

Graphic Organizer

When making an argument, you are actually making a "claim," usually a main idea, which is backed up with evidence that supports the idea. Evidence can help you persuade others to agree with your argument. Use the graphic organizer to analyze the issue of lab-grown meat and the arguments for and against it. Complete the organizer with the information from the passage.

Would you eat lab-grown meat?

Question

Introduction

Lab-grown meat is created by taking animal stem cells, ¹ transforming them into primitive fibers, and combining these fibers to form muscle tissue.

Arguments

YES

1. It helps eliminate the need for ² slaughterhouses as well as the unethical treatment of animals.
2. It could make meat production more ³ sustainable and help fight climate change.
3. It is healthier and more ⁴ nutritious.

NO

1. The development of lab-grown meat could have ⁸ far-reaching negative effects in the long term.
2. It may not be ⁹ healthy and safe for humans to consume.
3. It may be ¹⁰ less appealing to some consumers.

Evidence

YES

1. You could rest assured that ⁵ the beef patty on your plate didn't come from a cow that had to endure physical and mental torment.
2. Switching to lab-grown meat could lower the greenhouse gas emissions by ⁶ up to ninety-six percent.
3. Scientists can add ⁷ vitamins and minerals to lab-grown meat.

NO

1. Maintaining the infrastructure of lab-grown cell cultures requires ¹¹ significant quantities of energy.
2. It might have side effects, such as allergic reactions, or cause more serious health problems like cancer.
3. It may be somewhat lacking in ¹² taste and texture.