

References

1. Abbas, H. K., Zablotowicz, R. M., Shier, W. T., Johnson, B. J., Phillips, N. A., Weaver, M. A., et al. (2015). Aflatoxin and fumonisin in corn (*Zea mays*) infected by common smut *Ustilago maydis*. *Plant Disease*, 99(9), 1236-1240. 27 ref. doi:<http://dx.doi.org/10.1094/PDIS-03-14-0234-RE>
2. AbdElhakim, Y. M., ElSharkawy, N. I., & Moustafa, G. G. (2016). An investigation of selected chemical contaminants in commercial pet foods in Egypt. *Journal of Veterinary Diagnostic Investigation*, 28(1), 70-75. doi:<http://dx.doi.org/10.1177/1040638715624733>
3. Aleman, M., Magdesian, K. G., Peterson, T. S., & Galey, F. D. (2007). Salinomycin toxicosis in horses. *Journal of the American Veterinary Medical Association*, 230(12), 1822-1826. doi:[10.2460/javma.230.12.1822](https://doi.org/10.2460/javma.230.12.1822) [doi]
4. Babu, D., & Muriana, P. M. (2014). Sensitive quantification of aflatoxin B1 in animal feeds, corn feed grain, and yellow corn meal using immunomagnetic bead-based recovery and real-time immunoquantitative-PCR. *Toxins*, 6(12), 3223-3237. doi:[10.3390/toxins6123223](https://doi.org/10.3390/toxins6123223) [doi]
5. Behravesh, C. B., Ferraro, A., Deasy, M., 3rd, Dato, V., Moll, M., Sandt, C., et al. (2010). Human *Salmonella* infections linked to contaminated dry dog and cat food, 2006-2008. *Pediatrics*, 126(3), 477-483. doi:[10.1542/peds.2009-3273](https://doi.org/10.1542/peds.2009-3273) [doi]
6. Benahmed, F. H., Gopinath, G. R., Wang, H., Beaubrun, J. J. G., Grim, C., Cheng, C. M., et al. (2014). Whole-genome sequencing of *Salmonella enterica* subsp. *enterica* serovar Cubana strains isolated from agricultural sources. *Genome Announcements*, 2(1), e01184-13.
7. Blount, B. C., Ozpinar, A., Alwis, K. U., Caudill, S. P., & Gillespie, J. R. (2008). Perchlorate, nitrate, thiocyanate, and iodide levels in chicken feed, water, and eggs from three farms. *Journal of Agricultural and Food Chemistry*, 56(22), 10709-10715. doi:[10.1021/jf8018326](https://doi.org/10.1021/jf8018326) [doi]
8. Bowman, A. S., Krogwold, R. A., Price, T., Davis, M., & Moeller, S. J. (2015). Investigating the introduction of porcine epidemic diarrhea virus into an Ohio swine operation. *BMC Veterinary Research*, 11, 38-015-0348-2. doi:[10.1186/s12917-015-0348-2](https://doi.org/10.1186/s12917-015-0348-2) [doi]
9. Bragg, R. R., Freeman, L. M., Fascetti, A. J., & Yu, Z. (2009). Composition, disintegrative properties, and labeling compliance of commercially available taurine and carnitine dietary

products. *Journal of the American Veterinary Medical Association*, 234(2), 209-213.

doi:10.2460/javma.234.2.209 [doi]

