

ERS Peer Review Plan

Preliminary Title: The Economics of Cellular Agriculture and Emerging Fermentation Technologies

Type of Report (ERR, EIB, EB) ERR

Influential Scientific Information

Agency: Economic Research Service Highly Influential Scientific Assessment
USDA

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Subject of Review: Meat and other animal products are a significant source of protein in American diets and are the foundation of important revenue streams to millions of U.S. farmers, the food processing sector, and other food businesses. However, for multiple reasons, a segment of consumers in the United States and abroad are increasingly purchasing alternatives to conventional animal-sourced foods—meat, eggs, and dairy products—that involve minimal or no use of animals. These dietary substitutions have been facilitated, in part, by an increased availability and variety of plant-based substitutes for animal products. For the past few decades, food companies have primarily used plants and other plant-based ingredients to produce analogs to conventional meat, egg, and dairy products, such as soy patties for hamburgers, nut-based dairy, and tofu for turkey meat.

Purpose of Review: The purpose of the review is to ensure the high-quality of the economic analysis, transparent explanation of methods, objective interpretation of results, and effective communication to the intended audience.

Type of Review: Panel Review Individual Reviewers

Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 07/31/2023 Completed: 5/15/2024

Number of Reviewers: 3 or fewer 4 to 10 More than 10

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: Agency Designated Outside Organization

Opportunities for Public Comment? Yes No

If yes, briefly state how and when these opportunities will be provided:

How:

When:

Peer Reviewers Provided with Public Comments? Yes No

Public Nominations Requested for Review Panel? Yes No

