

Interactive Meet on Camel and Human Medicine

Bikaner, 16 May 2016. Dr H. Rahman (DDG, Animal Science) focused on the achievement of collaborative project, 'Camel and Human Medicine', with the collaborating centres, viz. National Research Centre on Camel (NRCC) and Radiation Medicine Centre, Bhabha Atomic Research Centre (Mumbai). Dr Rahman revealed that with sustained efforts of scientists of NRCC and BARC for nearly seven years, the standard diagnostic kit for thyroid cancer has been prepared. This Immuno Radio Metric Assay kit utilizes the special properties of Cameline antibodies to diagnose thyroglobin (Tg) molecule present in the thyroid cancer. This can be effective in detecting thyroid cancer monitoring the cases showing recurrence. Dr Rahman also appreciated the other aspect of this programme of developing diagnostic/therapeutic module for tuberculosis in human and animals using cameline antibodies.



During the technical session the details of the validations carried out involving about 1,500 cases and scientific details of Kit prepared were presented. The antibodies in camels after repeated booster of antigen and harvesting of PBMCs. While elaborating the details of collaborative projects NRCC have with other institutes of repute, Dr N.V.Patil (Director, NRCC) also informed about the significant achievements of NRCC.