

SNS COLLEGE OF NURSING

COIMBATORE-35

PROGRAMME : B.Sc. Nursing II Year

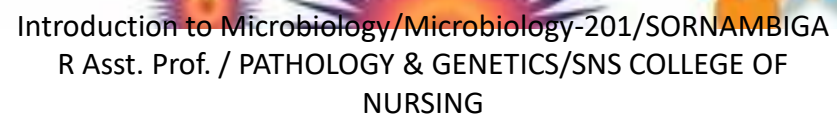
COURSE : Microbiology

SEMESTER :III

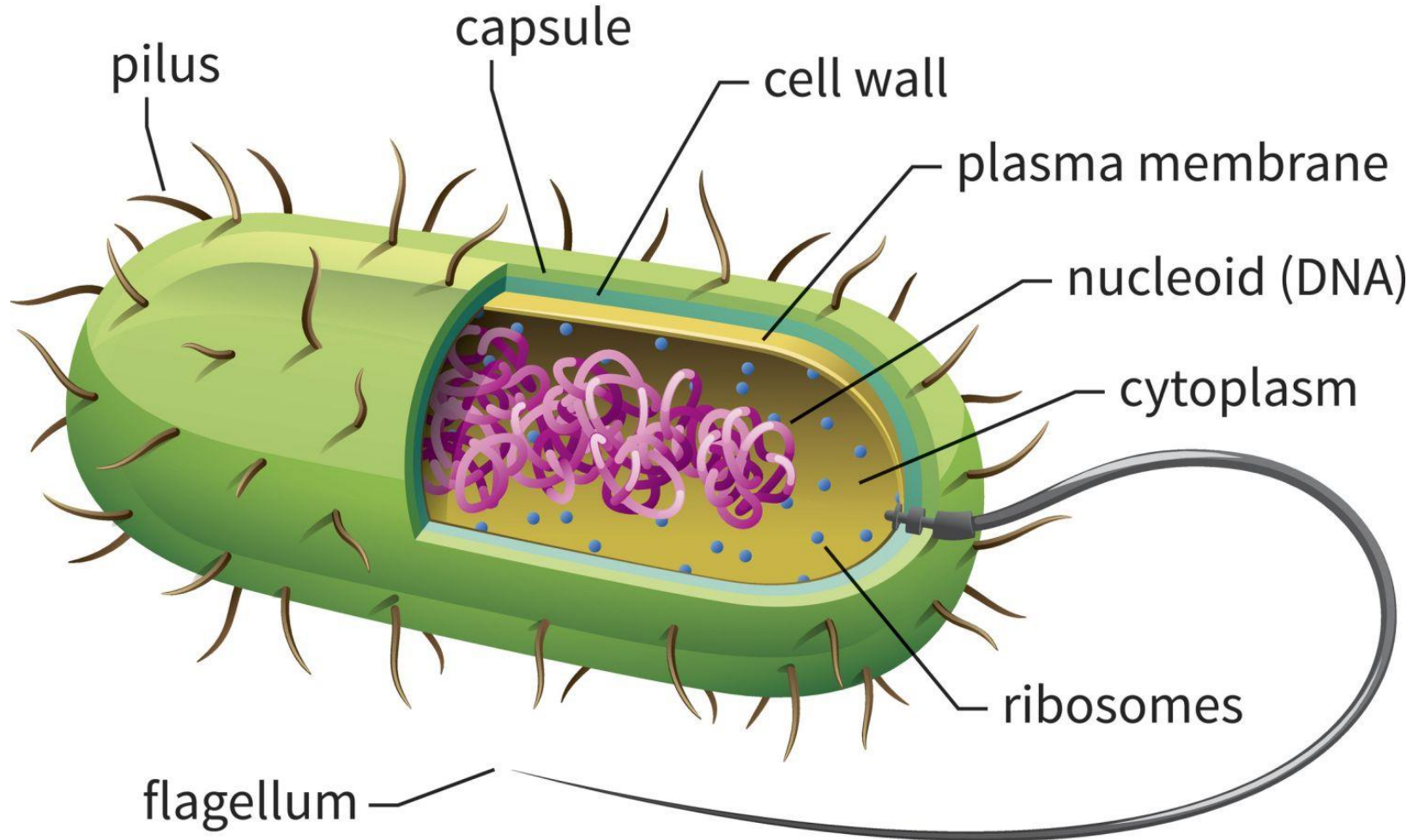
UNIT : I

TOPIC : Introduction to Microbiology

PREPARED BY : Mrs. Sornambiga R., Asst Prof

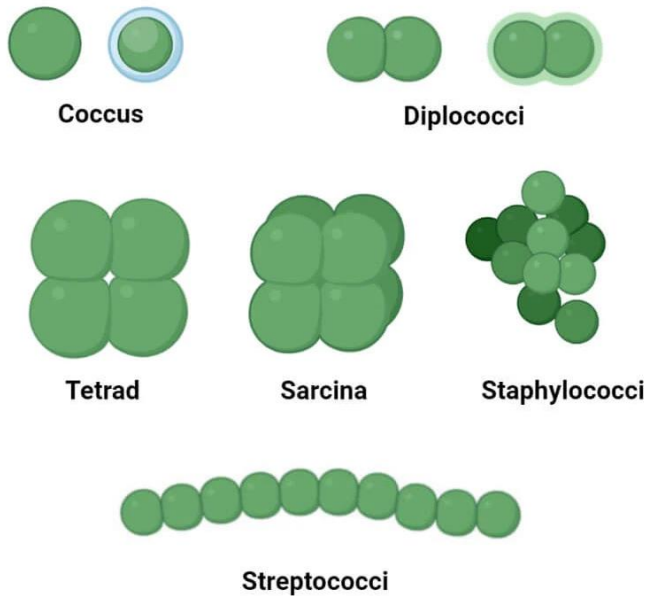


Bacterial Cell Structure

