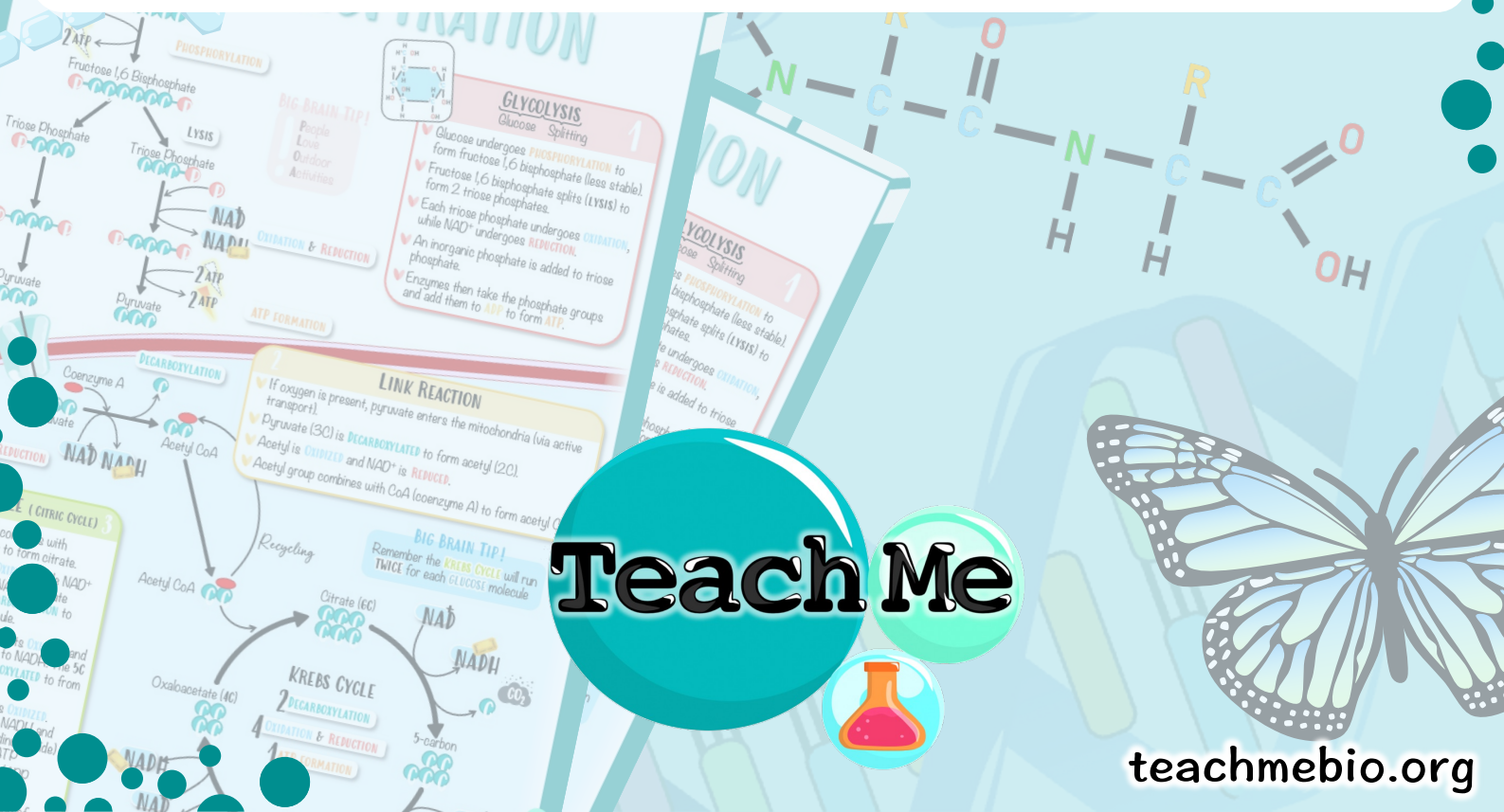


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STUDY NOTES

CHAPTER 10 – INFECTIOUS DISEASE CHOLERA



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INTRODUCTION & CHOLERA

INTRODUCTION TO INFECTIOUS DISEASES

DISEASE - An abnormal condition that impairs normal body function.

Diseases can be classified in one or other category depending on whether it can be **PASSED** from one person to another:

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Malaria

Tuberculosis



Communicable disease

Can be passed from person to person.
Infectious disease caused by **PATHOGENS**.

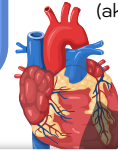
We focus on **Communicable Diseases** in this chapter!

