

FAO

Food and Agriculture Organization

TOPIC: Food Safety Challenges from the Production of Cell-based Food

LANGUAGE: English

Cell-based food, also known as lab-grown food, is a new way of producing food by growing animal or plant cells instead of using traditional farming. This method could help reduce pollution, protect the environment, and provide more food for people around the world. It also has the potential to use fewer natural resources, which makes it an interesting solution for future food security.

However, there are still many challenges. The biggest one is food safety, since governments and producers must ensure it is safe to eat. Other challenges include making clear rules, lowering production costs, and helping people trust this type of food. Because it affects health, the economy, and the environment, countries need to discuss and cooperate on how to make cell-based food a safe and reliable option for the future.



LEVEL: Advanced