Strategies for Reducing Drug and Chemical Residues in Food Animals: International Approaches to Residue Avoidance, Management, and Testing

Ronald E. Baynes (Editor), Jim E. Riviere (Editor)


DESCRIPTION

Highlighting international approaches; the book details strategies to minimize contamination, residue monitoring programs, and classes of drugs and chemicals that pose contaminant risk in livestock.

- Focuses attention on drug and chemical residues in edible animal products
- Covers novel computational, statistical, and mathematical strategies for dealing with chemical exposures in food animals
- Details major drug classes used in food animal production and their residue risks
- Highlights efforts at harmonizing and the differences among areas like US, EU, Canada, Australia, South America, China, and Asia, where the issue of chemical exposures has significant impact on livestock products
- Ties veterinary clinical practice and the use of these drugs in food animals with regulatory standards and mitigation practices

ABOUT THE AUTHOR

Ronald Baynes is a Professor of Pharmacology and Director of the Center of Chemical Toxicology Research and Pharmacokinetics at the College of Veterinary Medicine at North Carolina State University and Fellow, American Academy of
Veterinary Pharmacology and Therapeutics

He has consulted for the National Institute of Environmental Health Sciences, the US Environmental and Protection Agency, and National Institute of Occupational Safety and Health on chemical exposure-related topics.

Jim Riviere is The MacDonald Chair in Veterinary Medicine and University Distinguished Professor at Kansas State University. He is an elected member of the Institute of Medicine of the National Academies, serves on its Food and Nutrition Board, and is a fellow of the Academy of Toxicological Sciences.

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