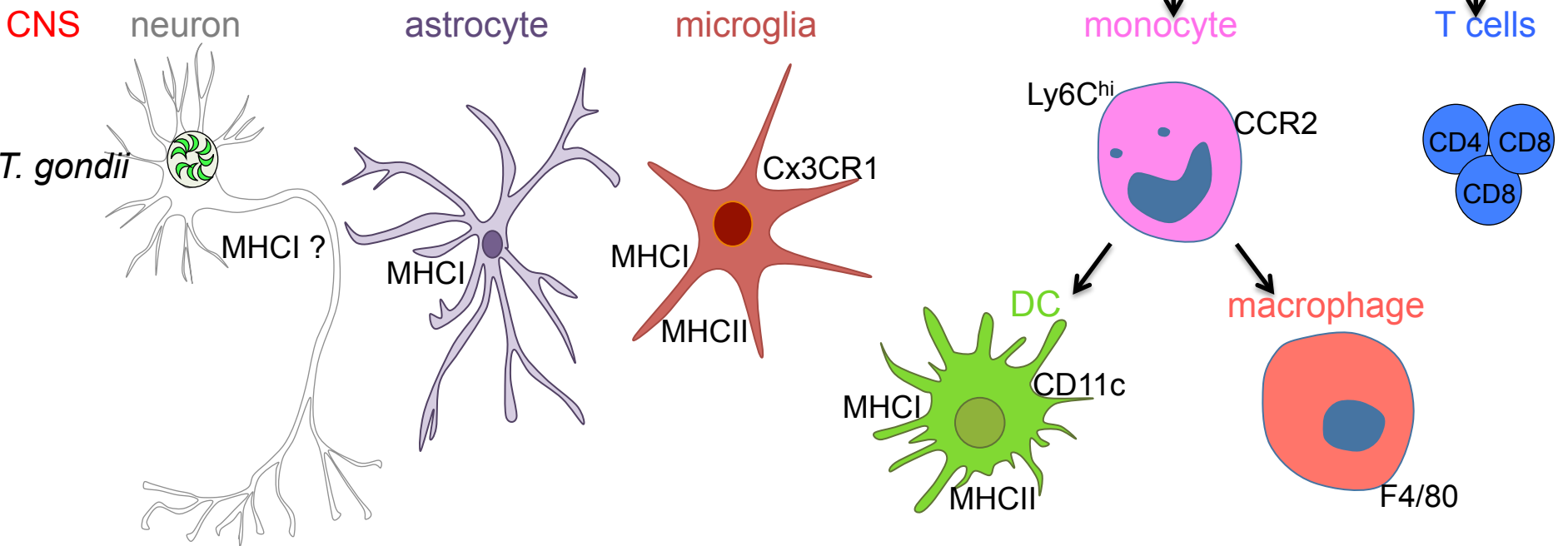


periphery

BBB

CNS



-IL-6  
-TGF- $\beta$   
-MIP-1 $\alpha$ ,  $\beta$

-IL-1, IL-6  
-IL-27, TGF- $\beta$   
-MCP-1, CxCL10  
  
-Intracellular kill:  
IDO, IRGs, GBP  
-Ag presentation?

-IL-1, IL-6, IL-12, IL-15  
-IL-10, IL-27  
  
-Intracellular kill:  
IRGs, GBP, autophagy  
  
-Phagocytosis  
-Ag presentation?

-IL-1, TNF  
-ROS, iNOS  
-IL-10

-IFN- $\gamma$ , TNF  
-direct cytotoxicity  
on neurons?

-IL-12  
  
-T cell priming  
-In situ Ag presentation

-IL-1, IL-6  
  
-Phagocytosis  
-In situ Ag presentation