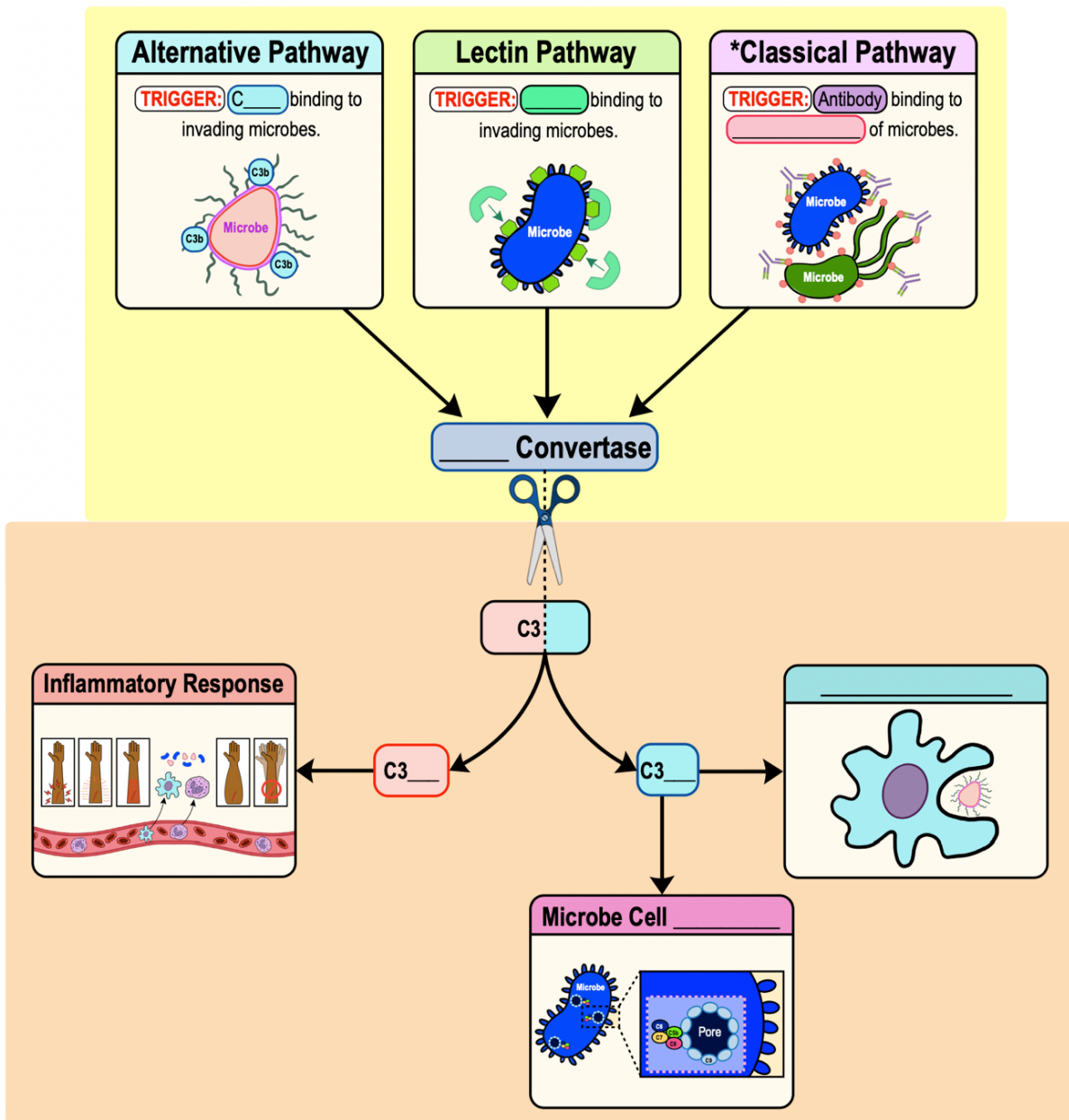


## CONCEPT: REVIEW OF THE COMPLEMENT SYSTEM

● Now let's review the activation pathways & responses of the complement system.



**PRACTICE:** Which of the following statements about the complement system is true?

- a) There are many methods of triggering the complement system.
- b) There are many immune responses triggered by the complement system.
- c) All triggers of the complement system lead to the formation of C3 convertase.
- d) C3a and C3b result in different immune response for the complement system.
- e) All of the above are true.

**CONCEPT: REVIEW OF THE COMPLEMENT SYSTEM**

**PRACTICE:** Which complement molecule is an attractant for neutrophils?

- a) C4b.
- b) C5a.
- c) C3b.
- d) C7a.

**PRACTICE:** The key molecule upon which all complement pathways converge is

- a) C1.
- b) C2.
- c) C3.
- d) C6.

**PRACTICE:** The complex resulting from complement activity that leads to cell lysis is the

- a) Prostaglandin complex.
- b) Leukotriene activating complex.
- c) Membrane attack complex.
- d) Histamine complex.

**PRACTICE:** Which of the following are most susceptible to complement lysis?

- a) Gram-positive bacteria.
- b) Gram-negative bacteria.
- c) Bacteriophages.
- d) Prions.