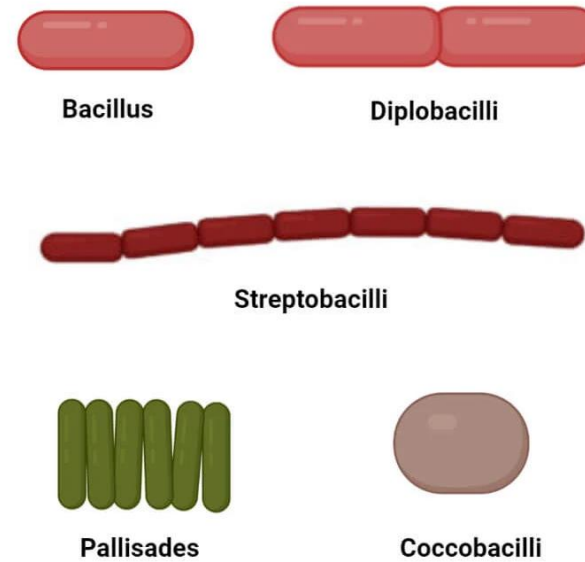


Shapes of Bacteria

Arrangements of Cocci



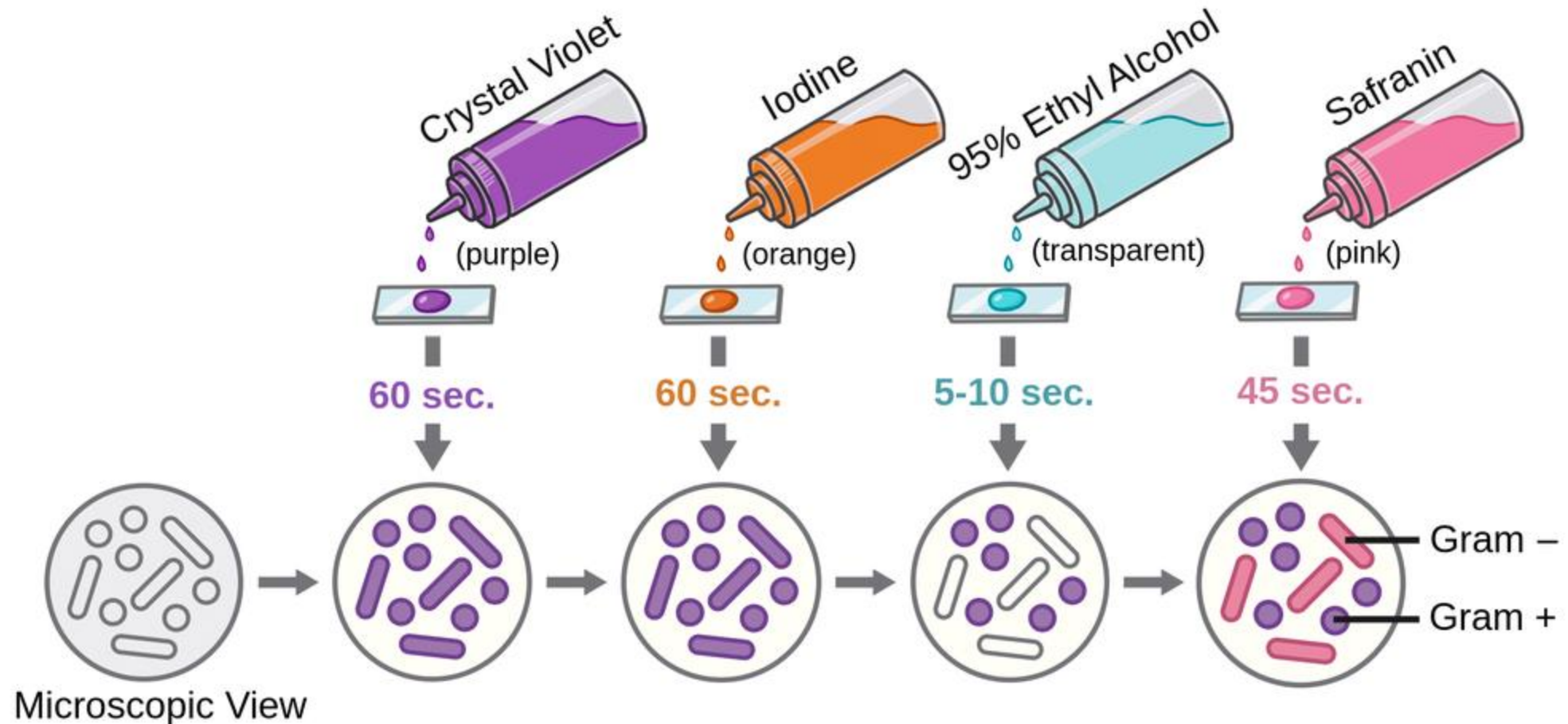
Arrangements of Bacilli



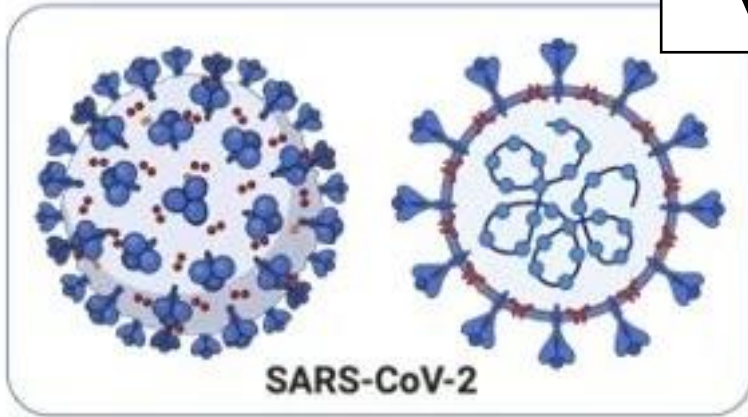
Arrangements of Spiral



Gram Staining Process



Viral Structure



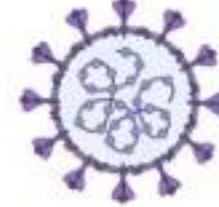
Influenza virus



Zika virus



Respiratory syncytial virus



