Block Four On-Line Review
CELL MEDIATED IMMUNITY

1. **Concept of self vs. foreign** (role of MHC)
   Review the slides on these topics.

2. **Thymus**
   - Characteristics
   - Negative vs. positive selection
   - T cell types
   Review the slides on these topics.

3. **Antigens**
   - Characteristics
   - Definitions
   - T-independent antigens vs. superantigens
   Review the slides on these topics.

4. **Antigen Recognition and Presentation**
   - T cells (Th1 and Th2 helper characteristics, functions, etc)
   - Role of MHC I and II Restriction
   - Processing and presentation of protein antigens
   - Antigen recognition and costimulation
   For MHC info & antigen processing, review pages 47-53 and 53-60 of the text.
   For Ag recognition & costimulation, review pages 86-96 of the text.

5. **Effector Mechanisms**
   - Types, effector cells
   - Cell mediated immunopathology
   - Cytokines
   - Regulation
   Review pages 105-111 and 115-120 of the text. Review the slides on cytokines.

**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.*