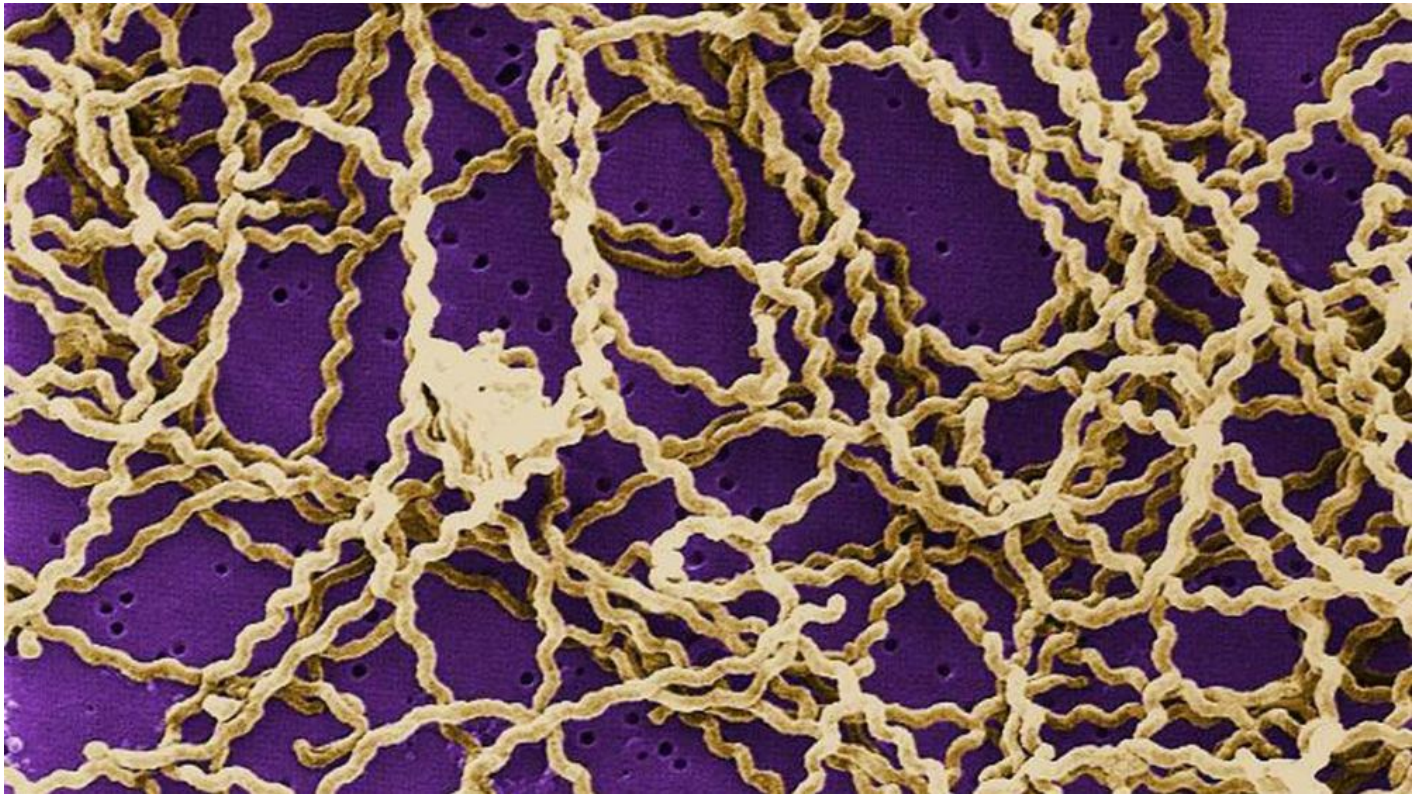


What is Leptospirosis?

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About Leptospirosis:

- It is a potentially fatal **zoonotic bacterial disease**.
- The disease is caused by a bacterium called **Leptospira interrogans, or Leptospira**.
- It is more **prevalent in warm, humid countries** and both urban and rural areas.
- It is a **contagious disease** in animals but is **occasionally transmitted to humans** in certain environmental conditions.
- The carriers of the disease can be **either wild or domestic animals**, including rodents, cattle, pigs, and dogs.
- The cycle of disease transmission begins with the shedding of leptospira, usually in **the urine of infected animals**.
- According to the U.S. Centres for Disease Control and Prevention, infected animals can continue to excrete the bacteria into their surroundings for a few months, but sometimes up to several years.
- **Leptospirosis may occur in two phases:**
 - After the first phase (symptoms: fever, chills, headache, muscle aches, vomiting, or diarrhoea) the patient may recover for a time but become ill again.
 - If a second phase occurs, it is more severe; the person may have kidney or liver failure or meningitis.

- It can be **treated with antibiotics**.

Q1) What is a zoonotic disease?

A zoonotic disease, also known as zoonosis, is an infectious disease that can be transmitted between animals and humans. These diseases can be caused by bacteria, viruses, parasites, or fungi, and they can spread through direct contact with infected animals, their bodily fluids, or their environments.

Source: [Explained | Leptospirosis, a disease that surges in the monsoon months](#)

Source: <https://vajiramandravi.com/current-affairs/what-is-leptospirosis/>

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