## 2. A Preliminary Study On The Acute Effect Of Consuming Goat Meat On Mildly Hypertensive Patients And Their Blood Lipid Profile

***MARNI S[1],MUSTAFA AM[2], ZAMRI C[3], KHAIRUNNISAK, M[1],MARZURA, MR[1], NOR FASIHAH AS[4] AND SAIPUL BAHARI AR[4]**

[1]Veterinary Public Health Laboratory, Department of Veterinary Services, Jln Nilai-Banting, Bandar Baru Salak Tinggi, 43900, Sepang, Selangor, Malaysia
[2]Department of Pathology, Faculty of Medicine, University of Malaya, 50603 Kuala Lumpur, Malaysia
[3]Shimadzu-UMMC Centre for Xenobiotics Studies (SUCXeS), Faculty of Medicine, University of Malaya, 50603 Kuala Lumpur, Malaysia
[4]Diagnostic and Quality Assurance Division, Department of Veterinary Services, Putrajaya, Malaysia
*marni@dvs.gov.my

**Abstract**

In Malaysia, existing public opinion on the effect of consuming goat meat which could contribute to high blood pressure, elevated blood cholesterol level and subsequent cardiovascular disease, has limited the growth of the small ruminant industry. The aim of this study, thus, was to investigate the effects of the consumption of goat meat on the hypertensive and lipid profile status. A total of 10 subjects were involved in the study; 5 men and 5 women. They were given a fixed amount of goat meat soup with 2 slices of bread and a cup of sugarless barley drink. Paired-sample t-test statistical analysis was used to compare whether there was a difference in the blood pressure between pre and post intake of goat meat. The results of the analysis do not support an association between goat meat consumption and increased risk of blood pressure and cholesterol level. Thus, this perception of goat meat consumption adversely affecting human health and contributing to cardiovascular diseases is incorrect.

## 3. Effect Of Dietary High Protein Bull Frog Meal Supplementation On Growth Performance, Feed Conversion, Blood Serum Chemistry, Liver And Kidney Function Markers And Plasma Lipoprotein Activity In The Fish *Oreochromis sp.*

***L SHAMSUDIN, M HAAZIQ SAARI AND WAN ZAHARI MOHAMED**

Fakulti Perubatan Veterinar, Universiti Malaysia Kelantan, Kampus Kota, Pengkalan Chepa, Locked Bag 36, 16100, Khota Bharu, Kelantan, Malaysia
*lokman.s@umk.edu.my

**Abstract**

The effects of dietary supplementation of high protein bull frog concentrate on the growth performance, feed conversion and lipoprotein activity in blood plasma were studied in tilapia (*Oreochromis sp*) fed with standard commercial diet with high saturated fatty diets. Fish meal supplemented with bull frog concentrate (BFD) resulted in better performance than only commercial diet. At the end of the experiment, there was no significant differences