

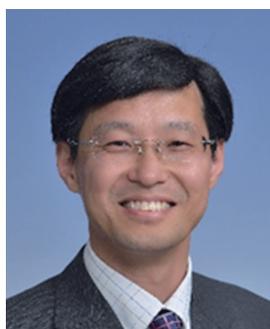
## The Liver tissue: Another Endocrine Organ in Ruminant

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The liver plays a crucial role in controlling the homeostasis as a secondary endocrine organ. In ruminant, the hepatic function is dramatically changed during weaning and parturition through the signaling of hormones and blood metabolites. The management systems, feed composition and feeding program affects much to increasing pathological processes of energy metabolism disorder in liver. The endocrine system and liver are codependent, and the either organs can lead to alter the quantity and quality of animal production. The presentation will give our data about the physiological roles of chemerin and ANGPTL8 as the hepatic hormones, and the regulatory factor of its production, to understand the hepato-endocrine interplay.



### Research Biography

Sanggun Roh has worked in Seoul National University, Obihiro University, Monash University, Shinshu University, North Carolina State University from postgraduation. In 2009, he moved to Tohoku University Graduate School of Agricultural Science as an associate professor. He is now doing the international collaboration with overseas research groups in USA, Canada, German, South Korea, China, Thailand, French and German. He also served the adjunct associate professor in Seoul National University from 2017 to 2019. His research interest is to study the physiological and metabolic adaptations in three key tissues (adipose, mammary gland and liver) through the rumen in ruminant production.