Asian-Australasian Journal of Animal Sciences

July 2007 Volume 20 Number 7 **Contents** ANIMAL BREEDING AND GENETICS 144. Retroviral Gene Expression in Spermatogonial Stem Cells during Long-term Culture / D. K. Jeong and Michael D. Griswold (Korea) 1015 145. PCR-SSCP Polymorphism of Inhibin β_A Gene in Some Sheep Breeds / M. X. Chu, C. T. Xiao, Y. Fu, L. Fang and S. C. Ye (P. R. China) 1023 ANIMAL REPRODUCTION AND PHYSIOLOGY 146. Interaction of Bovine Growth Hormone with Buffalo Adipose Tissue and Identification of Signaling Molecules in Its Action / R. Sodhi and Y. S. Rajput (India) 1030 147. Leptin Is a Metabolic Signal for GnRH-LH/FSH Axis in Feed-restricted Ewes / Towhidi, A., Khazali, H. and Zhandi, M. (Iran) 1039 RUMINANT NUTRITION AND FORAGE UTILIZATION 148. Comparison of In vivo and In vitro Techniques for Methane Production from Ruminant Diets / Raghavendra Bhatta, K. Tajima, N. Takusari, K. Higuchi, O. Enishi and M. Kurihara (Japan) 1049 149. Phylogenetic Analysis of 16S rDNA Sequences Manifest Rumen Bacterial Diversity in Gayals (Bos frontalis) Fed Fresh Bamboo Leaves and Twigs (Sinarumdinaria) / Weidong Deng, Metha Wanapat, Songcheng Ma, Jing Chen, Dongmei Xi, Tianbao He, Zhifang Yang and Huaming Mao (P. R. China) 1057 150. Different Sources and Levels of Copper Supplementation on Performance and Nutrient Utilization of Castrated Black Bengal (Capra hircus) Kids Diet / M. K. Mondal and P. Biswas (India) 1067 NONRUMINANT NUTRITION AND FEED PROCESSING 151. Investigation of the Effects of Oat and Barley Feeding on Performance and Some Lipid Parameters in Table Ducks / Szilvia Orosz, Ferenc Husvéth, Margit Vetési, László Kiss and Miklós Mézes (Hungary) 1076 152. Effects of Different Dietary Levels of Mannanoligosaccharide on Growth Performance and Gut Development of Broiler Chickens / Y. Yang, P. A. Iji and M. Choct (Australia) 1084 153. The Additivity of True or Apparent Phosphorus Digestibility Values in Some Feed Ingredients for Growing Pigs / R. J. Fang, T. J. Li, F. G. Yin, Y. L. Yin, X. F. Kong, K. N. Wang, Z. Yuan, G. Y. Wu, J. H. He, Z. Y. Deng and M. Z. Fan (P. R. China) ... 1092 154. Effects of Dietary Lysine and Microbial Phytase on Growth Performance and Nutrient Utilisation of Broiler Chickens / P. H. Selle, V. Ravindran, G. Ravindran and W. L. Bryden (Australia) 1100 ANIMAL PRODUCTS AND APPLIED SCIENCE 155. Relationships of Body Composition and Fat Partition with Body Condition Score in

Serra da Estrela Ewes / R. M. Caldeira and A. V. Portugal (Portugal)

1108

156.	2, 4-Thiazolidindion Induced Plasticity of Myoblast (C2C12) and Satellite Cells (Porcine) - A Comparative Study / N. K. Singh, H. S. Chae, I. H. Hwang, Y. M. Yoo, C. N.	
	Ahn, H. J. Lee, H. J. Park and H. Y. Chung (Korea)	1115
157.	Bioavailability of Iron-fortified Whey Protein Concentrate in Iron-deficient Rats / Tomoki	
	Nakano, Tomomi Goto, Tarushige Nakaji and Takayoshi Aoki (Japan)	1120
158.	Gel Color and Texture of Surimi-like Pork from Muscles at Different Rigor States	
	Post-mortem / Geun-Ho Kang, Han-Sul Yang, Jin-Yeon Jeong, Sang-Hoon Moon, Sun-Jin	
	Hur, Gu-Boo Park and Seon-Tea Joo (Korea)	1127
REVIEW PAPER		
159.	Selenium in Food Chain and Animal Nutrition: Lessons from Nature -Review- / M. P.	
	Lyons, T. T. Papazyan and P. F. Surai (USA)	1135
160.	Somatotropic Axis and Nutrition in Young Ruminants around Weaning Time / K. Katoh,	
	T. Takahashi, Y. Kobayashi and Y. Obara (Japan)	1156