

## Dr. Akhil Kumar Gupta

### Assistant Scientist



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#### Educational Qualifications

2014 Ph.D. Veterinary Immunology, LUVAS, Hisar  
2010 M.V.Sc., Veterinary Immunology, CCS HAU, Hisar  
2008 B.V.Sc. & A.H., COVS, CCS HAU, Hisar

#### Employment Details

Assistant Scientist: 30 April, 2016 – to date  
Research Associate: 21 January – 30 April, 2016  
Senior Research Fellow: 5 Dec., 2014 –20 January, 2015

#### Research Interests

Molecular immunology and Immunotechnology, Molecular Diagnostic Virology, Animal Cell Culture

#### Publications

- Research papers/ Review articles in International and National Journals: **8**
- The nucleotide sequence of the VHH clones in International GenBank ([www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov)) database: **4**
- Co-author of Book: **02**
- Book chapters: **02**
- Popular Articles: **20**
- Abstracts in National /International Conferences/Seminars: **14**
- Workshop and Conference: **5**
- Oral Presentation: **3**
- Poster Presentation: **7**

#### Awards/ Fellowships/Recognition received

- Qualified **NET** conducted by ASRB (ICAR) in 2010-11.
- **HAU Merit scholarship** holder throughout Master's degrees.
- Awarded travel grant by Bill and Melinda gates Foundation to attend the 12<sup>th</sup> International dsRNA Virus symposium at Goa, India (Oct. 6-10, 2015).
- Awarded travel grant by the American society of Microbiology to attend the SBS-ASM-ICAR Biosafety awareness programme, including workshops on "Culture of responsibility, pathogen inventory management and fundamentals of working with biosafety cabinets" at ICAR-National Institute of High security Animal Diseases, Bhopal (March 13-14, 2015).

### Detailed List of Publications

1. Sushila Maan, Narender S Maan, Kanisht Batra, Aman Kumar, **Akhil K Gupta**, Panduranga P Rao, Divakar Hemadri, Yella N Reddy, Marc Guimera, Manjunatha N Belaganahalli and Peter P Mertens.(2016). Reverse transcription loop-mediated isothermal amplification assays for rapid identification of eastern and western strains of bluetongue virus in India. *J. Virol. Methods*. 234: 65-74.
2. **Gupta, A.K.**, Lather, A. and Kumar, T. (2015) Avian Cytokines and Disease Prevention: An Overview. *Journal of Cell and Tissue Research* 15(1): 4761-4764.
3. Anshul Lather, Ravindra Sharma, Sanjay Kapoor and **Akhil Kumar Gupta** (2015). *In vitro* proliferation of Lymphocytes from rabbits experimentally infected with Peste Des Petits Ruminants Virus. *Haryana vet.* 54(2): 188-191.
4. Vinay Kumar, Aman Kumar, Ashis Debnath, Kanisht Batra, Nitish Bansal, **Akhil K Gupta**, Anuj Tiwari and Sushila Maan (2015). Development of Real Time PCR Assay for diagnosis of *Brucella* Spp. *Haryana vet.* 54(2): 99-102.
5. **Gupta, A.K.** and Singh, A. (2014) Cloning and Expression of LPS-Binding Single Domain Antibody Clones Selected from Phage Display Library of Indian Desert Camel. *Research & Reviews: A Journal of Immunology* 4: 1-7.
6. **Gupta, A.K.**, Kadian, S.K. and Gulati, B.R. (2014) Production and characterization of Monoclonal Antibodies against West Nile virus. *Veterinary Practitioner* Vol. 15 (2) December, 2014.
7. Gulati, B.R., **Gupta, A.K.** and Kadian, S.K. (2014) West Nile Virus Infection among Animals and Humans in India. *Advances in Animal and Veterinary Sciences* 2(4S): 17 – 23.
8. Lokesh Gupta, G.S. Tiwari, **Akhil Gupta** and Rajiv Garg (2008) Studies on knowledge and adoption of scientific camel rearing practices by the camel owners in desert tract of Rajasthan. *Draught Animal News* 46: 51-54.