

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#54

### Degenerative Pilomatrixoma in a Canine

Jae-Yong Chung, Sun-Hee Do, Da-Hee Jeong, Il-Hwa Hong, Young-Jin Ko, Hyo-Jin Lee, Chul-Soong Park, Joung-Hoon Shin, Tae-Hwan Kim and Kyu-Shik Jeong\*

*Department of veterinary pathology, College of veterinary medicine, Kyungpook National University*

Female maltese dog, which is 12 years old, is showed left shoulder skin mass from 2 years ago. We obtain two mass specimens surgically. Specimens are showed 15×26mm diameter / oval form and 12×15mm diameter / round form respectively. Specimens are showed chalky, granular, multilobulated, and well-demarcated keratinized dermal tumor in gross examination. Specimens are fixed in formalin and stained by hematoxylin-eosin. The cyst wall is composed of multiple layers of basaloid cells, showing a degeneration to form the nuclear lamination of ghost cells. Some region shows mineralization of ghost cells. No inflammatory reaction is found in this case. Dermal adnexa were normal feature except significant dilation of apocrine glands with peripheral neovascularization. We diagnosed a pilomatrixoma, fully developed stage.

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

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

## P#55

### TGF-β and p-Smad2/3 Mediated Hepatocyte Apoptosis Increase in HCV-core Protein Mutation Mice by Active Alcohol Consumption

Dong-Hyung Noh<sup>(1)</sup>, Sun-Hee Do<sup>(1)</sup>, Won-Il Jeong<sup>(1)</sup>, Sang-Joon Park<sup>(1)</sup>, Jae-Yong Chung<sup>(1)</sup>, Da-Hee Jeong<sup>(1)</sup>, Il-Hwa Hong<sup>(1)</sup>, Dong-Hwan Kim<sup>(1)</sup>, Tae-Hwan Kim<sup>(1)</sup>, Dae-Yeul Yu<sup>(2)</sup> and Kyu-Shik Jeong<sup>(1)</sup>

<sup>(1)</sup>*Department of Veterinary Pathology, College of Veterinary Medicine, Kyungpook National University, Daegu, Republic of Korea, and*  
<sup>(2)</sup>*Korea Research Institute of Bioscience and Biotechnology, Daejeon, Republic of Korea*

It has been demonstrated that hepatitis C virus (HCV)-core protein regulates transcriptionally cellular genes, as well as cell growth and apoptosis and alcohol consumption in persons with chronic HCV infection is associated with advanced liver disease, including cirrhosis. Transforming growth factor-beta (TGF-β) is a pleiotropic cytokine implicated as a pathogenic mediator in various liver disease. In this study, we evaluated the relationship between alcohol consumption and hepatocyte apoptosis in