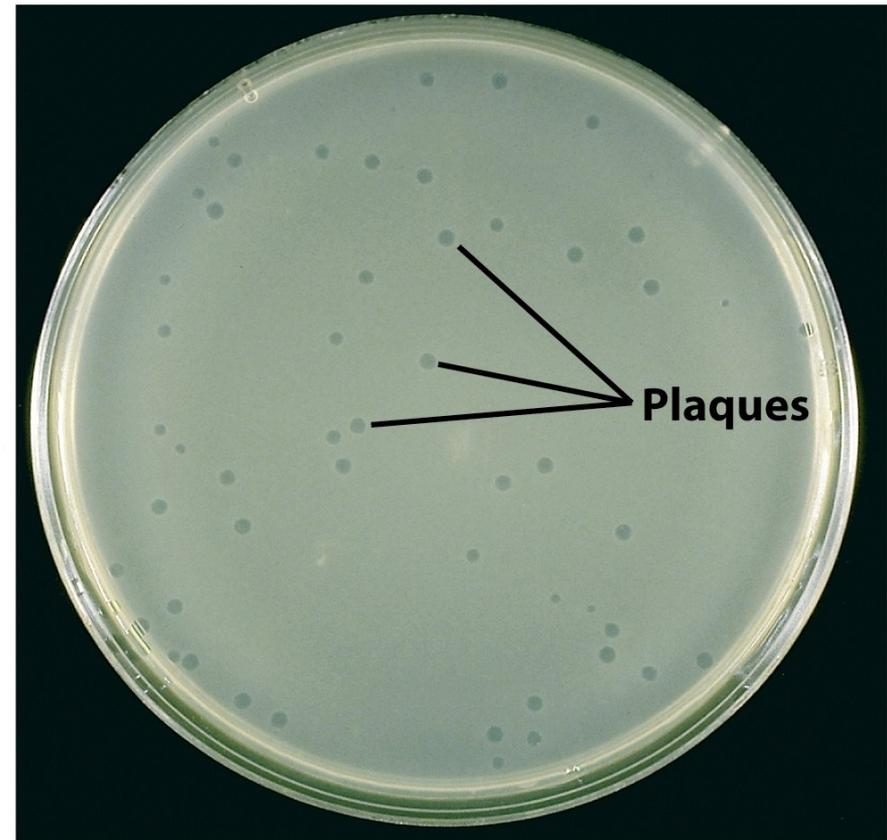
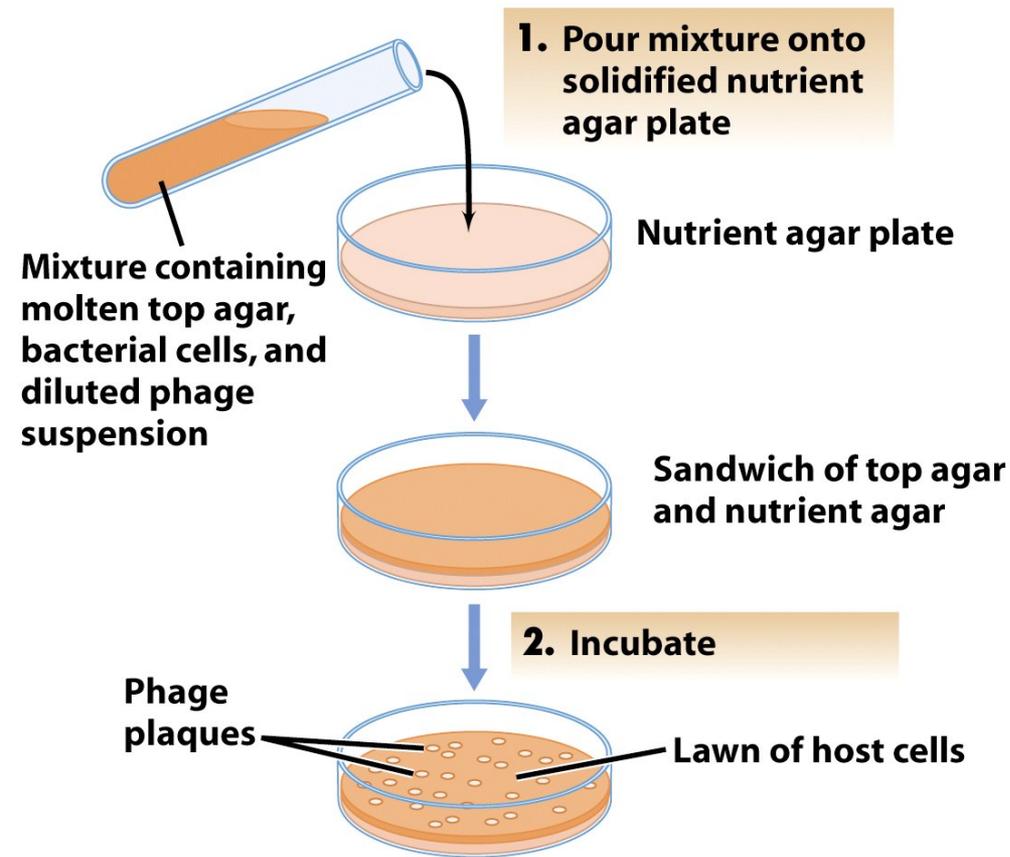






