

## Board Research Initiative Request for Proposals

Released – September 10, 2020

### Clostridial Dermatitis in Poultry

#### Background

Clostridial dermatitis, often called gangrenous dermatitis, is an important disease seen in broiler chickens and turkeys. The disease can lead to significant mortality losses and often requires the use of antibiotics in order to restore the health of an affected flock. The pathogenesis of the disease and the management and environmental factors involved in the epidemiology of the disease are poorly understood.

#### Research Questions

- What are management and environmental factors which contribute to the development of clostridial dermatitis in broilers and/or turkeys?
- Which pathogenic agents are involved in the development of the disease?
- What measures can be taken to minimize the development of clostridial dermatitis in broilers and/or turkeys?

#### Areas of Focus

- Identification of management and environmental factors which contribute to the development of clostridial dermatitis in broilers and/or turkeys.
- Identification of the pathogens involved in clostridial dermatitis
- Development of measures to reduce the incidence of clostridial dermatitis in broilers and/or turkeys.

#### 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 in Microsoft Word format to Geraldine Dew at [gdew@uspoultry.org](mailto:gdew@uspoultry.org). **DEADLINE FOR PRE-PROPOSAL SUBMISSION IS NOVEMBER 2, 2020.**

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](http://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.