

JOURNAL OF CAMEL PRACTICE AND RESEARCH

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NUCLEAR MAGNETIC RESONANCE FOR DETECTING ADULTERATED CAMEL MILK

Journal of Camel Practice and Research, which is now triannual, has completed 25 years of journey and has proven the biggest platform of publication of research related to new and old world camelids. Research on Bactrian camels is getting a good momentum in China. Rapid detection of adulterated camel milk using low-field nuclear magnetic resonance is a new research in this direction. Dr U Wernery and his team at CVRL, Dubai always throw new insight on infectious diseases and accordingly their important contribution in this issue is focused on zoonotic diseases of camelids with special reference to Q-Fever and brucellosis, mastitis caused by *Clostridium septicum* and adhesive pleurisy of lungs caused by *Streptococcus agalactiae*. Important research on differential expression of the coronavirus (MERS-COV) receptor, dipeptidyl peptidase 4, on normal and stimulated leukocytes of dromedary camels was contributed by the scientists of Saudi Arabia. A reproduction scientists team led by Dr Amir Niasari from Iran established protocols for superovulation before ovum pickup. Another reproduction research was contributed by the scientists of Egypt, Saudi Arabia and Sudan, i.e. relationship between the size of the pre-ovulatory follicles, serum concentrations of oestradiol and progesterone, corpus luteum diameter and pregnancy rate, efficiency of single-dose administration therapies for treatment of endometritis and parasitology research on hepatic cystic echinococcosis. This issue contains manuscripts on Alpacas also. Urinalysis of pregnant and non-pregnant alpacas and bactrian camels was contributed by scientists from Czech Republic, while scientists from Auburn University, USA contributed on cyclooxygenase-1 and -2 isoenzyme activity studies in alpaca. Indian scientists contributed research on nutrition, i.e. effect on growth performance of camel calves following azolla (*Azolla pinnata*) incorporation in pelleted complete feed and production aspect, i.e. financial viability of range land based camel production system and comparison of ghee prepared from camel with other livestock species.

The year 2018 remained important for camel scientists because they got an opportunity to discuss camel research at International Veterinary Congress, Berlin (July) and ISOCARD conference at Morocco (November). Camel scientists would get another opportunity to interact in forthcoming International Veterinary Congress scheduled in May 2019 at London, UK.

Journal of Camel Practice and Research published 46 papers in the year 2018 out of which 35 were of dromedary research, 8 manuscripts of Bactrian research and 3 were related to New World Camelids. These issues of volume 25 were equivalent to a mega-book and comprised of 326 pages. This volume not only contained manuscripts based on all aspects of camel science but also contained review papers and book review. I am sure that year 2019 will provide more research literature and clues to the future camel research. Merry Christmas and Happy New Year 2019 to all the authors and members of the editorial board of JCPR.



(Dr. T.K. Gahlot)
Editor