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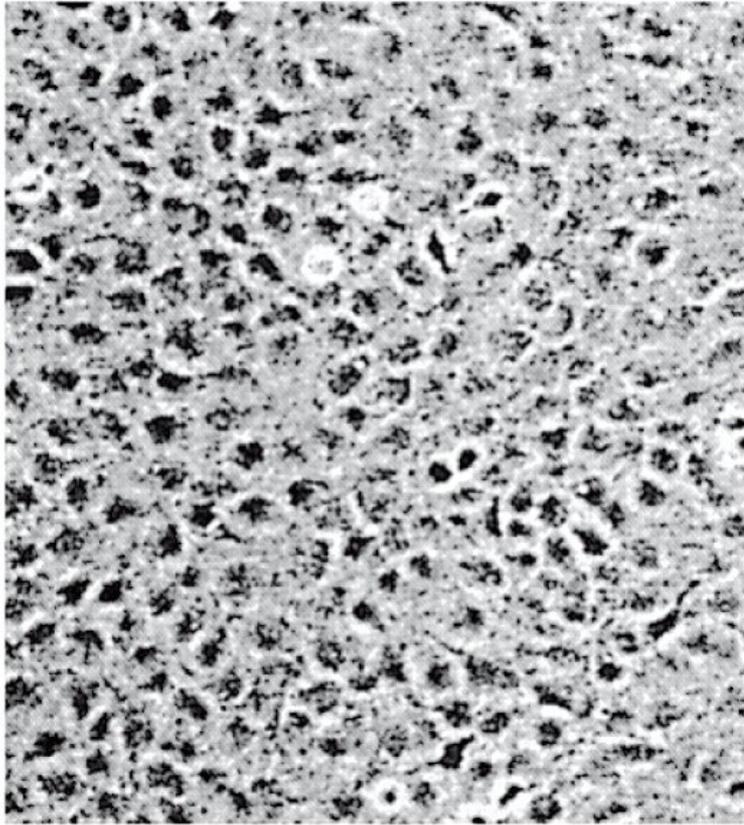




