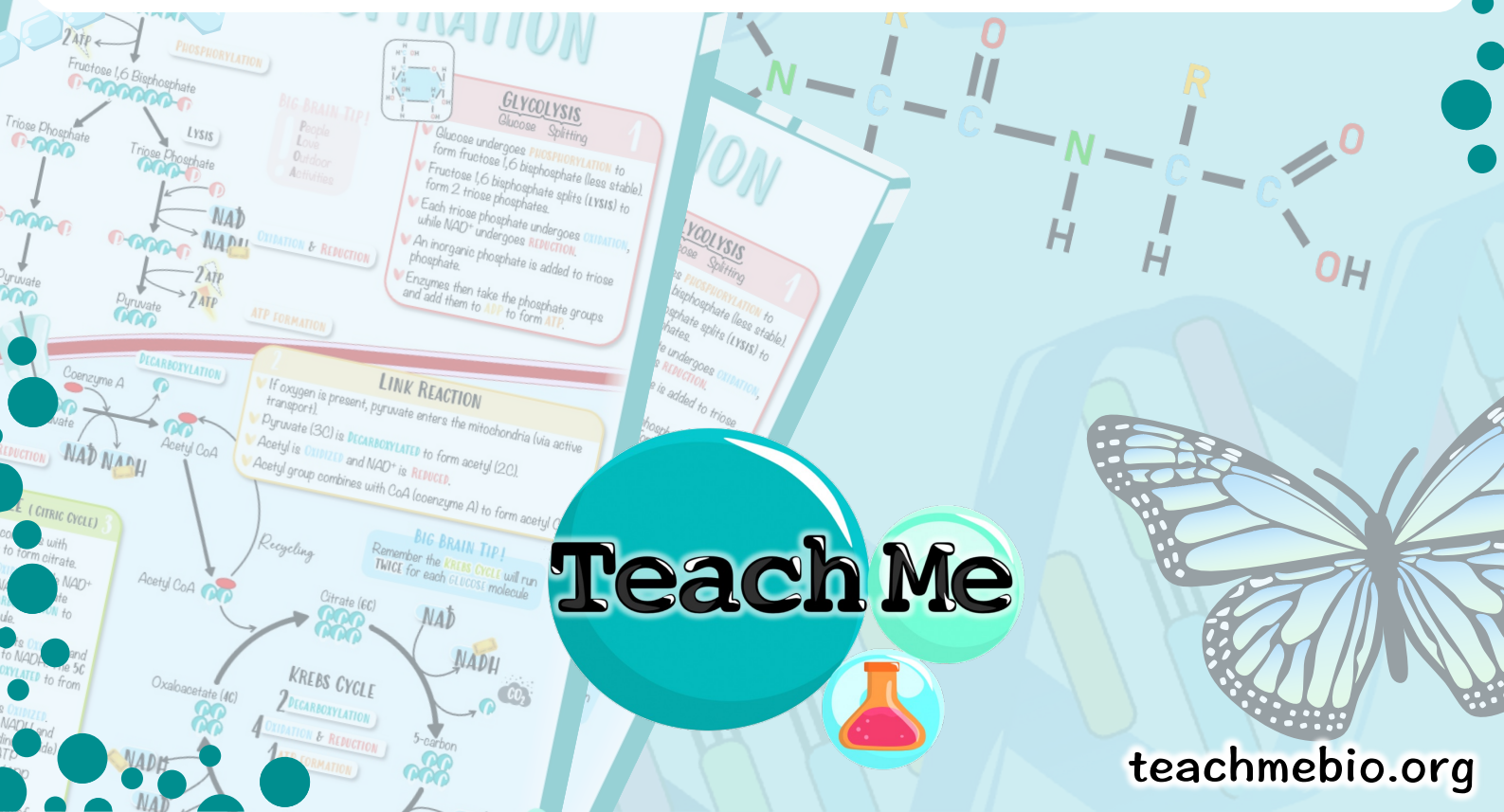


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STUDY NOTES

CHAPTER 10 – INFECTIOUS DISEASE

TUBERCULOSIS



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Tuberculosis (TB)



PATHOGEN FACTS

- *Mycobacterium tuberculosis* OR *M. bovis* [Bacteria]

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- Incubation period: Few weeks to years
- Site: Lungs, lymph nodes, bones & gut



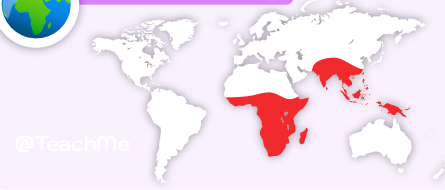
TRANSMISSION

- **Cough droplets**
Overcrowding, poor housing, homelessness, HIV+
- **Unpasteurized milk**
(for *M. bovis*)



DISTRIBUTION

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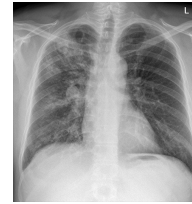
Story Time!

