

Immunology

Lec. 1

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What is Immunity

- **Definition**
- **Immunity** can be defined as the way in which the body can protect itself from invasion by pathogenic microorganism and provide a defense against their harmful effect.
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- Immunity is classified in to two major groups
 - - Non specific immunity
 - - Specific immunity

Several mechanisms are available in the immunocompetent host.

These include:-

- physical or mechanical barrier,
- biochemical factors,
- cellular mechanism,
- role of normal flora
- inflammatory reactions

- The typical symptoms of inflammation:-

- redness
- swelling
- pain