### Peer Review Plan

**Preliminary Title:** Economics of Sub-therapeutic Antibiotic Use in U.S. Livestock Production

**Type of Report (ERR, EIB, EB, TB, SOR,):** ERR  [X] Influential Scientific Information

**Agency:** Economic Research Service  [ ] Highly Influential Scientific Assessment USDA

**Agency Contact:** Ephraim Leibtag; eleibtag@ers.usda.gov

**Subject of Review:** Farmers use antibiotics to treat and prevent animal diseases and increase the productivity of animals and operations. However, there is concern that antibiotic use in livestock will contribute to antimicrobial resistant pathogens, with repercussions for human and animal health, increasing pressure to limit sub-therapeutic antibiotic (STA) use. This report addresses the following questions: How does the current structure of the livestock industry interact with use and restrictions on STAs? How widely are sub-therapeutic antibiotics used in the livestock industries? How do sub-therapeutic antibiotics used in the livestock industries? How do those impacts affect production and prices in markets?

**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  [X] Individual Reviewers  [ ] Alternative Process (Briefly Explain):

**Timing of Review (Est.):**

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**Number of Reviewers:**  [ ] 3 or fewer  [X] 4 to 10  [ ] More than 10

**Primary Disciplines/Types of Expertise Needed for Review:** Economists

**Reviewers selected by:**  [X] Agency  [ ] Designated Outside Organization

**Organization’s Name:**

**Opportunities for Public Comment?**  [ ] Yes  [X] No

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

How:  

When:

**Peer Reviewers Provided with Public Comments?**  [ ] Yes  [X] No

**Public Nominations Requested for Review Panel?**  [ ] Yes  [X] No