




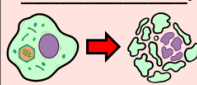


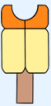

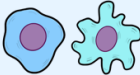
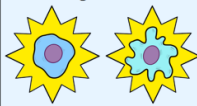


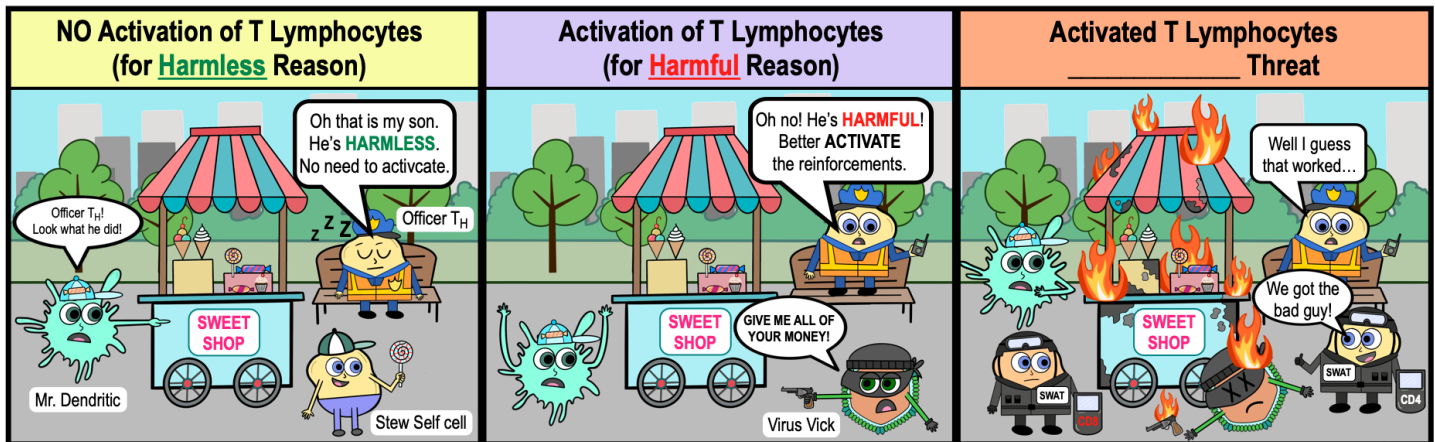
CONCEPT: REVIEW OF CYTOTOXIC VS. HELPER T CELLS

● Let's review the two types of T cells & their functions in adaptive immunity.

Type of T Cell	CD Marker	Antigen Presenting Proteins	Antigen Source	Target Cells	Functions
T Cells (T_C Cells) 	CD8 	MCH Class ____ 	Endogenous antigens (____ the target cell) 	All cells. 	Induces target cell _____. 
T Cells (T_H Cells) 	CD4 	MCH Class ____ 	Exogenous antigens (____ the target cell) 	B Cells & Macrophages 	____ target cell. 

Comic Strip for T Cell Functions

● Let's see how our comic from earlier ends!



PRACTICE: Helper T cells respond to antigens from _____ and cytotoxic T cells respond to antigens from _____.

- | | |
|-------------------------------|-------------------------------|
| a) Macrophages; B cells. | c) Viruses; bacteria. |
| b) Class II MHC; class I MHC. | d) Class I MHC; class II MHC. |

PRACTICE: Which of the following cells is capable of specifically responding to a nearly infinite number of epitopes?

- B and T cells.
- Plasma cells.
- T cytotoxic cells.
- All of the above.