MERS



Adeno-associated virus



Dengue virus



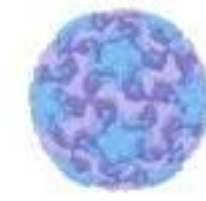
Epstein-Barr virus



Novovirus



SARS-CoV-2



Rhinovirus



Porcine parvovirus



Viral glycoprotein



Viral neuraminidase



Influenza hemagglutinin



DNA



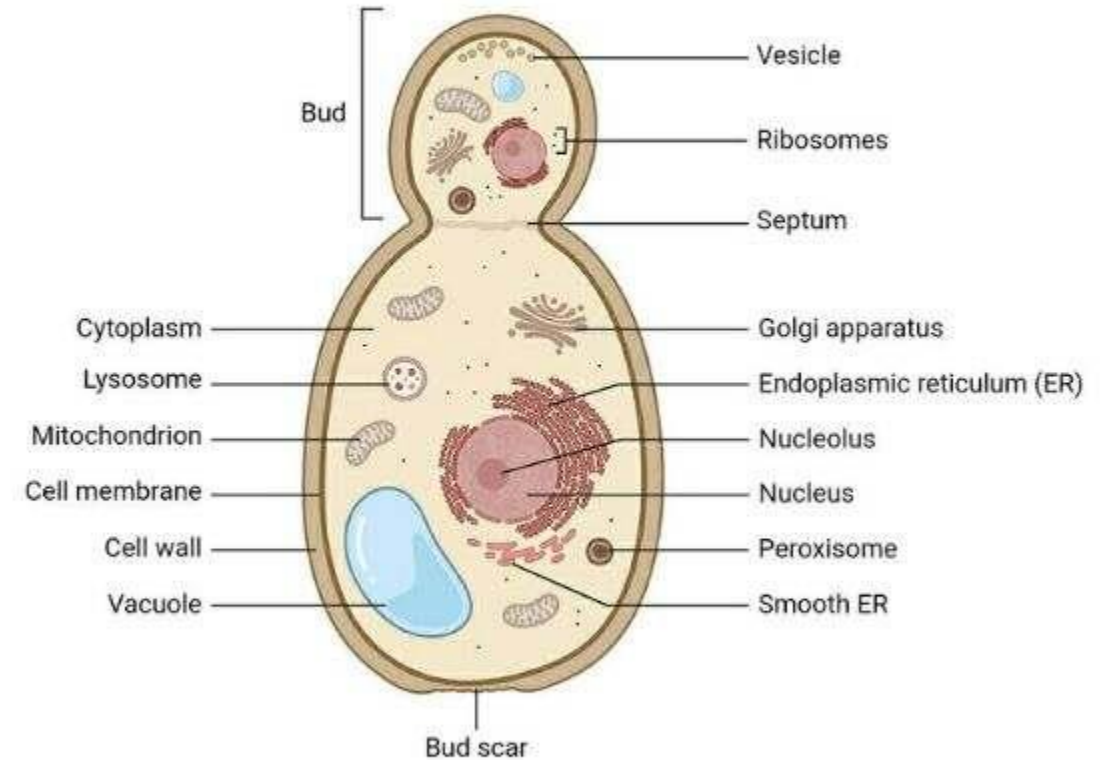
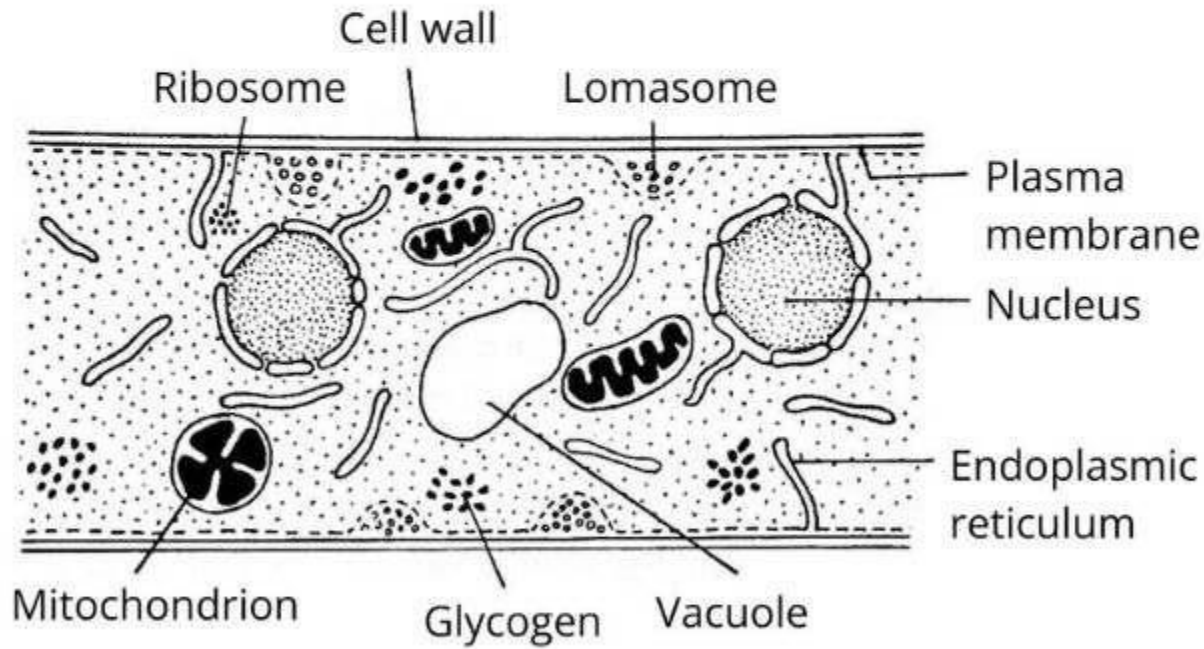
ssDNA



