Bioeconomy 101: Making Microbial Connections

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Did you know that the tiniest parts of an ecosystem play massive roles in driving the economy? In fact, microbes are at the

WHAT IS THE ROLE OF MICROBIOLOGY IN THE BIOECONOMY?

Microbes have many features that make them integral to the bioeconomy. In addition to being a renewable resource, they have varied metabolic capabilities and physiologic traits that can be harnessed to generate high-value, sustainable products.

Food Security

For example: fermentation is a microbial process critical to crafting dairy products like cheese and beverages, including wine and kombucha. The capabilities of lactic acid bacteria not only support the one -0YoIn additiond]T83rie( )T0 4Td[(v)7Ol af Tbut alsoed metabolic capa

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