

Mini Lesson#2 Immune Response Notes

Types of WBC (Lymphocytes)

_____ - Identify Pathogens by recognizing their _____.

B cells - Produce chemicals called _____.

Macrophages (Phagocytes) - Surround _____ and digest or _____ it.

When a pathogen gets past the first and second lines of defense then the _____ Line of Defense kicks in.

Third Lines of Defense - Steps of the Immune Response:

1. _____ enters the body.
2. _____ cells called macrophages "mark" the pathogen for destruction. These are now known as "_____."
3. _____-Cells are alerted and they start multiplying.
4. Helper T-Cells recruit the _____-cells: kill all cells affected by antigen.
5. Helper T-Cells also recruit the _____.
6. B-cells create millions of _____ - _____-specific proteins.
7. _____ bind to _____.
8. Macrophages are alerted to _____ the antibody-antigen complex.
9. T-Suppressor cells " _____" the immune response.
10. Meanwhile, _____-Cells were "memorizing" how to create antibodies for this antigen next time.

***This means that the next time this same pathogen tries to make you sick, your white blood cells will be able to make antibodies much _____!

