



Dr. Shingini Sharma

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Dr. Shingini Sharma obtained her B.V.Sc. & A.H. in the year 2000 and M.V.Sc. (Vety. Microbiology and Immunology) in the year 2002 from G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand. After her postgraduate degree she joined Government of Uttarakhand on permanent post of Veterinary Officer in the year 2003 and subsequently joined the department of Animal Biotechnology at G.B. Pant University of Agriculture and Technology as Assistant Professor (Biochemistry) in the year 2005. She joined Government of India in the year 2008 as an Assistant Director in the C.C.S. National Institute of Animal Health under department of Animal Husbandry, Dairying and Fisheries and presently she is Joint Director in the same institute. She qualified All India examinations conducted by VCI (1995), ICAR-JRF (2000), ICAR-NET (2004), ICAR-SRF (2010). She was awarded Junior Research Fellowship during M.V.Sc degree programme in project funded by a UP Council for Agricultural Research. She is life member of Indian Society for Veterinary Immunology & Biotechnology, Society for Biosafety, Biotech Research Society of India, Laboratory Animal Scientists Association, India. She has contributed 10 research articles comprising abstracts and papers, chapters for training manuals and has authored a book on Angora Rabbit: Medicine and Management. She was awarded best oral presentation award for her work on Angora rabbit in Tehri Garhwal in the year 2005 at a National Seminar by Mobilization Society and IVRI Izatnagar.

Area of research interest

Her major area of interest comprises vaccine research, diagnostics and molecular biology of microbes. She has been actively involved in vaccine research since her post graduation and worked on the development of diagnostic kit and vaccine for capripox virus in Sheep and Goats as JRF in UPCAR project. Her postgraduate research focused on the molecular and immunological characterization of Jaipur strain of Sheepox virus. She has also taught biochemistry, immunology, virology, molecular biology and biotechnology to undergraduate and post graduate students from various professional courses while serving as an assistant professor at GBPUAT, Pantnagar. She has been a biosafety officer and in-charge of viral vaccine testings at CCS National Institute of Animal Health. She conducted the testing of pre and post vaccination sera for the detection of FMD antibodies and planned to conduct a comparative evaluation of Enzyme Linked Immunoassay and Neutralization Test for detection of antibodies against

FMD virus. She further plans to focus her research on vaccines for heat stability and improvement of quality control tests.