

Doctoral Thesis Presentation

Nutritional Studies on Plasma Formate and Amino Acids for One-carbon Metabolism in Ruminants

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Date and time: 16:00-17:00, January 27 2021

Place: Room C205, School of Applied Biological Science

One-carbon metabolism is an important metabolic pathway for maintaining the vital and health condition of animals. In this study, ruminant specific modulation in one-carbon metabolism were clarified by measuring the changes in plasma concentrations of formic acid and amino acids under following three different nutritional conditions; feeding milk for neonatal calves, providing fermented feeds rich in ethanol, and supplementing phytol for sheep.

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