RNA

Fungal Cell Structure

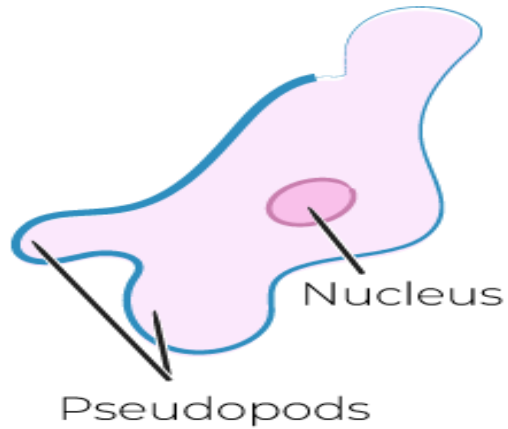
Structure of Fungal Cell with Diagram



Fungal Cell Structure

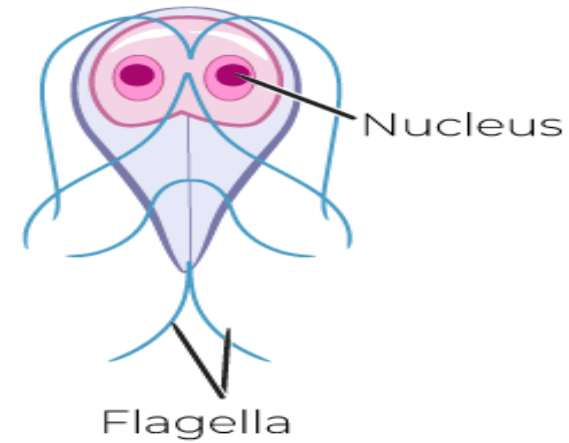