Jack Parker

Figure 9-6a Brock Biology of Microorganisms 11/e
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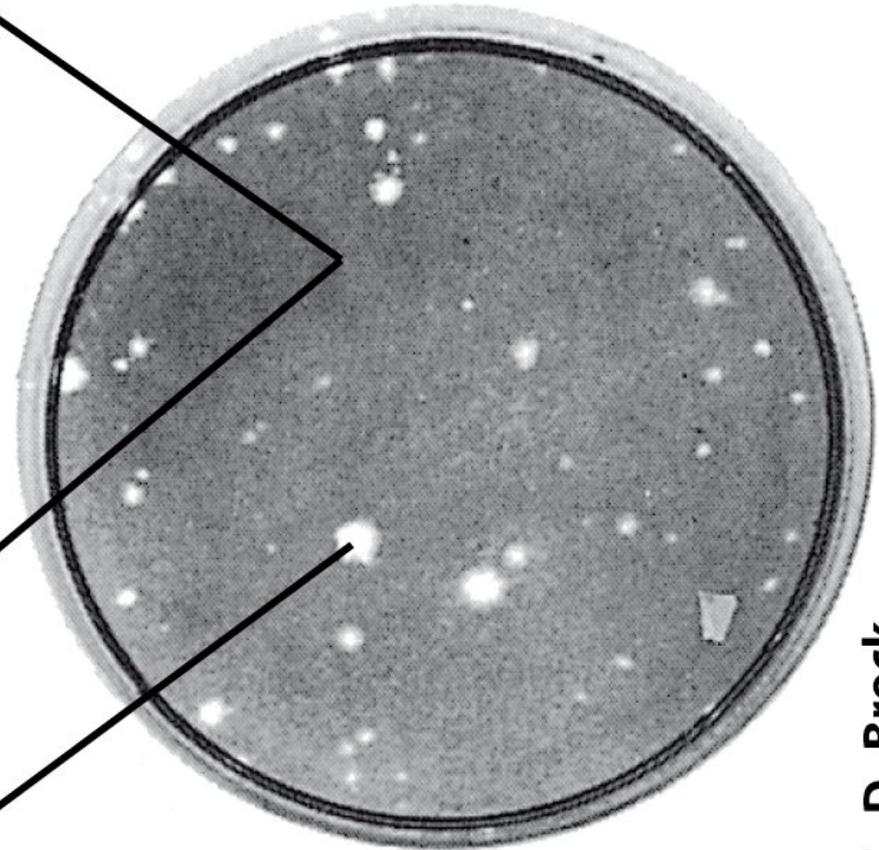
Figure 9-6b Brock Biology of Microorganisms 11/e
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Paul Kaplan

Confluent monolayer of tissue culture cells

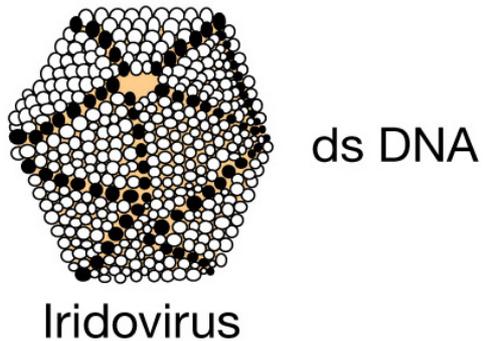
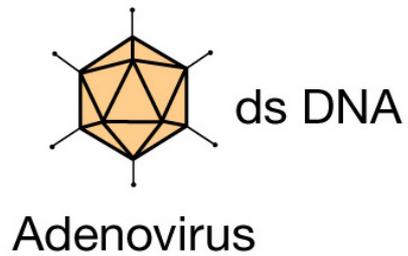
Viral plaques



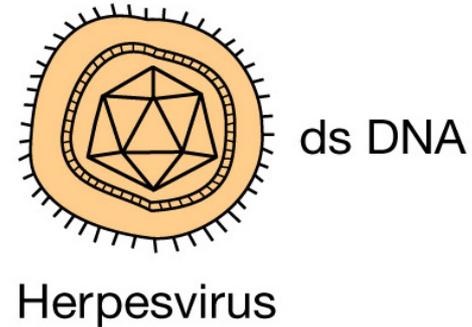
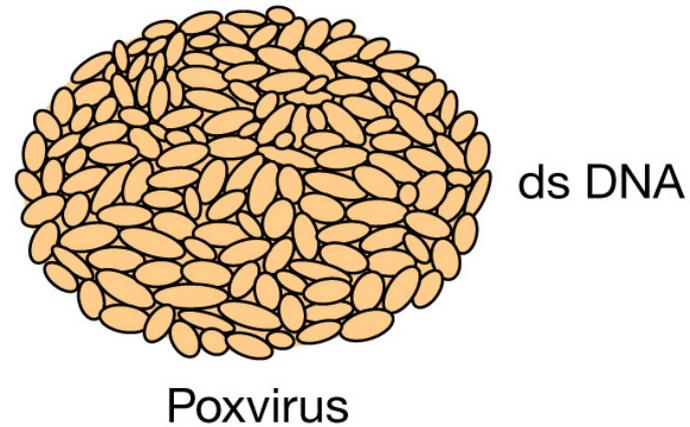
T. D. Brock

