

Dr Rajendra Singh Superannuated on 31st December, 2018



Dr Rajendra Singh (62), Principal Scientist and Head, Division of Pathology, ICAR-Indian Veterinary Research Institute, Izatnagar, UP superannuated on 31st December, 2018. He was born on 1st January, 1957 in village Khunak, Badaun, UP. After his primary education, he obtained BSc degree from Christian College, Lucknow in the year 1975. Thereafter, he joined UP Veterinary College, Mathura and completed BVSc & AH degree in 1982. He completed MVSc degree in Veterinary Pathology from same college under supervision of Prof. J.N. Dwivedi in 1984. After serving for one and half year as Veterinary Pathologist at MCD, Delhi, he competed for Agricultural Research Services and joined as Scientist on 24th March, 1986 in the Centre for Animal Disease Research and Diagnosis (CADRAD) at IVRI, Izatnagar, UP. As in service candidate he continued higher studies and obtained PhD degree in Veterinary Pathology in 1997 from Deemed University, IVRI under able guidance of Dr N.S. Parihar.

He screened thousands of morbid tissues of fallen and experimental animals and around thousand of brain tissues for Bovine Spongiform Encephalopathy or mad cow disease surveillance under DAHDF, GOI, New Delhi. This exercise ignited his interest in neuropathology, which led him to work extensively on molecular epidemiology of rabies virus and strategies for preventing progression of clinical rabies in mouse model by exploring role of TLR-3, LPS, siRNA and peptides. Dr Singh investigated more than 100 diseases out breaks in various species of animals in country. He was associated with 21 research projects and interpreted histopathology slides of skin and bone grafts, nerves, cancers, etc. for expert opinion. His research output led him to the selection as Principal Scientist by ASRB, New Delhi in 2006.

He was selected to the post of Head, Division of Pathology at IVRI through ASRB, New Delhi and joined the post on 5th September, 2012 and served till his retirement. During his tenure, different divisional laboratories, postmortem facility, etc. were renovated and reorganized. He also developed grossing, morbid specimen, histochemistry and neuropathology laboratories and smart classroom facility. He initiated programs for knowledge and skill development of human resource through weekly slide reading group discussions for harmonization of diagnosis, monthly research review meeting and presentation of published research paper of high impact factor by the divisional scientists in Journal Club on monthly basis. He initiated one day seminar on the establishment day of the Division (6th September) each year. Also three out funded (DST and DBT) research projects were got sanctioned during his tenure. From time to time, he underwent training on advanced laboratory techniques viz. PCR and nucleic acid probes, hybridoma technology, rDNA technique, bioinformatics, etc. organized at IVRI. During the entire period of his service, he handled institute funded and extra mural research projects as PI and Co-PI. He promoted concept of **“In quest of understanding pathology and pathogenesis at macro to nano level and thriving for better animal health”**. His current research interest has been on neuro-, entero- and respiratory and reproductive pathology, rabies, rotavirus enteritis, lentiviral diseases, tissue repair, etc. Over the years, this led

to documentation of important animal diseases and to publication of more than 170 research papers in high impact factor journals (more than 50 in international journals), 90 abstracts, 6 research reviews, 142 GenBank submissions, 18 book chapters, 3 books, 6 manuals, 5 lead papers, etc. He has made significant academic contributions in teaching several courses to UG and PG students and guided 12 MVSc, 10 PhD scholars and co-guided 91 students of own/other disciplines and evaluated 16 theses of other universities.

Dr Singh received a total of 16 awards/ honors, some of them were- IVRI-Best Teacher Award, IAVP Fellowship, IAVP-Best Theses Award (2 PhD and 2 MVSc), Treasurer of IAVP for last 10 years, Registrar of ICVP since 2012, etc. During IVRI *Kisan Melas*, the Divisional stall was adjudged as 2nd and 3rd best stall on two occasions. He chaired and acted as a member of numerous committees (viz. Institute Deputation Committee, Out Funded Projects Screening Committee, Academic Council etc.) of the institute. He acted as Officer in Charge, Games and Sports Cell of the institute and was associated in successful organization of Foundation Day and Annual Games and Sports Meets of IVRI in 2017 and 2018. He also looked after responsibility of Officer in Charge, Modular Laboratory Building and Nodal Officer RTI Cell, thus contributed extensively to the institute building activities. He also developed human resource by organizing trainings and seminar/symposium and delivering expert lectures. He is a life member of a number of professional bodies-like IAVP, IAAVR, STOX, UPVC, VCI, etc. He is Charter Member and diplomat ICVP. Dr R. Singh was selected ICAR-Emeritus Professor at IVRI, Izatnagar by the Agricultural Education Division, ICAR, New Delhi. It is expected that soon he will join and contribute in postgraduate teaching. Dr Singh has been living happily with wife Mrs Sunita Singh and son Mr Jainendra Kumar who is pursuing MS degree in US.

IAVP Wishes Dr R. Singh and family, a very happy, healthy and peaceful post superannuated life.