Amoebozoa

Ex: Entamoeba



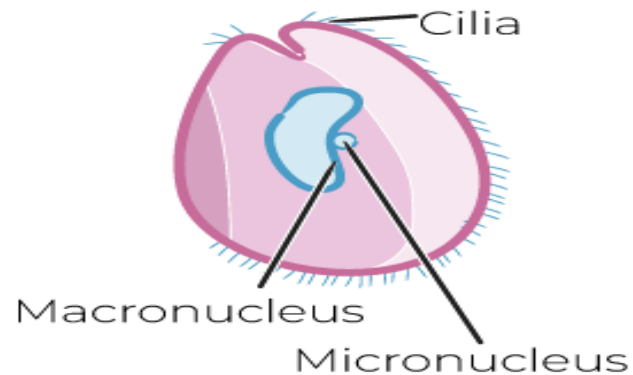
Flagellates

Ex: Giardia



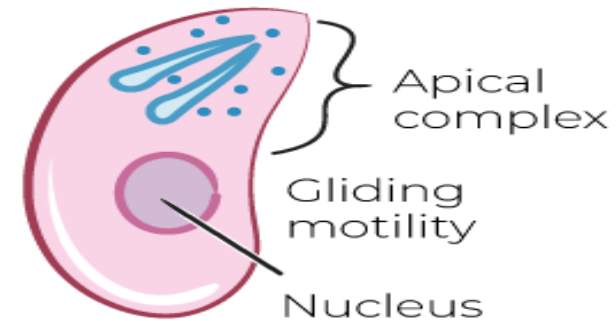
Ciliates