Figure 9-7 Brock Biology of Microorganisms 11/e
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Nonenveloped



Enveloped



100 nm

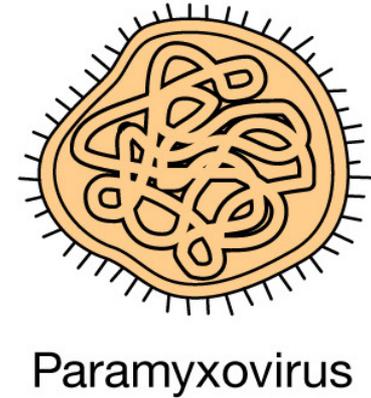
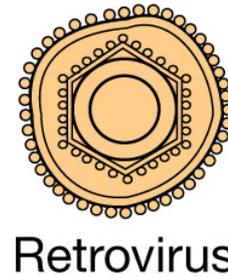
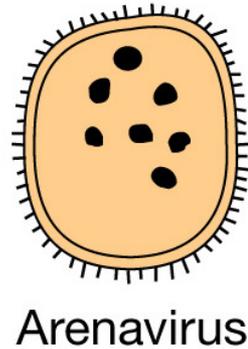
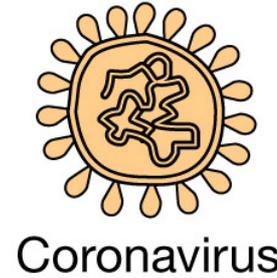
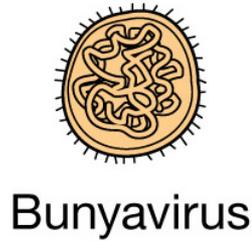
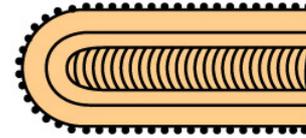
(a) DNA viruses

Nonenveloped



100 nm

Enveloped all ss RNA



(b) RNA viruses

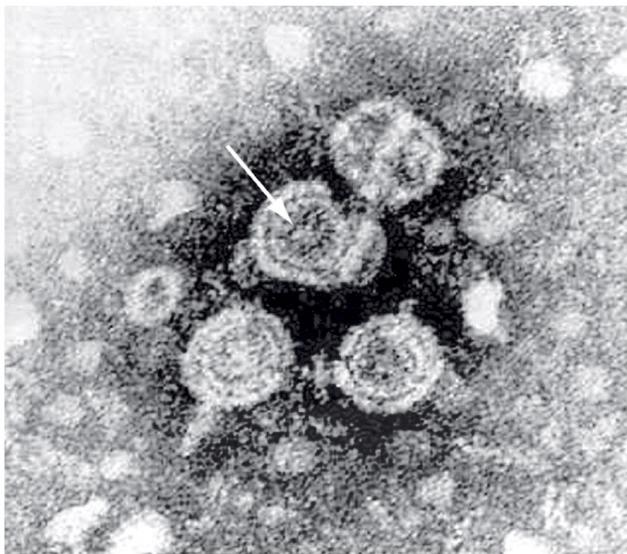


Figure 26-24 Brock Biology of Microorganisms 11/e
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CDC/Dr. Erika Palmer/DAI

