Block Three On-Line Review  
ANTIBODIES, HUMORAL IMMUNE RESPONSE, & VACCINES

The material covered in this block is taken from multiple chapters in the textbook, as we covered both antibodies & the humoral immune response. These 2 topics are difficult to separate, so review the material below which covers both areas. Especially note the Antibodies power point slides and activities that focus on these points.

ANTIBODIES AND HUMORAL IMMUNITY

1. Structure (light chains, heavy chains, Fab & Fc regions)  
2. Classes (types, major characteristics, functions at special anatomic sites)  
   Review pages 64-70 and 155-159 of the text.

3. Primary and Secondary Immune Responses (features and phases)  
   Review pages 123-126 of the text.

4. Affinity Maturation & Isotype Switching  
5. Memory  
   Review pages 133-141 of the text.

6. Secondary Effector Responses  
   Review pages 144-146 of the text.

VACCINES AND EVASION STRATEGIES

1. Vaccines (types, characteristics, principles)  
2. Evasion Strategies (types, examples)  
   Review pages 157-159 of the text, Understanding Vaccines supplemental reading, vaccine videos.

DISCLAIMER: The course material consists of the on-line presentations, readings from the book, and occasional additional reading materials. All of these materials are potential quiz and final exam material.