Nagoya University
Graduate School of Bioagricultural Sciences
School of Agricultural Sciences

Joint Degree Program
WEBINAR SERIES

Date: November 12, 2026

Time: 16:00 (JST)
Thailand 14:00 / Perth 15:00



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Nutritional Regulation of Protein Metabolism in Chickens: Insights into Heat Stress Adaptation and Polyamine Function

Poultry production plays a critical role in sustainable animal agriculture, yet the biological mechanisms supporting rapid growth and stress adaptation remain incompletely understood. In this seminar, I will introduce my research on protein metabolism in chickens, focusing on two topics: nutritional regulation of heat stress-induced muscle proteolysis and the physiological roles of polyamines. Our studies demonstrate that oxidative stress and impaired insulin signaling contribute to protein degradation during heat stress, while amino acid supplementation can alleviate these effects. I will also discuss unique polyamine metabolic pathways in chickens and their importance for growth and muscle development.

Program

16:00 Research Talk
17:00 Information Session on the Joint PhD program

Registration

via the form,
to receive the Zoom link.
https://forms.gle/BnuFHcN57egRsj8V8

Open to all — students, faculty, and researchers welcome!

About the Joint PhD Program

The Graduate School of Bioagricultural Sciences at Nagoya University offers two Joint PhD Programs with partner universities: Kasetsart University or The University of Western Australia. Students earn a single PhD degree jointly awarded by Nagoya University and the partner university, with opportunities for joint research collaboration and cultural exchange.

KASETSART UNIVERSITY
https://www.agr.nagoya-u.ac.jp/international-exchange/ku-jdp_new.html

THE UNIVERSITY OF WESTERN AUSTRALIA
https://www.agr.nagoya-u.ac.jp/english/academics/uwa-jdp_e.html