

DEPARTMENT OF ANIMAL SCIENCES

ALL SEMINARS ARE 12:30-1:20 PM
CRTN 1011 OR VIA ZOOM



Dr. Arun Bhunia

Professor, Dept. of Food Science,
Purdue University

"Remodeling Intestinal Barrier Damage by Bioengineered Probiotics." This seminar presents features of the dysbiotic gut as well as restoring some intestinal barrier damage. This bioengineered probiotic showed strong interaction with epithelial Hsp60, high immunomodulatory response, and restored epithelial barrier integrity in an inflamed gut and listeriosis infection in animal models.

OCTOBER 3, 2024



Dr. Shawna Weimer

Asst. Professor & Director of the
Center for Food Animal Wellbeing,
Univ. of Arkansas, Fayetteville

"Assessing broiler welfare through genetic and environmental lenses." This seminar will examine how genetics and environmental factors impact broiler chicken welfare. Dr. Weimer will cover sustainable practices, selective breeding for traits like growth rate and water efficiency, and welfare indicators such as behavior and health, as well as the influence of air circulation and lighting on production.

NOVEMBER 7, 2024



Dr. Laura Hernandez

Professor, Lactation Physiology,
University of Wisconsin, Madison

"The mammary gland as a regulator of calcium homeostasis." This seminar will focus on the homeostatic control of calcium during lactation by the mammary gland. Further, it will illustrate the role of the mammary gland in overall control of the endocrinology and metabolism of the animal during lactation.

DECEMBER 5, 2024

Zoom Link: <https://purdue-edu.zoom.us/j/99733985137>

Meeting ID: 997 3398 5137



PURDUE
UNIVERSITY

Animal Sciences