

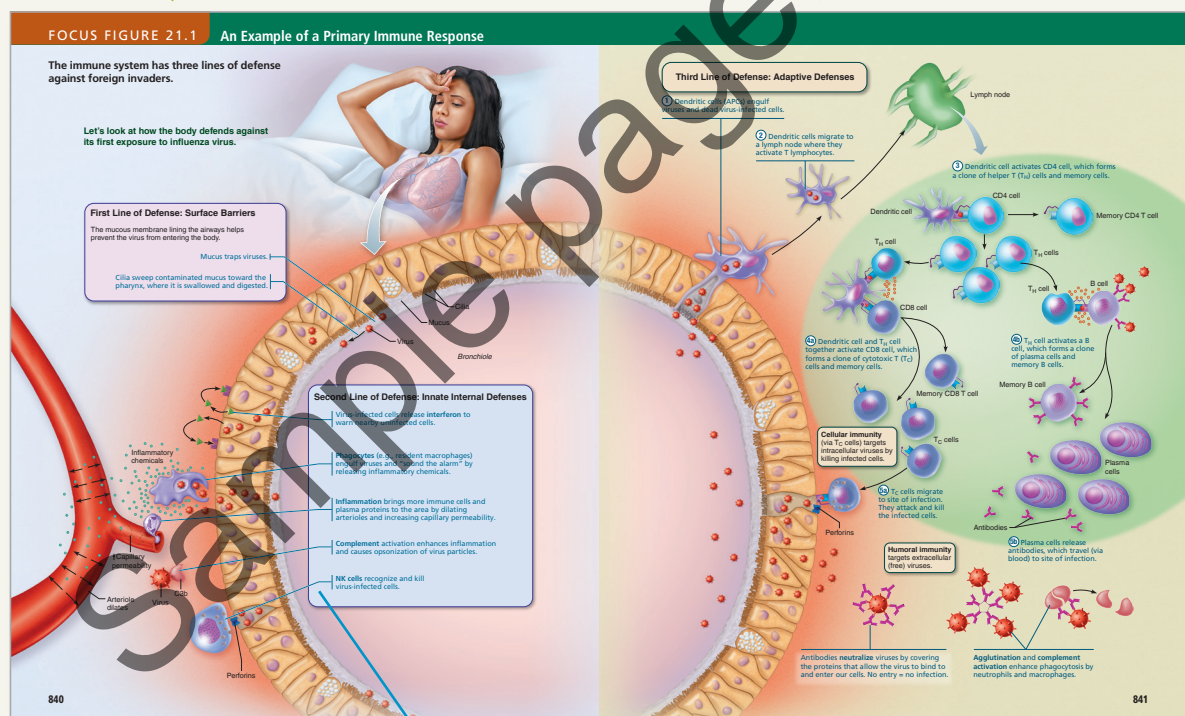
Study the Figures as You Read the Text

Anatomy and Physiology is a visual science. To succeed, you need to practice and develop visual literacy skills for understanding and interpreting information. To help you achieve this goal, the text and associated figures are tightly integrated so that you do not have to flip pages back and forth to connect visuals with words.

26 Focus Figures walk you through complex processes using exceptionally clear, easy-to-follow illustrations with integrated text explanations.

See pp.
840–841

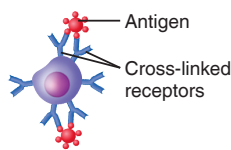
Focus Figure
“Mini-Animation”
Coaching Activities
bring some of the
Focus Figures to life
using short video
segments.



Blue text represents the voice of an A&P instructor, highlighting important points to remember.

Activation and Differentiation of B Cells

An immunocompetent but naive B lymphocyte is *activated* when matching antigens bind to its surface receptors and cross-link adjacent receptors together. Antigen binding is quickly followed by receptor-mediated endocytosis of the cross-linked antigen-receptor complexes. As we described previously, this is called *clonal selection* and is fol-



31 unique In-Line Figures are strategically placed within the text to visually reinforce the text discussion.

See p. 828