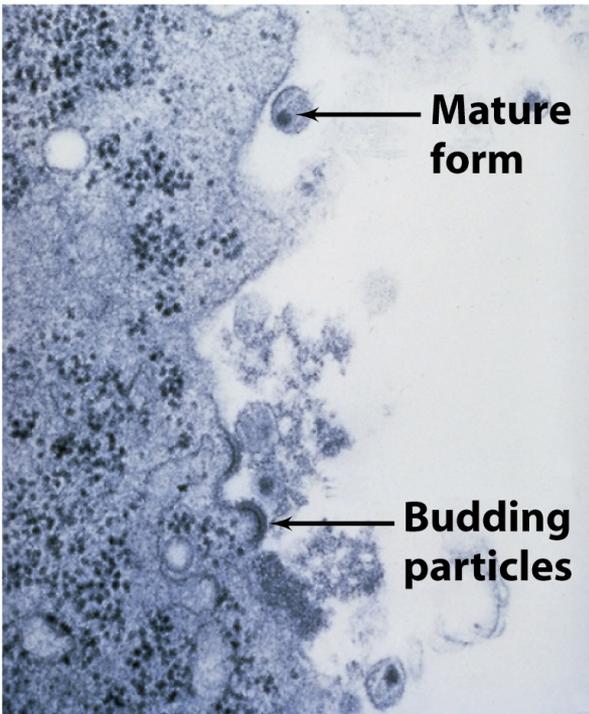


Figure 26-34 Brock Biology of Microorganisms 11/e
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Centers for Disease Control

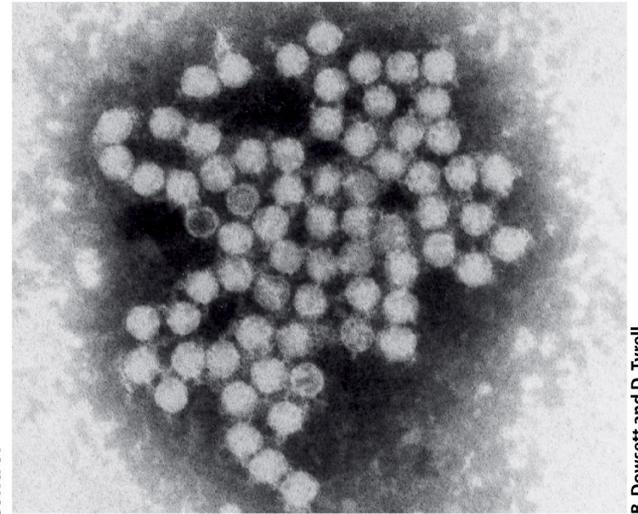
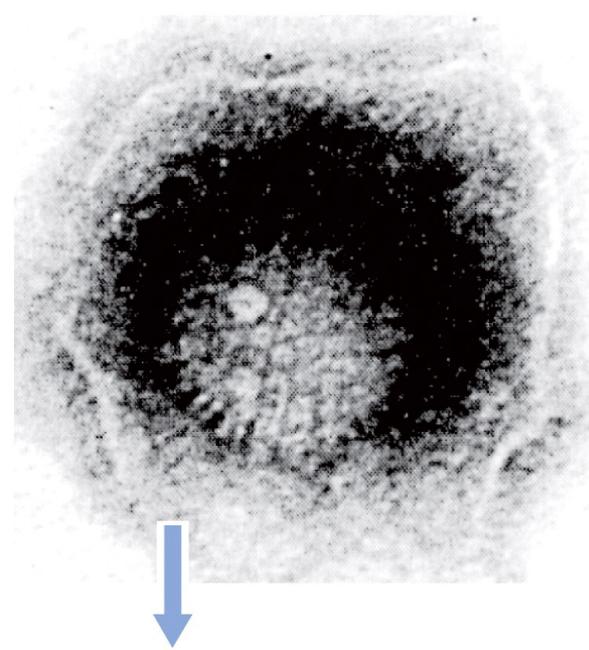


Figure 26-17a Brock Biology of Microorganisms 11/e
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B. Dowsett and D. Tyrell



