

PAS diastase-resistant mucins. For diagnostic confirmation, an immunohistologic evaluation was conducted. The tumor cells show positive membrane immunoreactivity for the HER-2/neu (c-erbB-2) oncoprotein. The lesion in the bitch was histologically similar to those in found women. There have been few previous reports of canine Paget's Disease of the breast showing a clear cell morphology.

**\*Corresponding Author : Professor, Kyu Shik Jeong, D.V.M., Ph.D.,**

Department of Pathology. College of Veterinary Medicine, Kyungpook National University, 702-701. #1370. Sangyeok-dong, Buk-ku. Daegu City, Republic of Korea

Phone +82+53+950+5975. Fax +82+53+950+5955. E-mail jeongks@mail.knu.ac.kr

#### **P#45**

### **Outbreaks of Chicken Hydropericardium-Hepatitis Syndrome in Korea**

Sun-Hee Do, Jeong-Won Sun, Ki-Seok Kim, Won-Il Jeong, Da-Hee Jeong, Hai-Jle Yang, Dong-Wei Yuan, Il-Hwa Hong, Woo-Suk Kim, Hyun Yi, Jae-Chung Jo, Mi-Ran Ki, Tae-Hwan Kim, Kyu-Shik Jeong

*Department of Veterinary Pathology, Collge of Veterinary Medicien, Kyungpook National University, Daegu, Republic of Korea*

A flock of 25-day-old broiler chickens, affected with hydropericardium-hepatitis syndrome (HHS) and with swollen kidneys and yellowish diarrhea, were investigated histopathologically. The mortality rate

increased after 20 days of age in a flock on a broiler farm. Grossly, typical dilated hydropericardium was observed and filled with blood tinged watery fluids in the sternal cavity, multifocal necrotic and yellowish liver, and congestive dilated kidneys. Histologically, the chickens had multifocal hepatic necrosis with intranuclear inclusions in the hepatocytes, a marked increase of macrophages in the spleen and lungs, moderate pericardial edema, and a degeneration of convoluted and collecting tubules, with hemorrhage in the kidneys. This case presents the first gross and histopathological examinations of HHS from outbreaks in Korea

**\*Corresponding Author :Professor, Kyu Shik Jeong, D.V.M., Ph.D.,**

Department of Pathology. College of Veterinary Medicine. Kyungpook National University. 702-701. #1370. Sangyeok-dong. Buk-ku. Daegu City. Republic of Korea

Phone +82+53+950+5975. Fax +82+53+950+5955. E-mail. jeongks@mail.knu.ac.kr

#### **P#46**

### **Angiotropic Metastatic Malignant Melanoma of Canine Mammary Gland Tumor**

Sun-Hee Do, Won-Il Jeong, Sang-Joon Park, Jae-Yong Chung, Suk-Hwan Lee, Young-Ha Lee, Seo-Jin Bak, Hee-Joo Kim, Mi-Na Seo, Mi-Ran Ki, Won-Seok Oh, Se-Il Park, Tae-Hwan Kim and Kyu-Shik Jeong

*Department of Veterinary Pathology, Collge of Veterinary Medicien, Kyungpook National University, Daegu, Republic of Korea*