



Dr. Praveen Malik

Director

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Dr. Praveen Malik, born in 1968, had graduated in Veterinary Science from G B Pant University of Agriculture and Technology, Pantnagar in 1990. He completed Masters in Veterinary Bacteriology in 1993 and Ph. D. in Veterinary Microbiology in 2003. During graduation, he procured University Merit Scholarship and Vice Chancellor's Bronze Medal for the third best Graduating Student. Further he was awarded with Junior and Senior Research Fellowships from Council for Scientific and Industrial Research. In 2008, he received fellowship of reputed National Academy of Veterinary Science (India).

He has more than 22 years of research experience as veterinary microbiologist on animal diseases. Out of these, three years he worked on surveillance of diseases in free-ranging wildlife, on a project 'Sero-epidemiological studies on some infectious viral and bacterial diseases in wild ungulates in Sariska National Park and Tiger Reserve' at Wildlife Institute of India, Dehradun. During his research activities at ICAR-National Research Centre on Equines, he was deeply involved in detection and containment of glanders amongst equines, surveillance and monitoring of equine infectious anemia (EIA) and other bacterial diseases like strangles in equines, in India. He took part in development of sensitive and specific diagnostics for glanders (indirect ELISA using recombinant proteins), EIA (indirect ELISA and AGID using recombinant protein) and *Salmonella Abortus equi* (OMP-based latex agglutination test) and also participated in the development of an OMP based vaccine candidate against *Salmonella Abortus equi* in equines. As incharge and Coordinator at Veterinary Type Culture Collection (VTCC), he coordinated, strengthened and managed the repository of microbes of animal origin. He was also associated with isolation, characterization and authentication of microbes of animal origin. He is also experienced in determination of cytotoxicity among various serovars of *Salmonella* isolated from foods of animal origin and has partially purified and characterized their cytotoxic enterotoxins (cytotoxins).

As Director, CCS NIAH, he is responsible for acting as a nodal officer to recommend licensing of veterinary biologicals in the country. He is accountable for management and strengthening of the facilities

for quality control of veterinary vaccines and diagnostics and development and recommendation of standards for veterinary biologicals and diagnostics.

Area of research interest

- Infectious diseases of livestock and wild animals, including the diseases of zoonotic importance.
- Characterization of veterinary microbes, understanding the variations amongst them and their association with disease conditions.
- Exploitation of these microbes for development of diagnostic and prophylactic biologicals for infectious diseases.
- Advocacy and implementation of one-health.