

Functions of CD4⁺ Effector T Cells

Chapter 10

I. Introduction

II. Th1

- A. Cytokine = IFN- γ
- B. Location
- C. Development
- D. Function
 - 1. classical macrophage activation
- E. CD40L - CD40
- F. Intracellular microbes

III. Th2

- A. Cytokines
- B. Location
- C. Development
- D. Function
 - 1. IL-4
 - 2. IL-13
 - 3. IL-4 & -13
 - a. alternative macrophage activation
 - 4. IL-5

IV. Th17

- A. Cytokines
- B. Location
- C. Development
- D. Function
 - 1. IL-17
 - 2. IL-22
- E. Disease Contribution

V. Tfh

- A. Cytokines
- B. Location
- C. Function