

# *Editorial*

Nepal is an agricultural mountainous country where more than 65% people depend on the agriculture for their livelihood. Livestock is an integral part of Nepalese farming system thus play substantial role in the national economy. The contribution of livestock to society comes from quality food for human such as poultry and dairy; for increasing/ maintaining the soil fertility, draft power for agricultural operations, tanneries and several other industries such as carpet, wool, and meat etc. Agriculture contributes about 27% to the GDP out of which livestock sector alone shares about 12%.

Several research institutes, academia and extension agencies are conducting research to solve the problems faced by the livestock industry thereby contributing to improve the production and productivity of livestock and ensure the sustainability of the rural livelihood. To publicize these research, NVJ Editorial team presents the 35<sup>th</sup> issue of Nepalese Veterinary Journal (NVJ). The NVJ journal includes scientific papers from different entities on core as well as relevant research on livestock and poultry development using recent advancement in sciences. In this issue, selected scientific papers presented on the special event jointly organized for the 50th Anniversary of NVA and Nepal Veterinary Conference 2018 (VetCon'18) are included.

This issue includes manuscripts from Animal and Veterinary Sciences inclusive of different disciplines such as animal breeding, genetics and reproduction, animal health, socio-economic market studies, animal welfare, and policies. Articles included in this issue have used advanced scientific technologies. For example, in dairy cows, hormonal treatments are commonly implemented for acyclicity, silent heat and endometritis. After detecting the causes of the infertility, hormonal treatments can be used successfully to treat fertility disorders. Nevertheless, in order to enhance the reproductive performance at the herd level, a sustainable improvement of the general conditions such as housing, feeding, animal health, management are prerequisite. In addition, techniques to improve the semen quality of bucks and turkey are also included. Clean meat production and improving meat quality of ostrich are also included in this issue. Interesting articles such as role of music to improve production and using GPS and smartphone to control Rabies are worth reading and be practically implemented in the field.

I would like to extend my heartfelt thanks to respected reviewers and members of the editorial team for their untiring efforts on editing and reshaping the papers for publication. In addition, the assistance of Ms. Pramina Shrestha in type setting is highly appreciated. The publication team is hopeful and look forward for the everlasting support of our professional colleagues and well-wishers for their articles in future publications, which will help for wider dissemination of technologies and information to our clients and the farming community.

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***Editor-in-chief***