Ex: Balantidium

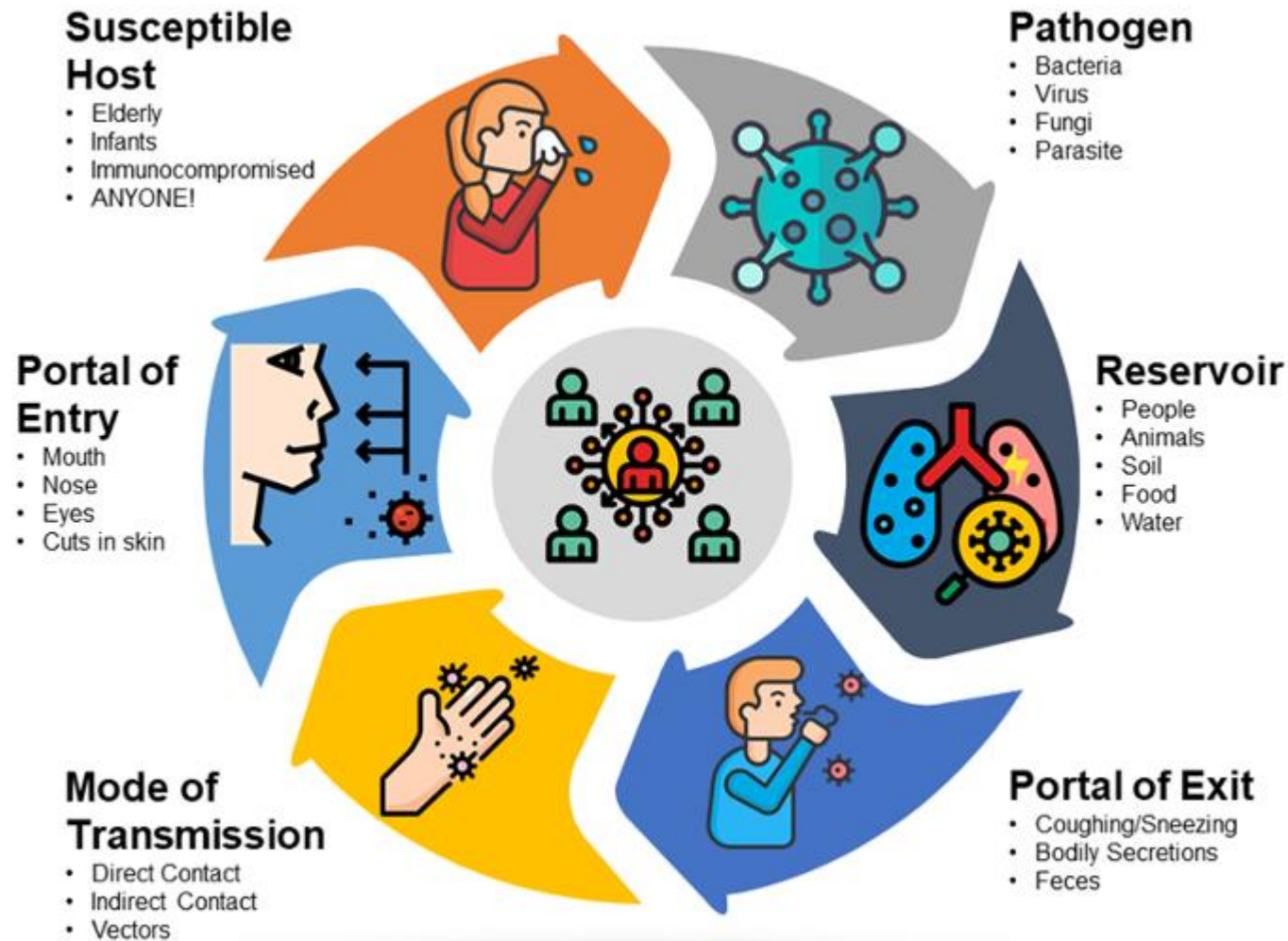


Apicomplexa

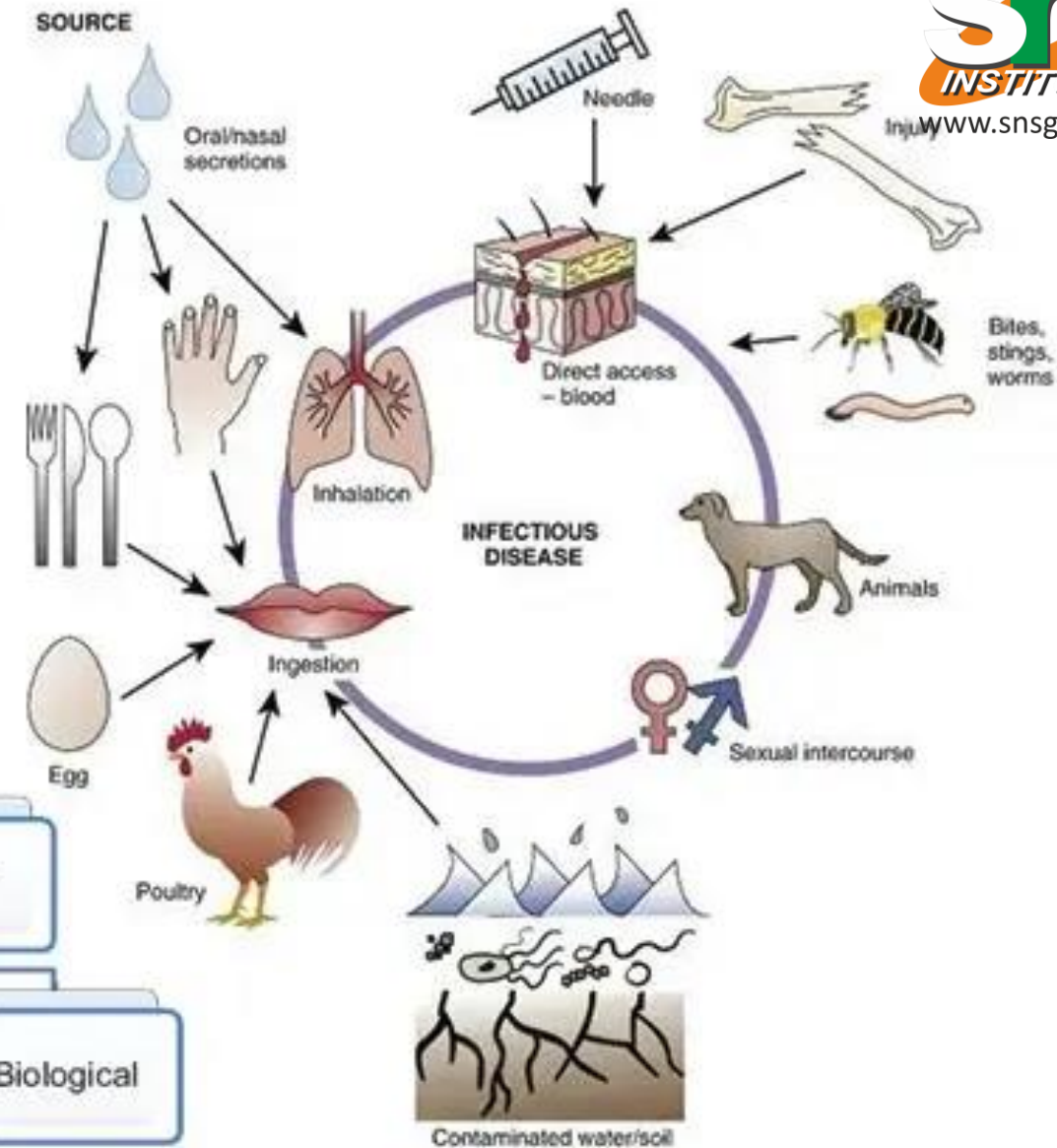
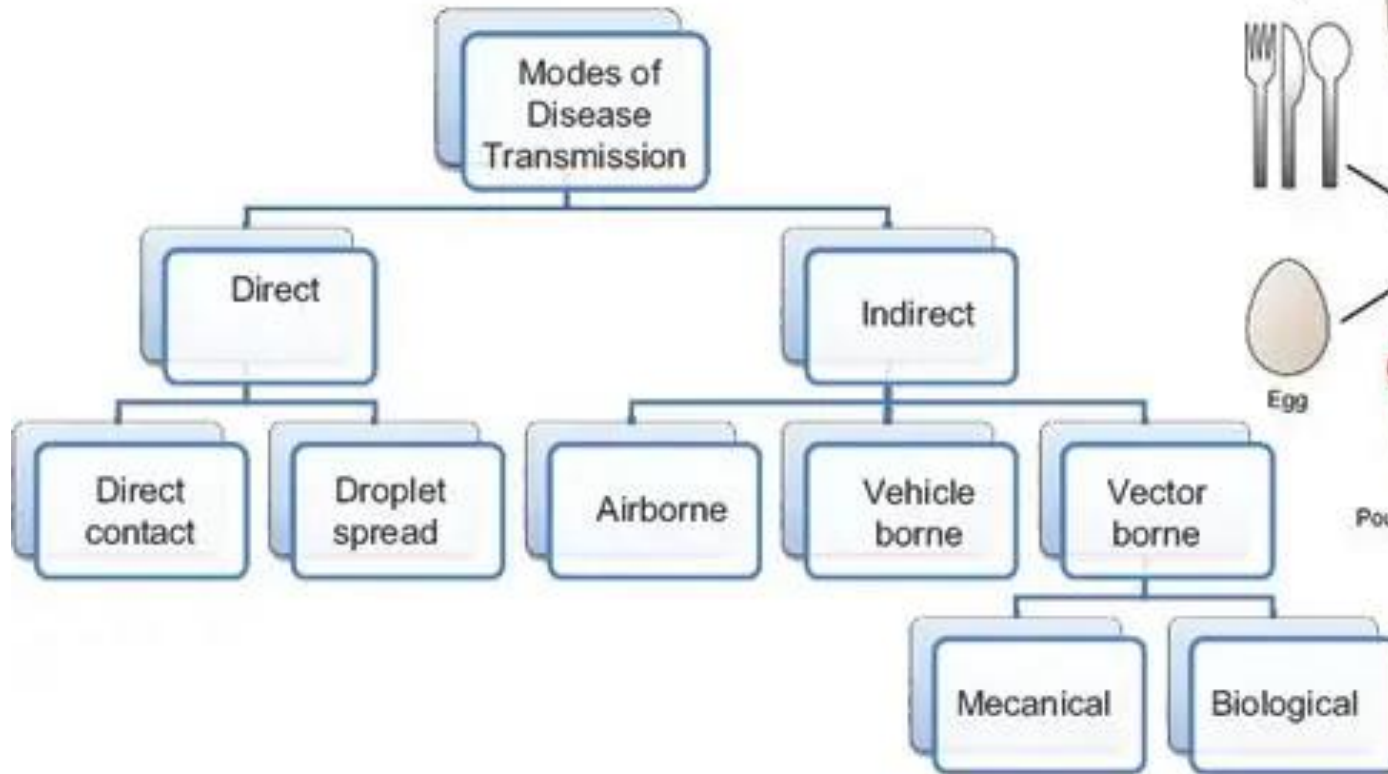
Ex: Plasmodium

