

### Immunology

Immunology is a branch of biology which deals with the study of body's defense against infection. Immunology is relatively a new science and its origin is attributed to **Edward Jenner**.

The term immunology is coined by Russian biologist **Ilya Ilyich Mechnikov**

### Immunity

The overall ability of the host to fight the disease causing organisms conferred by the immune system is called immunity.

Immunity is of two types:

1. *Innate immunity or Natural immunity or Non-specific immunity*
2. *Acquired immunity or Specific immunity*

### Immune system

A set of organs and processes of the body that provides resistance to infections and toxins.

*example: Bone marrow, thymus and lymph nodes.*

### Innate Immunity

Innate immunity is a non-specific type (*it responds to many antigens i.e. it is not confined to attack a single antigen*) of defence. It is accomplished by providing different types of barriers to the entry of the foreign agents into our body.



