

IMMUNE SYSTEM

PHASE I
Microbe repelled
by skin, pH, or bacterin

PHASE II
Microbe enters Body

Generalized Response

**Macro-
phage**

↓
Death

Neutrophil

↓
Death

PHASE III

Specific Response

Eosinophil

↓
Death

Antibody-
Antigen
complex

(no longer
harmful)

Cell
bursts

Antigen recognized

cell bursts

Killer
T-cell

Helper T-cell

B-cell

Anti-
bodies

Suppressor
T-cell

(will
quell immune
response)

Memory
T-cell

(remains
for later
defense)

Memory
cell

(remains for
later defense)

Plasma
cell