

Special Issue on
Trace Analysis of Drugs in Food and Feed

CALL FOR PAPERS

The use of veterinary drugs is unavoidable during animal food production as they are needed to prevent and treat animals' illnesses. Overdose treatment, inadequate withdrawal periods, or incorrect practices during food production could lead to the presence of residue of veterinary drugs in food of animal origin. To avoid food safety problems, the presence of these active compounds needs to be controlled; however, due to the complexity of the food and feed matrices, laborious sample preparation steps are required to achieve low limits of detection. In the literature, a wide range of analytical methods can be found for food and feed, but only a few methods permit the detection of veterinary drugs at trace levels: pg/kg in food or µg/kg in feed.

To improve the number of sensitive analytical methods available, we invite investigators to contribute original research articles as well as review articles on the detection of drugs in food matrices such as water, muscle, milk, and honey and in feed samples at trace levels.

Potential topics include but are not limited to the following:

- ▶ New methods for the analysis of drugs at µg/kg level in feed samples
- ▶ Optimization of the analytical method for the analysis of drugs in food matrices (e.g., magnetic solid phase extraction, SPE, nanoparticles, molecular imprinted polymers, aptamers, or other new biorecognition elements)
- ▶ Development of QuEChERS procedures for the analysis of drugs in feed and food matrices
- ▶ Methods validated following the European Guideline 657/2002

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jamc/tad/>.

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