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Camel science: current scenario and future envision

The biotechnological advancements have made new technologies and skills which are now available to help the identification of new potentialities of camel as an animal of unique attributes which would not only benefit the human and animal health but would be a favorite to researchers. Agrarian society and traditional breeders will remain in scenario all the time as they produce and manage most of the camels. Research direction would be therefore more relevant when Agrarian society adopts modern breeding, management and health practices and scientists suggest value addition to this unique species. A focus on nutraceutical value of camel meat and milk may create a big consumer base which would be viewed as unique human health advantage. The camel racing industry must upkeep and modernize their breeding programs to preserve the germ plasm of best racing breeds. A large-scale vaccination program should be on priority in addition to increase in nutrition scale to camels. The diagnostic laboratories and veterinary hospital facilities should be functional in thick camel population zones to prevent morbidity and mortality. The scientific papers published in the *Journal of Camel Practice and Research* indicated a genuine trend of camel science and current research. The missing links of research were drawn out and were enlisted as a future vision of camel science.

Biography

T K Gahlot is a Professor of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, Rajasthan University of Veterinary and Animal Sciences, Bikaner, Rajasthan, India. He is Editor in Chief of *Journal of Camel Practice and Research* from more than 23 years. He has edited many books on camels, including: "Selected Research on Camelid Immunology", "Selected Research on Gross Anatomy and Histology of Camels", "Selected Research on Camelid Parasitology", "Selected Research on Camelid Physiology and Nutrition", "Selected Topics on Camelids, Selected Topics on Camelids", "Selected Bibliography of Camelids" between 1992 and 2000. He has edited proceedings of International Camel Conferences held at Germany, Saudi Arabia and Bikaner (India). He has developed several surgical techniques for dromedary camels specially the Interdental Wiring technique for mandibular fracture repair.

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