

For Immediate Release

U.S. Poultry & Egg Association

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Researchers Identify Early Indicators of Necrotic enteritis Disease in Broiler Chickens

USPOULTRY and the USPOULTRY Foundation announce the completion of a funded research project at North Carolina State University in which researchers identified early indicators of Necrotic enteritis disease in broiler chickens. The research was made possible in part by an endowing Foundation gift from Case Farms and proceeds from the International Poultry Expo, part of the International Production & Processing Expo (IPPE). The research is part of the Association's comprehensive research program encompassing all phases of poultry and egg production and processing. In total, \$35,700,000 has been invested in research by the Association and Foundation. A summary of the completed project is below.

Project #728: Identification of Early Indicators of Necrotic enteritis Disease in Broiler Chickens

(Dr. Ravi Kulkarni, Department of Population Health and Pathobiology, College of Veterinary Medicine, North Carolina State University, Raleigh, N.C.)

Dr. Ravi Kulkarni, assistant professor at North Carolina State University, and colleagues recently completed a research project aimed at identifying biological indicators during Necrotic enteritis (NE) development that may help initiate prompt disease control measures. Findings revealed two specific volatile organic compounds which appear to be positively correlated with the incidence of NE in broiler chickens. These results could be applied to the development of a method suitable for identifying rapid and reliable NE detection precision tech-tools.

The research [summary](#) can be found on the USPOULTRY website. Information on other Association research may also be obtained by visiting the USPOULTRY website, www.uspoultry.org.

About USPOULTRY

U.S. Poultry & Egg Association (USPOULTRY) is the All Feather Association progressively serving its poultry and egg members through research, education, communications and technical services. Founded in 1947, USPOULTRY is based in Tucker, Georgia.

About USPOULTRY Foundation

The USPOULTRY Foundation's mission is to support the recruitment and training of the brightest students, seek and fund scientific research, foster student scientists and promote careers in the poultry and egg industry.