Special Issue

New Risk Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Exposure to Livestock

Message from the Guest Editors

The goal of this Special Issue is to advance knowledge and exchange ideas on the risk assessment of per- and polyfluoroalkyl substances (PFASs) exposure to livestock. The proposed topics include, but are not limited to, the following:

- Environmental and feed production trends that influence livestock exposure;
- Exposure modelling and assessment for different livestock operation types (intensive and extensive practises) and climate zones;
- Monitoring studies to validate exposure models for livestock;
- PFASs toxicokinetics (in common livestock species including ruminants, non-ruminants, and poultry) and modelling methods to estimate livestock body burden;
- Practical mitigation strategies and cost–benefit considerations to minimise PFASs residues in livestock tissues and improve food quality, including efficacy of binders added to feed;
- Development of environmental guidelines to assist with screening level risk assessments for livestock farms;
- Developing acceptable PFASs levels in livestock food products and risk assessments for common livestock products (e.g., dairy, meat, and eggs).

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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