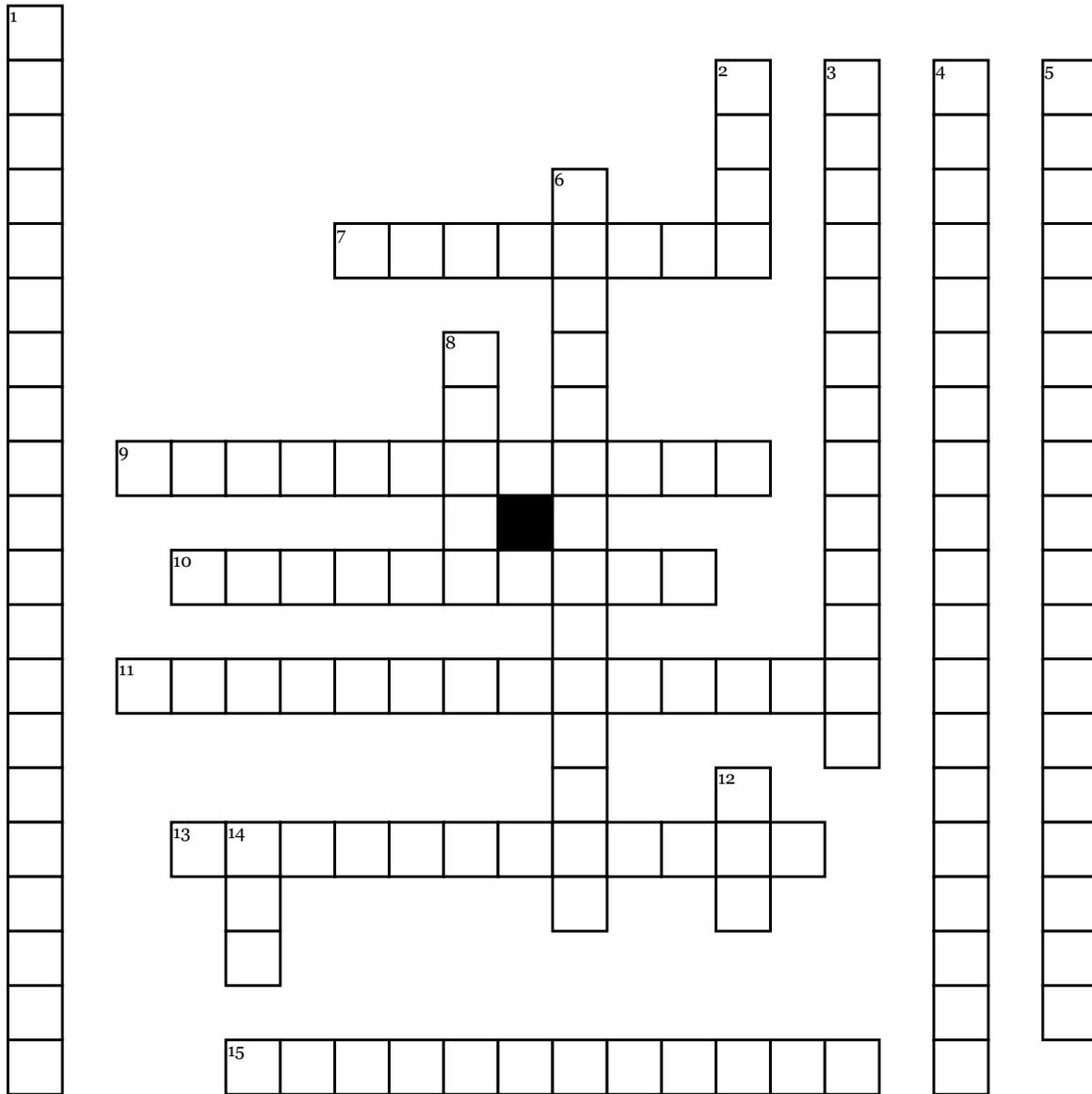


T. Mendez spp.



Across

7. What rod-shaped bacteria, closely related to Salmonella, causes diarrheal disease?

9. What is the term that best describes a patient that is a carrier for a disease or infection, but experiences no symptoms?

10. What is the term for a type of antimicrobial drug used in the treatment and prevention of bacterial infections?

11. Which neurotoxic protein causes severe flaccid paralytic disease in humans, however it is also used commercially in medicine, cosmetics, and research.

13. What do you call the therapeutic use of bacteriophages to treat pathogenic bacterial infections?

15. What do you call an energy-dependent mechanism responsible for moving compounds (i.e. neurotransmitters, toxic substances, and antibiotics) out of the cell?

Down

1. Which obligate intracellular parasite is the most common bacterial sexually transmitted disease in humans and leading cause of infectious blindness worldwide?

2. What type of staphylococcus bacteria most commonly causes skin infection?

3. What is a biological preparation that provides active acquired immunity to a particular disease by using inactivated toxic compounds that cause illness rather than the micro-organism?

4. What is the causative agent of whooping cough?

5. Which bacteria is a gram-negative, microaerophilic bacterium found usually in the upper gastrointestinal tract?

6. What is the name of the family of enzymes involved in bacterial resistance to broad-spectrum antibiotics, consisting of all antibiotic agents that contain a β -lactam ring in their molecular structures?

8. Which opportunistic bacteria are an important part of a healthy human intestinal tract, but also can cause disease by making a toxin called Shiga toxin?

12. What is the most sexually transmitted disease in the United States and leading cause of 99.7 percent of all cases of cervical cancer in women?

14. Which retroviral infection is most associated with AIDS?