

Inflammation

- Inflammation - local accumulation of fluid and cells involved in the immune response
 - State of Inflammation is induced - increased swelling, pain, heat and redness.
1. Blood capillary dilation = heat = redness
 2. Vascular dilation = swelling = pain
 3. Extravasation - change in adhesiveness of the endothelial tissue allowing immune cells to attach and migrate into the connective tissue

INNATE

ADAPTIVE

Genes are constant

Genes rearrange

NO Longterm immunity

Longterm immunity