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PROGRAM

Thursday, 27 October

8:00-9:00	Registration at the Centrair Hall	
9:00-9:30	Opening Ceremony	
Session I-1 chaired by Takumi Shinkai (Japan) and Mengzhi Wang (China)		page
Invited talk IS1 9:30-10:10	Rumen microbiome analysis in relation to feed conversion efficiency Christopher S. McSweeney (Australia)	1
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O2 10:25-10:40	Effects of different dietary energy and protein restriction on growth performance, structural and physiological properties of rumen and microbial diversity of weaned lambs <u>K. Cui</u> , M. Qi, B. Si, Y. Tu, Q. Diao, T. Ma and N. Zhang (China)	15
10:40-11:05	Coffee Break	
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O4 11:20-11:35	Effects of cold stress and glycerol supplementation on growth performance and rumen characteristics in Korean cattle steers <u>H.J. Kang</u> , M.Y. Piao, S.J. Park, D. Jeong, S.Y. Kim, N.S. Weon, H.J. Kim and M. Baik (Korea)	18
O5 11:35-11:50	Effects of interactions between dietary crude protein and gallic acid on rumen fermentation and nitrogen metabolism in beef cattle <u>Y. Bao</u> , K. Zhou and G. Zhao (China)	19
Session I-2 chaired by Myunggi Baik (Korea) and Shengyong Mao (China)		
O6 11:50-12:05	Effects of interactions between dietary crude protein and tannic acid on rumen fermentation and nitrogen metabolism in beef cattle <u>K. Zhou</u> , Y. Bao and G. Zhao (China)	20
O7 12:05-12:20	Effects of ensiling methods for by-product forages and grain sources on digestion and urea metabolism in sheep <u>H.L. Dang</u> , T. Obitsu and T. Sugino (Japan)	21
O8 12:20-12:35	Development of holistic feed library of CNCPS based nutritional models <u>S. Jeon</u> , S. Park, K. Ki, K. Sohn and S. Seo (Korea)	23

O9 12:35-12:50	Effects of unsaturation of long-chain fatty acids on protozoal community structure and bacterial recycling due to protozoa engulfment of goat rumen <u>Y.J. Jing</u> , M.Z. Wang, J. Gao and Y. Pi (China)	25
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O14 16:50-17:05	Effects of dietary addition of 2-nitro-1-propanol on <i>in vitro</i> ruminal fermentation and methane production of a grain-rich feed <u>Z.-W. Zhang</u> and H.-J. Yang (China)	31
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