

P-62

FOUR-WEEK SAFETY EVALUATION OF MEAT PRODUCED BY CLONED COWS IN RATS

Ehn-Kyung Choi, Eun-Yong Jung, Hu-Song Zhang, Zai-Zhi Huang, Hyeong-Jin Ji,
Young-Bang Kwon, Dae-Joong Kim, Sang-Yoon Nam, and Jong-Koo Kang

College of Veterinary Medicine, Chungbuk National University, Cheongju, 361-763, Korea

This study was to evaluate oral toxicity of meat originated from cloned cows in 7-week-old Sprague-Dawley rats. The meats were mixed with 2%, 10%, and 50% in basal diet and were fed to SD rats for 28 days, respectively. There were no changes in clinical signs, blood and urine analyses, change of body weight, and feed intake or water consumption in all animals treated with the meat mixtures. Also, specific histopathological findings were not observed in the animals. From these results, we suggest that the meat from cloned cows may be safe to rats fed with it for 4 weeks, although its longer experiment is necessary in future.