

Name and qualification:Dr.S.KALPANA MVSc,PhD (Vety Pharmacology)

Expertise:Xenobiotic Residues.

Projects handled in IVRI:

1. Outreach Programme Funded by ICAR on “Monitoring of drug residues and environmental pollutants”.
2. Agricultural and Processed Food Products Export Development Authority (APEDA), Ministry of Food Processing Industries and ICAR Funded Project on “Monitoring of extraneous chemical substances and their residues in animal products”.

Project presently handling in NRCM:

1. “Determination of Fluoroquinolone residues in Buffalo meat samples”.

Important publications:

1. Kalpana, S., Rao,G.S and Malik, J.K. (2015).Impact of aflatoxin B<sub>1</sub> on the pharmacokinetic disposition of enrofloxacin in broiler chickens. Environmental Toxicology and Pharmacology, Elsevier, 40, 645-649.
2. Kalpana, S.,Manoj Aggarwal.,Rao,G.S and Malik, J.K. (2012).Effects of aflatoxin B<sub>1</sub> on tissue residues of enrofloxacin and its metabolite ciprofloxacin in broiler chickens. Environmental Toxicology and Pharmacology, Elsevier, 33, 121-126.