

Viewpoint: Lab-grown meat could lead to a 'greener, safer, and more humane future'

An emerging body of research unequivocally confirms the need to shift our diets away from a dependency on animal agriculture, and it is clear that a challenge this demanding and urgent requires a multi-pronged, innovative approach.

Many have argued that a widespread transition to a plant-based diet is required...However, in the past few years, scientists and entrepreneurs have begun to pioneer an entirely new area of biotechnology that would enable consumers to continue enjoying genuine meat products with a fraction of the environmental, public health, and ethical impacts incurred by current industrial animal agriculture practices. The production of *clean meat* entails growing the animal cells that comprise meat...through large-scale bioprocesses rather than breeding, rearing, and slaughtering whole animals.

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To overcome the barriers to achieve low-cost clean meat production at scale, there is tremendous need for collaboration between scientists and industry leaders...

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Tapping into this enormous potential for cross-disciplinary collaboration will be essential to resolve critical questions and mobilize the clean meat industry. As the search for solutions to the environmental, animal welfare, and public health problems posed by a growing population dependent on animal agriculture intensifies, the success of the of the clean meat field will be instrumental to a greener, safer, and more humane future.

Read full, original article: [Is The Future Of Meat Animal-Free? Biotechnological Innovations To Bring Clean Meat To Consumers' Plates](#)