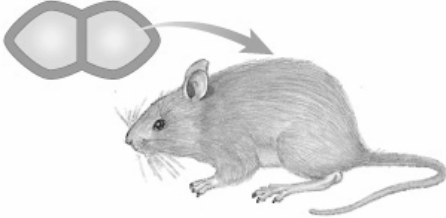
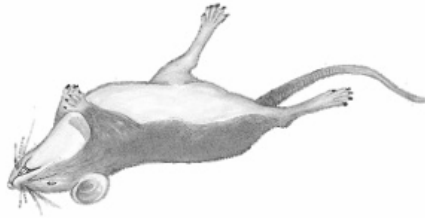


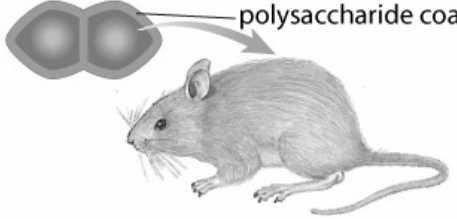

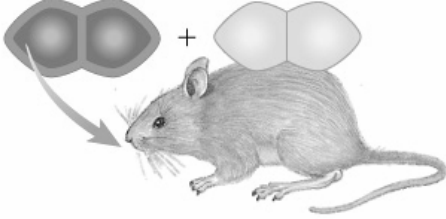
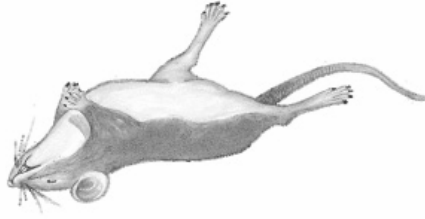


**CHAPTER 18****OVERHEAD****Griffith's Discovery of Transformation****BLM 18.1.1**

Injection of <i>Streptococcus pneumoniae</i>	Result
<p>Live pathenogenic strain of <i>S. pneumoniae</i></p> 	<p>Mice die</p> 
<p>Live non-pathenogenic strain of <i>S. pneumoniae</i></p> 	<p>Mice live</p> 
<p>Heat-killed pathenogenic strain of <i>S. pneumoniae</i></p> <p>polysaccharide coat</p> 	<p>Mice live</p> 
<p>Mixture of heat-killed pathenogenic and live non-pathenogenic strains of <i>S. pneumoniae</i></p> 	<p>Mice die. Their blood contains live pathenogenic <i>S. pneumoniae</i>.</p> 

Frederick Griffith found that hereditary information passed from dead bacterial cells to live bacterial cells. The live cells were transformed from a harmless form into a disease-causing form.