Brain developed a **persistent cough** that just would not go away.

At first, he assumed it was nothing serious, but after **three months** of coughing, he began feeling increasingly unwell and decided to visit the hospital.



This is BRAIN



A **chest X-ray** showed changes suggestive of **tuberculosis**, and laboratory tests confirmed the diagnosis. Brain was started on the appropriate course of **antibiotics** and, after completing his treatment, made a full recovery and lived to tell the tale.



PATHOGENESIS

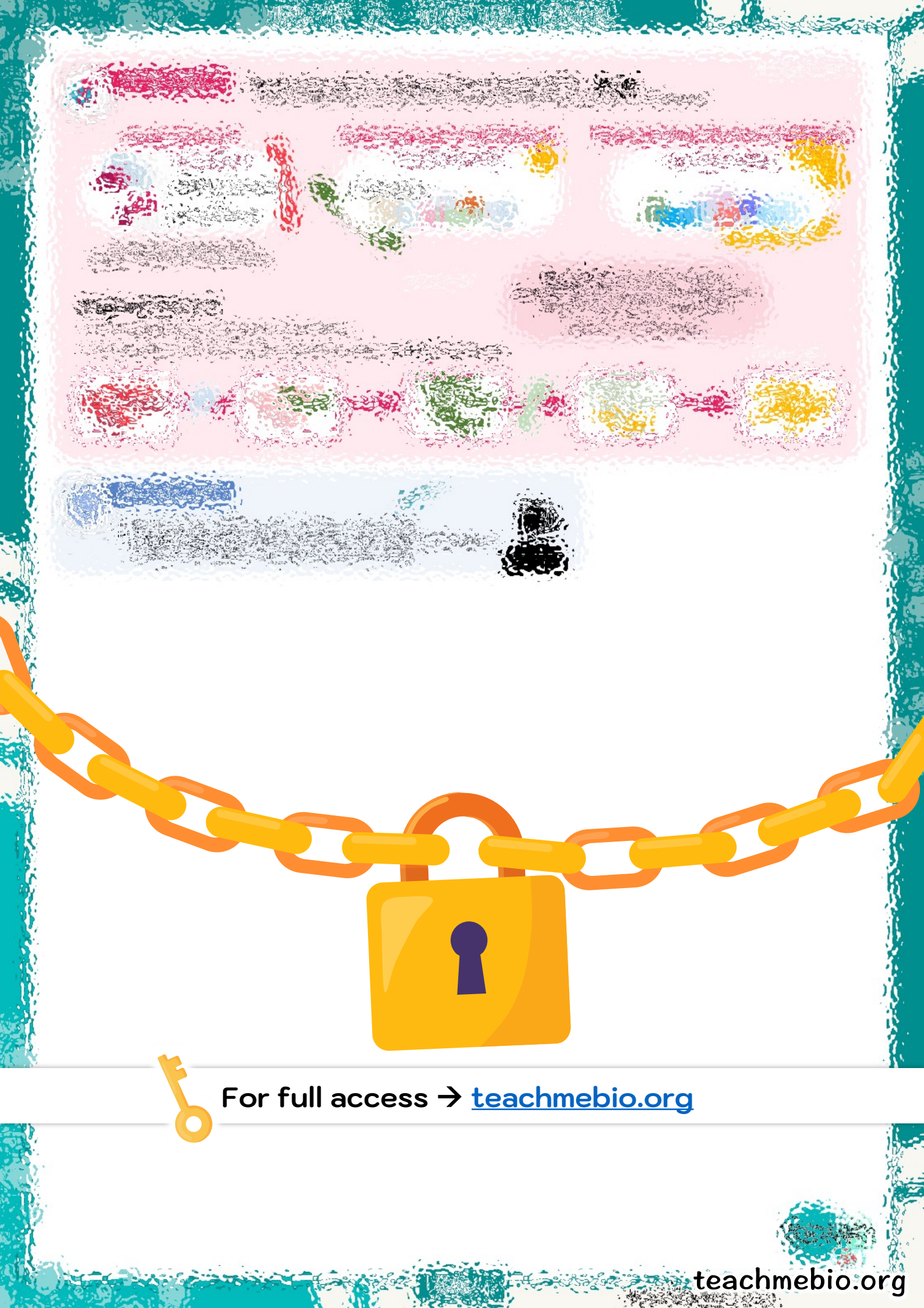
Estimated 200

Active infection

Multipling and causing disease



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