Board Research Initiative
Request for Proposals

Advancing Vaccine Technologies to Address Emerging Poultry Disease Challenges

Background

Research is needed to support the development of infrastructure and the capacity to rapidly respond to emerging poultry disease challenges. Studies supporting the advancement of vaccine technologies that are adaptable to address evolving and future disease challenges, in addition to new variants of current disease issues would accelerate the development of new animal health products and reduce administrative regulatory burdens. This will also ensure the product is safe and improve animal health.

Research Areas

    a. Develop new and unique platform vaccine technologies for poultry
        i. Further development of platform vaccine technology specifically for bacteria and viruses
    b. Identify more accurate methods of mass applied vaccine technology (for all poultry species)
        i. Methods that can be applied at the farm or hatchery
        ii. Methods to improve the efficiency of vaccine delivery
        iii. Methods to improve the accuracy of vaccine delivery resulting in full dose application

Proposal Submission

Researchers should submit only a maximum two-page pre-proposal summary that describes the parts of the objectives they wish to address and what they propose to do. A title, the researcher's name, affiliation, and email address should be included in the pre-proposal. Details of procedures or specifics of the budget should not be included in the pre-proposal submission. Pre-proposals should be submitted electronically at: https://www.uspoultry.org/programs/research/ .

DEADLINE FOR PRE-PROPOSAL SUBMISSION IS NOVEMBER 1, 2024.

The outcome of the pre-proposal review will be one of three responses from USPOULTRY:

- Send a full research proposal for consideration.
- Please make specific modifications in what you are proposing and send a full proposal.
- Do not send a full research proposal.

Full proposals will follow established USPOULTRY guidelines as seen at www.uspoultry.org. Funds can be used for graduate students, technicians, research supplies, and work and meeting

travel. Funds cannot be used for professional (faculty or postdoc) salaries or equipment purchase. Up to 15% overhead is allowed. No budget, including overhead, may exceed $125,000.