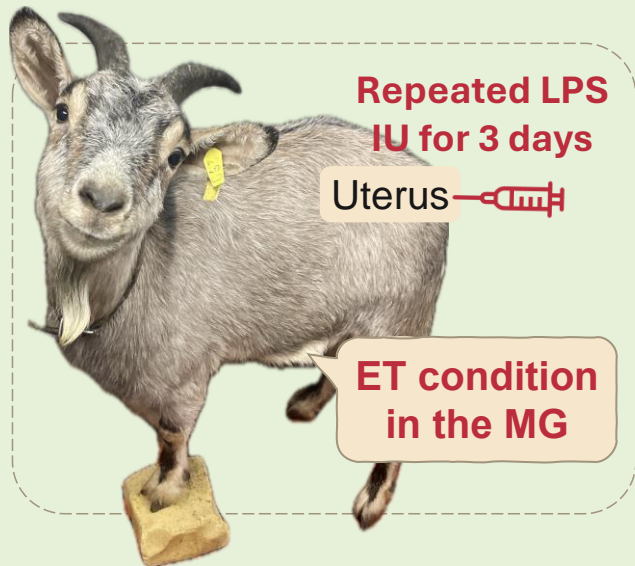


# Doctoral Thesis Presentation

学位論文発表会

## Study on the Endotoxin Tolerance in the Mammary Gland of Goats

ヤギの乳房におけるエンドトキシン寛容に関する研究



Repeated infusion of lipopolysaccharide (LPS) into the uterus can enhance an endotoxin tolerance (ET) condition in the mammary gland. This ET condition improved leukocyte activity, leading to enhanced immune functions such as phagocytosis and LPS clearance, as observed in ET-induced goats. Therefore, ET emerges as a potential therapeutic strategy to modulate immune responses and improve pathogen clearance without causing harmful inflammation.

**Presenter: Jirapat Jaisue**

Program of Bioresource Science (生物資源科学プログラム)

**Date and Time: February 5<sup>th</sup> 2025 (Wed), 14.00 – 15.00**

**Location: School of Applied Biological Science, C203**

This presentation is the subject of a Science seminar of the Graduate School of Integrated Sciences for Life.

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