

# DEPARTMENT OF ANIMAL SCIENCES

**MARCH 6, 2025 12:30-1:20 PM  
CRTN 1011 OR VIA ZOOM**



## **DR. KICHOON LEE**

**Professor, The Ohio State University,  
Department of Animal Sciences,  
Columbus, Ohio, USA**

**Dr. Lee, a professor of animal science, focuses on discovery of novel factors and understanding their roles in adipose tissue and muscle development. This will lead to the development of new breeding strategies for selection of superior lines of animals with greater muscle growth and less fat.**

*"Avian transgenesis: Transgenic and gene-edited avian species".* This seminar covers the development of transgenic quail models and a poultry-specific CRISPR/Cas9 system for precise genome editing in chickens, quail, and ducks, leading to traits like altered feather color and increased muscle mass and feed efficiency. These advances enhance avian genetic research for improved poultry production.

**Zoom Link:**

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

**Meeting ID: 997 3398 5137**



**Animal Sciences**