

Intro to the Immune System

- Immunity
 - Ability to resist _____ from _____ substances
 - Ex. _____, toxins, cancer cells
 - Types of _____:
 - Innate
 - _____ at birth
 - _____ against any pathogen
 - Accomplished by _____, chemical mediators, cells, _____ response
 - _____ Barriers
 - _____ of defense
 - _____ membranes to act as barriers
 - _____, _____, urine wash away pathogens
 - _____ Mediators
 - They are _____ that can kill microbes and prevent their _____ into cells
 - _____: found in tears and saliva to kill bacteria
 - _____: prevent entry of microbes
 - _____: promote inflammation by causing vasodilation
 - _____: proteins that protect against viral infections by stimulating _____ cells to produce antiviral proteins
 - _____ Response
 - Involves _____ and _____ due to injury
 - Signaled by _____ of foreign substance
 - Stimulates _____ of chemical mediators
 - Adaptive
 - Defense that involves _____ recognition to a specific antigen
 - Acquired _____ birth
 - Reacts when _____ defenses don't work
 - _____ than innate immunity
 - Has _____.
 - Uses lymphocytes (_____ and _____ cells)
 - _____ types antibody-mediated and cell-mediated
 - _____ Related to Adaptive Immunity

- _____:
 - Substance that _____ immune response
 - Ex. _____, virus, pollen, food, drugs, etc
- _____: molecule produced by person's body that stimulates _____ system response
- _____: proteins the body produces in response to antigen