Viral DN

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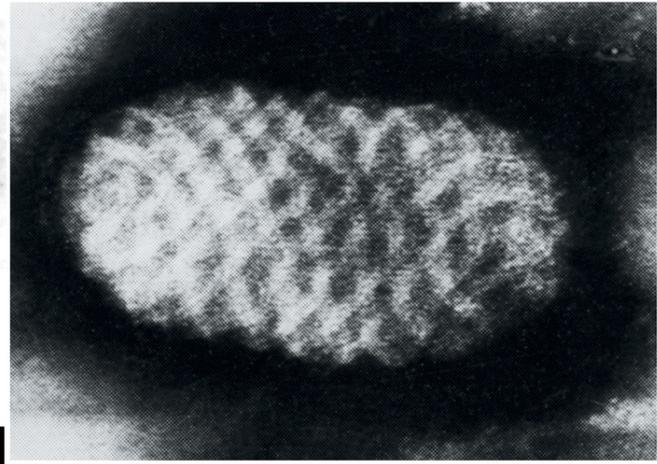


Figure 16-23 Brock Biology of Microorganisms 11/e
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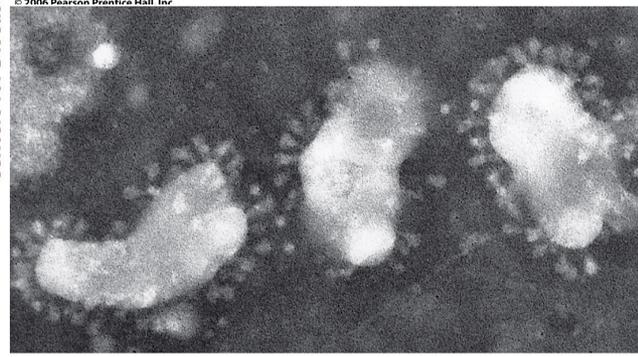


Figure 26-17b Brock Biology of Microorganisms 11/e
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Heather Davies and D. Tyrell

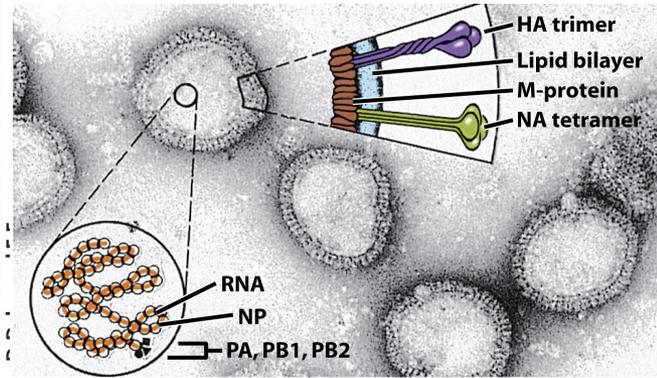
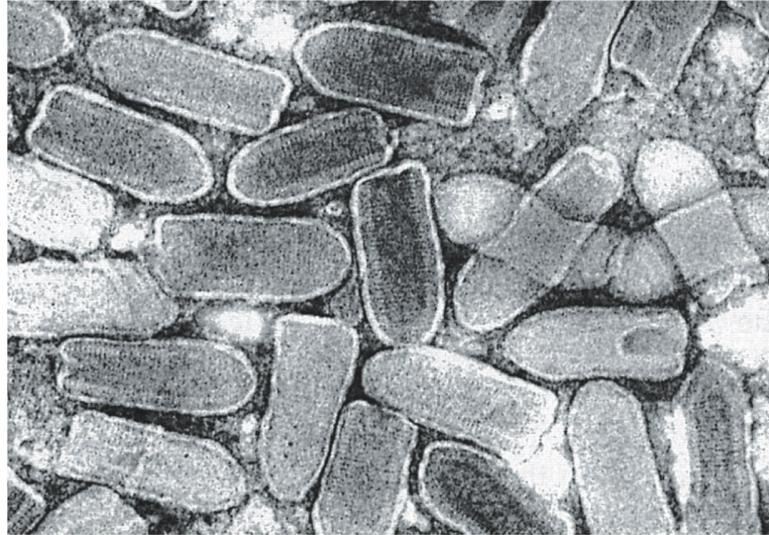


