

Quiz & Worksheet - Bacterial Transduction

1. If it were not for transduction and other methods of creating genetic diversity, all bacteria would be ____.

- clones because they would be genetically identical
- mutants because genetic diversity is essential for life
- harmless because genetic diversity is what causes diseases
- dead because bacteriophages always kill the host cell

2. Which statement is TRUE about transduction?

- The bacteria is always killed immediately.
- A virus is required.
- It is an example of vertical gene transfer.
- The viral DNA is kept separate from the bacterial chromosome.

3. Which of the following is NOT an example of horizontal gene transfer?

- Transduction
- Conjugation
- Mother to daughter inheritance
- Transformation

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Study Guide Section 1 Bacteria

Western Society of Engineers
(Chicago, Ill.)

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