**Teaching unit 2**

1. Definition and function of antigen presenting cells
2. Professional antigen presenting cells
3. Nonprofessional antigen presenting cells
4. Antigens recognized by T lymphocytes
5. Antigen presentation
6. The role of dendritic cells in antigen uptake and presentation
7. Characteristics of MHC genes
8. Characteristics of MHC molecules
9. Structure and function of MHC I molecules
10. Structure and function of MHC II molecules
11. Processing and presentation of antigens within MHC I molecules
12. Processing and presentation of antigens within MHC II molecules
13. Cross presentation
14. Physiological Significance of Antigen Presentation Within MHC
15. What can B cells see?