



Preface

In continue to the previous editions, the second volume and second issue (Year 2019) of the scholarly open-access journal *Translational Research in Veterinary Science* (TRVS), Nicolaus Copernicus University (NCU) publishers' is publishing five research papers devoted in the field of veterinary science. This published issue of TRVS includes three manuscripts based on the CNVs, GWAS, veterinary public health, *colibacteriosis* research studies, and two short communications describing “*Omics data report in brief*” in cattle. The Żukowski *et al.* (2019) have published the original research paper based on the application of NGS illumina bovineSNP50 v3 BeadChip array technology to explain the genome-wide association studies (GWAS) patterns of copy number variation (CNV) in case control mastitis study of Polish-HF cows in cattle. Study summarized the methodological part of the GWAS and illumina SNP50 BeadChip array technology and illustrated the bioinformatics tools to identify the CNVs to the indicate putative candidate genes in Polish-HF cattle. In the second paper based on the sanitary inspections and public health research study, Felsmann *et al.* (2019) reviewed the current sanitary status of food processing enterprises of animal origin in context to veterinary and public health perspectives in Poland. In an another research study, Kolomak *et al.* (2019) paper presented the analysis of ultrastructural morphometric changes of pigeon kidneys affected by *colibacteriosis*. In this issue, we are publishing two “*Omics data report in brief*” (Sachajko *et al.* and

Herudzińska *et al.*) papers in a form of short communication. Nowadays, because of the large amount of big Omics data are generated from the domesticated animals research community world-wide, we have introduced a new section of submitting the “*Omics data report in brief*” representing genomics, transcriptomics, proteomics, SNPs, DEGs, and other Omics related data sets. Instructions to write short communication on “*Omics data report in brief*” will be soon added the newly updated guidelines in “instruction to Authors to TRVS” [<https://apcz.umk.pl/czasopisma/index.php/TRVS/about/submissions#authorGuidelines>]. Finally, I would like to thank all authors for their contribution to this issue. Thanks also to the editorial board members, manuscripts reviewers, TRVS editorial technical staff of NCU publisher (Mirosława Buczyńska, Elżbieta Kossarzecka, and Grzegorz Kopcewicz), who supported at every stage of the project. Most importantly, this volume of TRVS is greatly acknowledged the supported of NCU funds from JM Rector Prof. dr hab. Andrzej Tretyn.