

- Immunity:

- **Function:** Fight _____ through the production of cells that inactivate foreign substances or cells.

A. _____ specific Defense:

1. First line of nonspecific defense:

- A) _____: Hard-to-penetrate!

- Keep things out

- B) _____ (sticky)

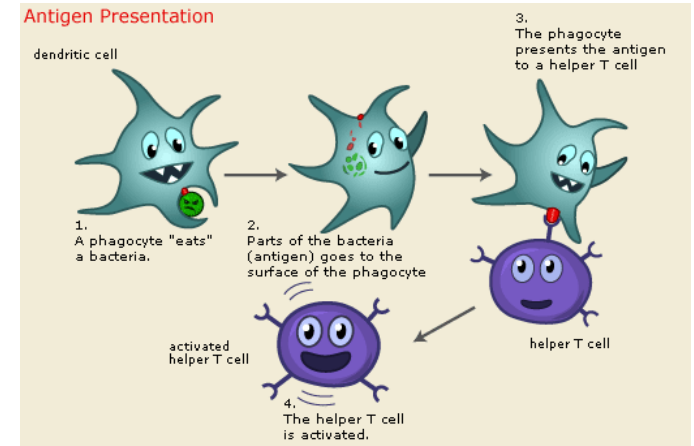
- Trap things

2. Second line of nonspecific defense:

- A) _____: Heat (_____)

- Response to damage or infection
- 2nd line because it has snuck past the first line
- TRY TO BOIL IT TO DEATH!

- B) _____: Virus infected cells make this to **interfere with viral growth**

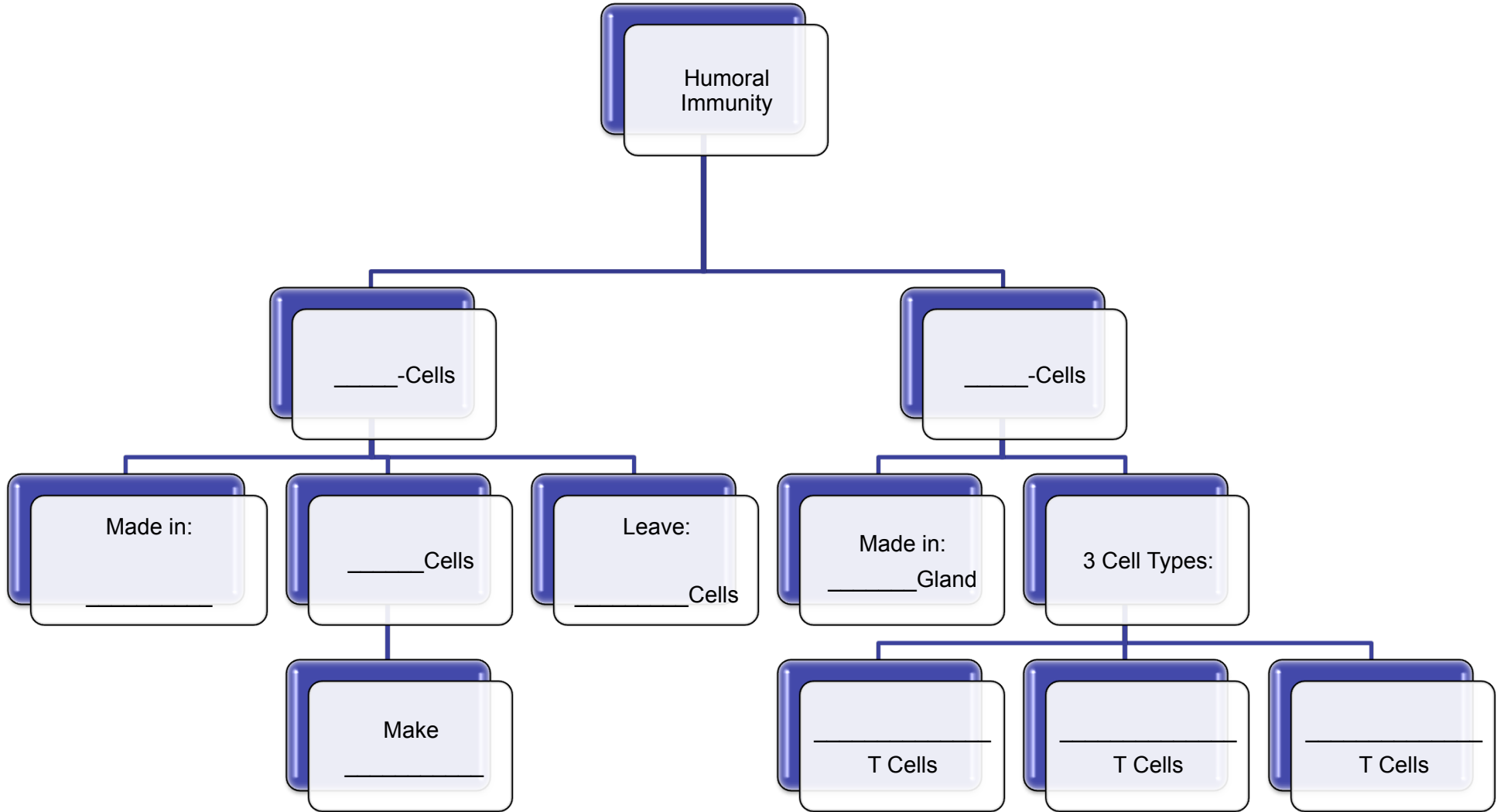


- B. _____ Defense: (if pathogen gets past non-specific already) = _____ Response

- Immune response triggered by _____ (PROTEINS on the surface of virus/bacteria/ other bad guys)

- _____ Immunity:

- _____ -Cells: recognize antigen and multiply making Plasma cells and memory B-cells
 - _____ -Cells: Attack and kill the bad guy



White Blood Cell Types

TOC#3