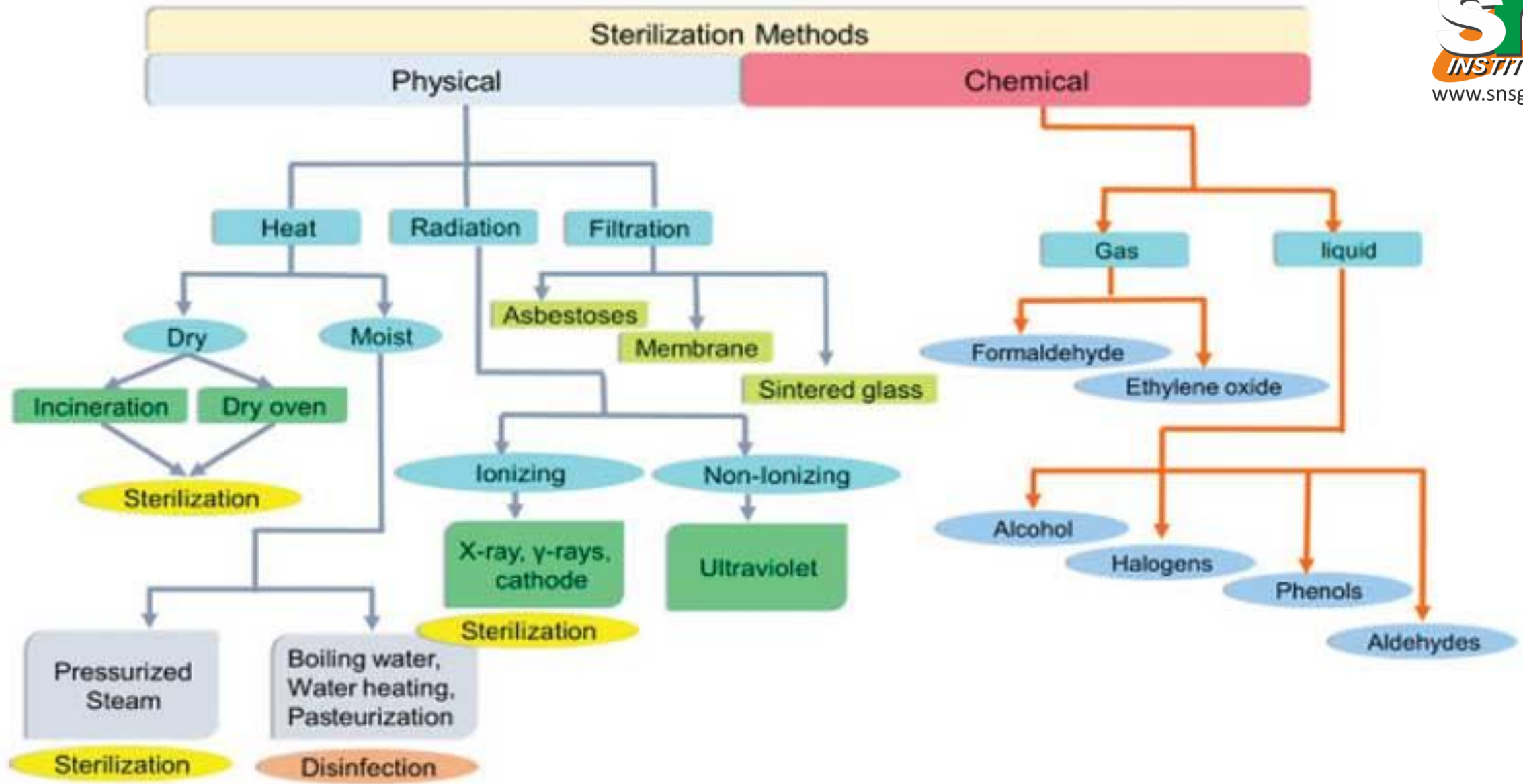


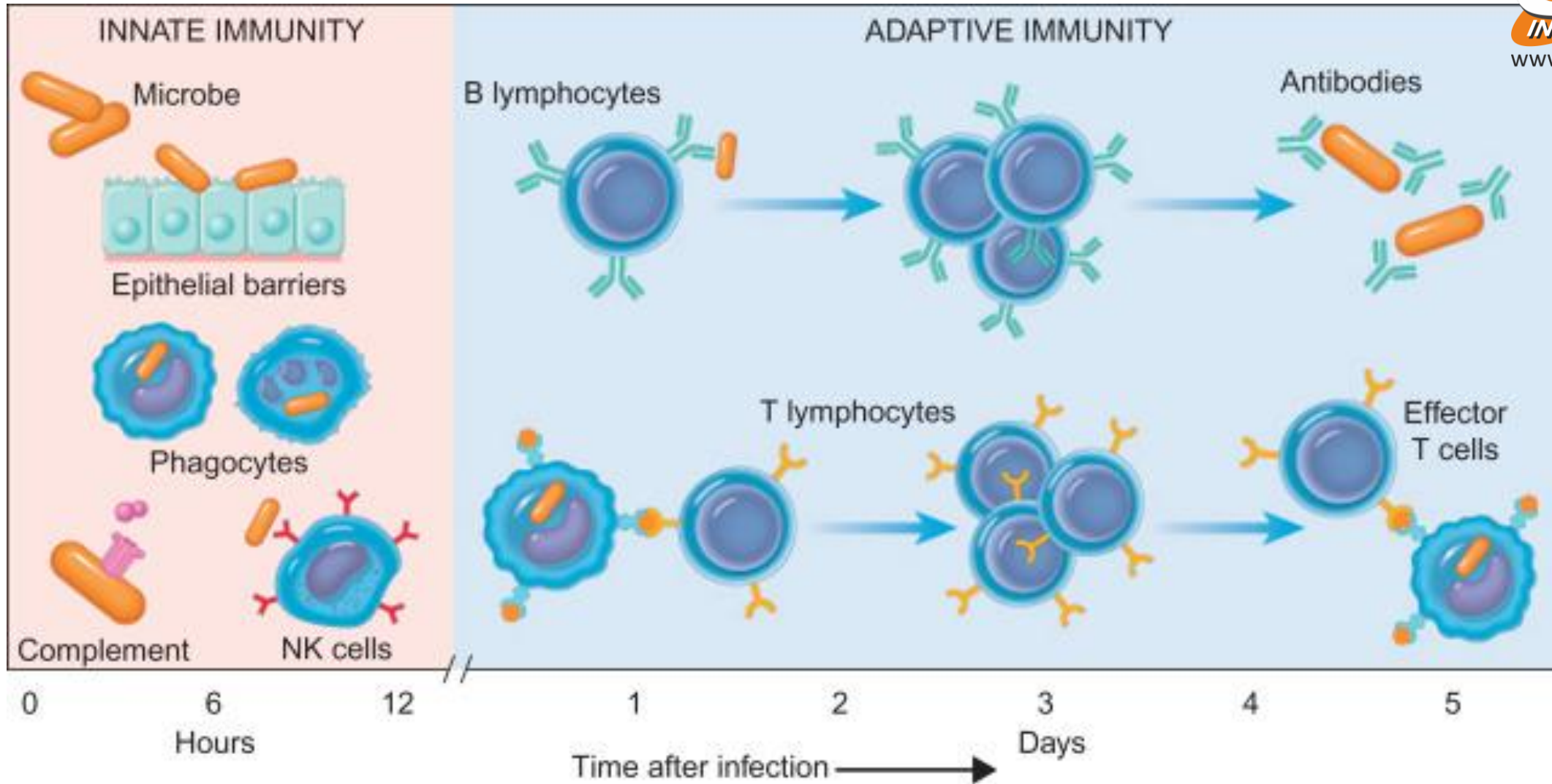
Chain of Infection



Mode of Transmission of Diseases







Thank
You