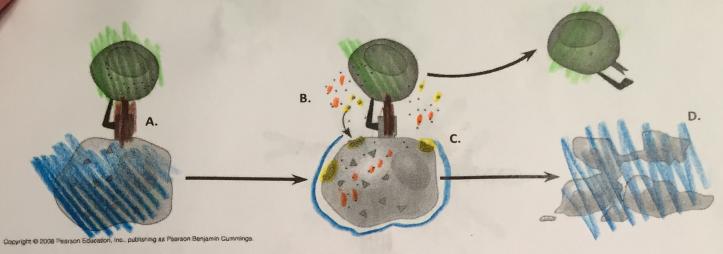


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- Color the following according to the color code listed:
 - Macrophage- purple
 - Helper T Cell locking and keying with macrophagebrown
- Helper T Cell- green
- Cytokines- yellow
- Pathogen- orange

- Cytotoxic T Cell- red
- Plasma B Cell- blue

- 2. Describe what is occurring in each lettered part of the diagram.
 - A. Marrophage engults Patnogen
 - B. Marrophage locks on keys w/ Helper T Cell
 - Helper T WI releases cytorines
 - "Cyto Fines activate à fevruit T'ails à Piasma B Cerls



- 1. Color the following structures according to the color code provided.
- Cytotoxic T cell locking and keying with virus-infected cell-brown
- Cytotoxic T Cell- green
- Virus infected cell-blue
- Perforin- yellow
- Lymphotoxin- orange
- 2. Explain what must occur BEFORE cytotoxic T cells can function.

Activation - maurphage engills path rock of the lettered steps in the diagram.

2. Explain what must occur BEFORE cytotoxic I cells call function.

Activation - maurphage engills path rock

and pushes antigen to Helper T, Helper T years.

3. Explain what is occurring in each of the lettered steps in the diagram.

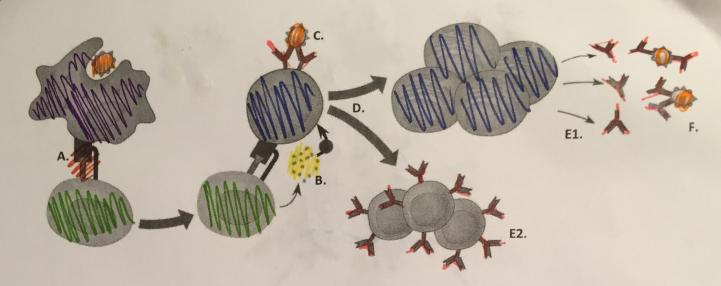
CYTOTHESE

OFFICE CYTOTOXIC I Cells call function.

*Cytotoxic Tall loves a Keys of virus-infected all

B. Cytotoxic t all releases perforin and lymphotoxin

Perforin punches holes in all membran of infeded all, symphotoxin enters all ymphotoxin kills vivus-infeded all



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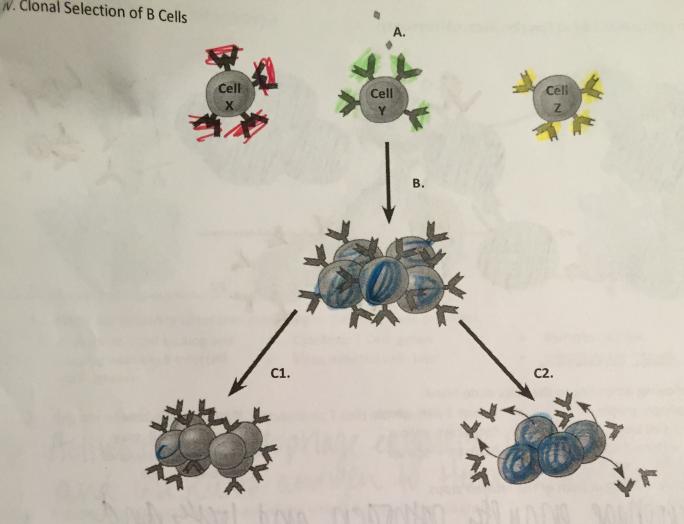
- 1. Color the following according to the color code listed:
 - Macrophage- purple
 - Helper T Cell locking and keying with macrophagebrown
- Helper T Cell- green
- Cytokines- yellow
- Pathogen- orange

- Plasma B Cell- blue
- Memory B Cell- gray
- Antigen receptor and antibodies- pink

A. Mamphage engulfs pathogen and tooks and fools with telper T cell

Helper T cell relases cytokines and tooks
and keys with Praxma & all

Plasma & all lows and keys with pathogen 2. Explain what is occurring in each of the labeled steps. D. Patnogen Cional selection and differentiation into plasma is cells a memory cells EI) Plasma B cul remarcs antibolies E2) Memory Rocell's circulate for future attacks F. Antibodies bind to pathrogen to disable pathrogen and arrace macrophages to infect



- Color the following according to the color code listed:
 - Antigen- orange
 - Antibodies on cell X- red
- Antibodies on cell Z-yellow
- Antibodies on cell Y- green
- Plasma B Cell-blue
- Memory B Cell- gray

Explain what is occurring in each of the labeled steps.

A. CELL Y LOCKS And Keys with a Spleible pathogen

proliferates

Mimony B Cells (of Cell V) Ma circulate for future attacks.

Plasma B cells (of cell V) remax minimum antiborules