Microbe-Human interaction

Health

Is the clinical status in which all the body's systems work in its optimum efficiency

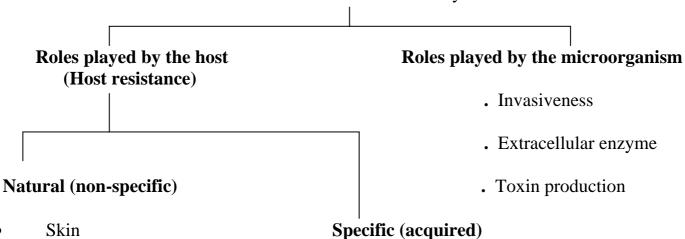
Any disturbance in such function

Disease

If caused by a microorganism or its products (e.g toxin)

Infectious Disease

This condition determined by



- . Antibody response
- Mucous membrane (barrier, mucous, secretory IgA)
- . Cell-mediated response

- Low pH in:
 - . Stomach

Normal flora

- . Vaginal secretion
- Flushing action of:
 - . Tears
 - . Urine
- Phagocytosis
- Acute phase protein (e.g. Lactoferrin, lysozyme and lactoperoxidase)