Name _____

Bacterial Bad Guys: Exploring Examples of Pathogenic Bacteria

Open-Ended Response Answer Key

1. One method for preventing the spread of Salmonella infection through food is by properly cooking meat, poultry, and eggs to kill any bacteria present. Additionally, practicing good hygiene, such as washing hands and surfaces often, and avoiding cross-contamination between raw and cooked foods can help prevent Salmonella contamination.
2. It is important to use antibiotics appropriately in the treatment of bacterial infections to prevent the development of antibiotic resistance. Overuse or misuse of antibiotics can contribute to the emergence of resistant bacteria, making infections more difficult to treat and increasing the risk of spread to others.
3. Some challenges associated with treating Clostridium difficile (C. difficile) infection include the risk of recurrence, limited treatment options for severe cases, and the potential for complications like dehydration or toxic megacolon.
4. Communities can work together to prevent the spread of tuberculosis (TB) by promoting awareness and education about TB transmission and prevention, improving access to TB testing and treatment services, implementing infection control measures in healthcare settings, and addressing social determinants of health that contribute to TB transmission.

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