Type 2 diabetes

Cancer



Coronary artery disease (aka. heart attack)



Non-communicable disease

Cannot be passed from person to person

PATHOGENS

Disease causing organisms

Non-living



Virus

Living



Parasite

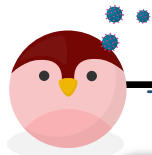


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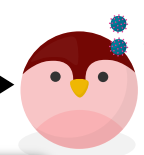


Bacteria

We call the passing of a disease from one host to another "**Disease Transmission**". This process varied depending on how the **pathogen** spreads.



Disease Transmission



For example:

The pathogen may be transmitted through the **air**, **direct contact**, **sexual contact**, contaminated **water**/food, via a **vector** (like a mosquito) or from a mother to her **foetus**...



Transmission Cycle -

Sequence showing how an infectious disease moves from one host to another.



To **PREVENT** a disease, we target its transmission!

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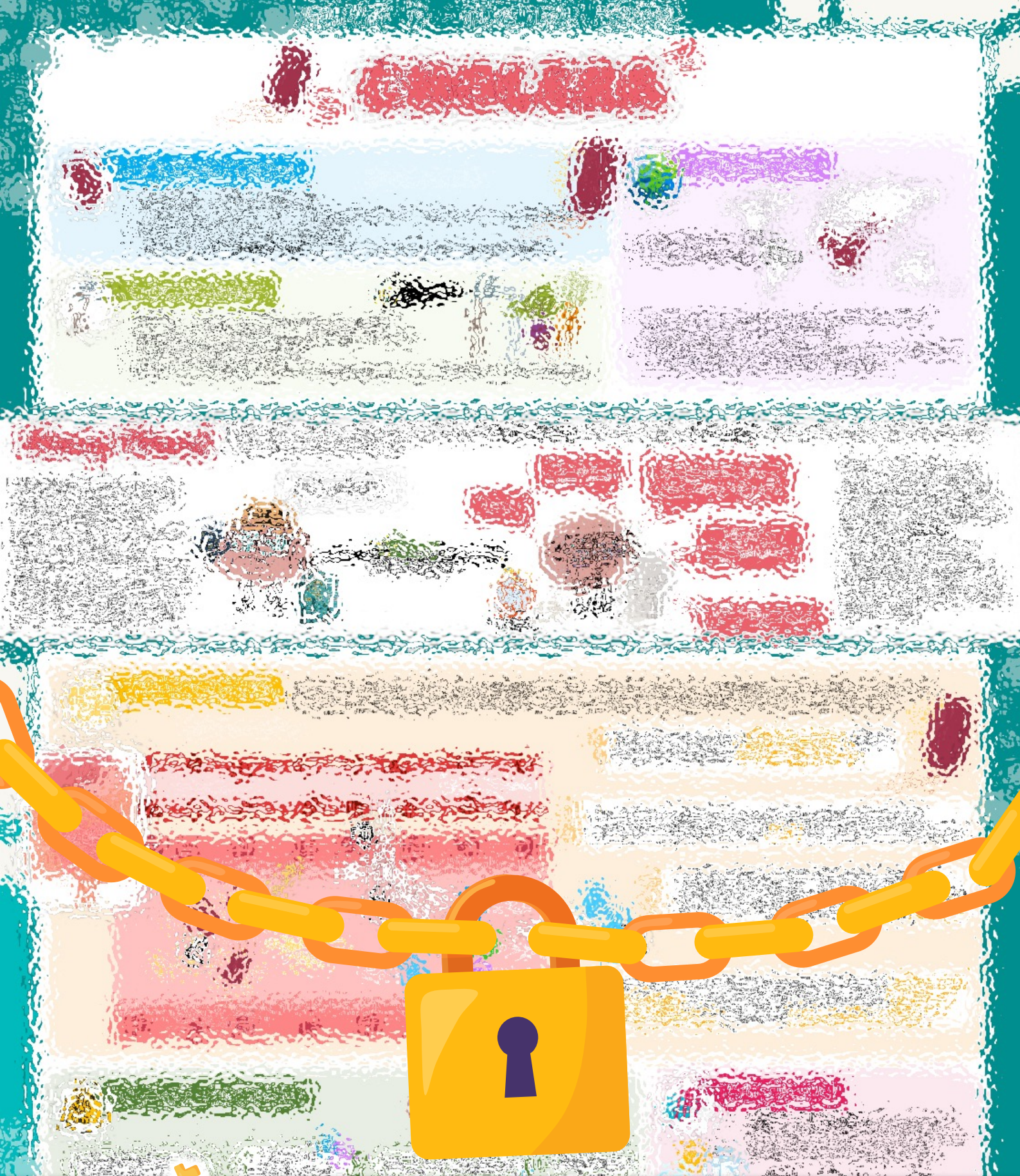


Vaccine



Eradication (e.g. Smallpox)

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A yellow padlock with a dark blue keyhole is attached to a yellow chain. The chain is made of several links and extends horizontally across the bottom of the slide.



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