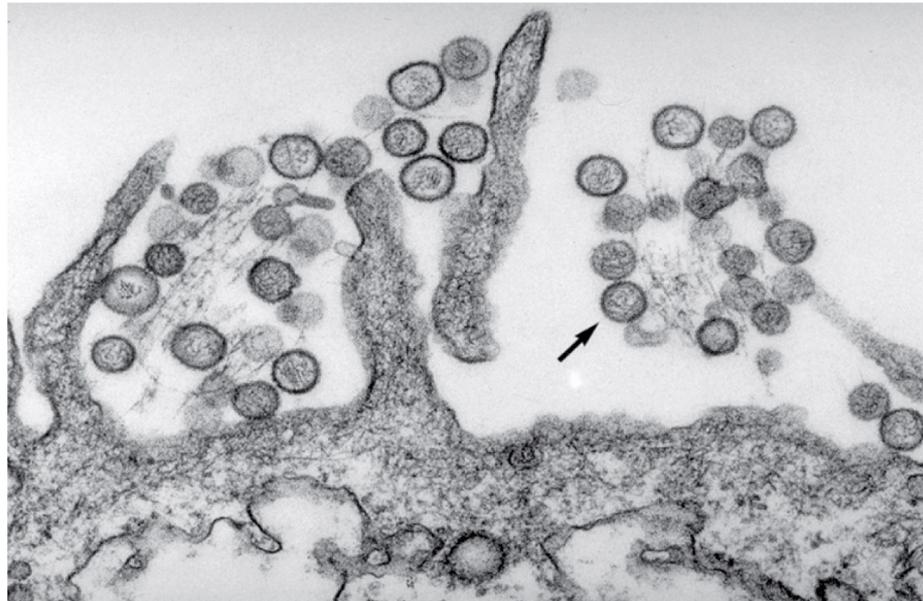
Figure 26-19 Brock Biology of Microorganisms 11/e
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Irene T. Schulze



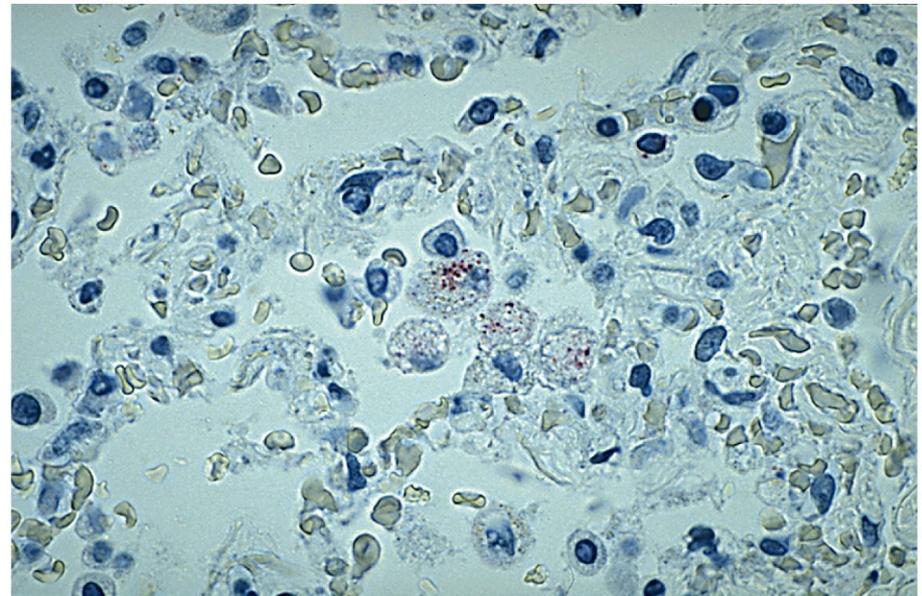
Erskine Caldwell

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Cynthia Goldsmith and Luanne Elliot, CDC

Figure 27-3a Brock Biology of Microorganisms 11/e
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Natalie Dolan, CDC

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