10. Brisdon, S., Galanis, E., Colindres, R., Crowe, L., McIntyre, L., Baer, R., et al. (2006). An international outbreak of human salmonellosis associated with animal-derived pet treats - Canada and Washington State, 2005. *Canada Communicable Disease Report*, 32(13), 150-155.
11. Broome, M. R., Peterson, M. E., Kemppainen, R. J., Parker, V. J., & Richter, K. P. (2015). Exogenous thyrotoxicosis in dogs attributable to consumption of all-meat commercial dog food or treats containing excessive thyroid hormone: 14 cases (2008-2013). *Journal of the American Veterinary Medical Association*, 246(1), 105-111. doi:10.2460/javma.246.1.105 [doi]
12. Bucher, O., Holley, R. A., Ahmed, R., Tabor, H., Nadon, C., Ng, L. K., et al. (2007). Occurrence and characterization of *Salmonella* from chicken nuggets, strips, and pelleted broiler feed. *Journal of Food Protection*, 70(10), 2251-2258.
13. Campbell, H., & Nayeri, G. (2006). Determination of monensin, narasin, and salinomycin in mineral premixes, supplements, and animal feeds by liquid chromatography and post-column derivatization: Collaborative study. *Journal of AOAC International*, 89(5), 1229-1242.
14. Campbell, H. M., & Armstrong, J. F. (2007). Determination of zearalenone in cereal grains, animal feed, and feed ingredients using immunoaffinity column chromatography and liquid chromatography: Interlaboratory study. *Journal of AOAC International*, 90(6), 1610-1622.
15. Castro, S. I. B., Lacasse, P., Fouquet, A., Beraldin, F., Robichaud, A., & Berthiaume, R. (2011). Short communication: Feed iodine concentrations on farms with contrasting levels of iodine in milk. *Journal of Dairy Science*, 94(9), 4684-4689.
doi:<http://dx.doi.org/10.3168/jds.2010-3714>
16. Catangui, M. A., & Berg, R. K. (2006). Western bean cutworm, *Striacosta albicosta* (Smith) (Lepidoptera: Noctuidae), as a potential pest of transgenic Cry1Ab *Bacillus thuringiensis* corn hybrids in South Dakota. *Environmental Entomology*, 35(5), 1439-1452.
doi:[http://dx.doi.org/10.1603/0046-225X\(2006\)35\[1439:WBCSAS\]2.0.CO;2](http://dx.doi.org/10.1603/0046-225X(2006)35[1439:WBCSAS]2.0.CO;2)
17. Cavallo, S. J., Daly, E. R., Seiferth, J., Nadeau, A. M., Mahoney, J., Finnigan, J., et al. (2015). Human outbreak of *Salmonella typhimurium* associated with exposure to locally made chicken

- jerky pet treats, New Hampshire, 2013. *Foodborne Pathogens and Disease*, 12(5), 441-446.
doi:10.1089/fpd.2014.1889 [doi]
18. Centers for Disease Control and Prevention (CDC). (2008). Update: Recall of dry dog and cat food products associated with human *Salmonella* Schwarzengrund infections--United States, 2008. *MMWR. Morbidity and Mortality Weekly Report*, 57(44), 1200-1202. doi:mm5744a2 [pii]
19. Dai, S. Y., Jones, B., Lee, K., Li, W., Post, L., & Herrman, T. J. (2016). Heavy metal contamination of animal feed in Texas. *Journal of Regulatory Science*, 4(1), 21-32.
20. Donkersgoed, J. v., Bohaychuk, V., Besser, T., Song XinMing, Wagner, B., Hancock, D., et al. (2009). Occurrence of foodborne bacteria in Alberta feedlots. *Canadian Veterinary Journal*, 50(2), 166-172.
21. Edinboro, C. H., Pearce, E. N., Pino, S., & Braverman, L. E. (2013). Iodine concentration in commercial cat foods from three regions of the USA, 2008-2009. *Journal of Feline Medicine and Surgery*, 15(8), 717-724. doi:10.1177/1098612X13477855 [doi]
22. Farias, L. F., Oliveira, C. J., Medardus, J. J., Molla, B. Z., Wolfe, B. A., & Gebreyes, W. A. (2015). Phenotypic and genotypic characterization of *Salmonella enterica* in captive wildlife and exotic animal species in Ohio, USA. *Zoonoses and Public Health*, 62(6), 438-444. doi:10.1111/zph.12170 [doi]
23. Finley, R., Reid-Smith, R., Ribble, C., Popa, M., Vandermeer, M., & Aramini, J. (2008). The occurrence and antimicrobial susceptibility of *Salmonellae* isolated from commercially available canine raw food diets in three Canadian cities. *Zoonoses and Public Health*, 55(8-10), 462-469. doi:10.1111/j.1863-2378.2008.01147.x [doi]
24. Freeman, L. M., Janecko, N., & Weese, J. S. (2013). Nutritional and microbial analysis of bully sticks and survey of opinions about pet treats. *The Canadian Veterinary Journal. La Revue Veterinaire Canadienne*, 54(1), 50-54.
25. Ge, B., LaFon, P. C., Carter, P. J., McDermott, S. D., Abbott, J., Glenn, A., et al. (2013). Retrospective analysis of *Salmonella*, *Campylobacter*, *Escherichia coli*, and *Enterococcus* in animal feed ingredients. *Foodborne Pathogens and Disease*, 10(8), 684-691. doi:10.1089/fpd.2012.1470 [doi]

26. Hejazi, R., & Danyluk, A. J. (2009). Epidemiological investigation of femoral fractures in market pigs and the associated economic implications. *The Canadian Veterinary Journal. La Revue Veterinaire Canadienne*, 50(5), 516-518.
27. Hough, S. D., Jennings, S. H., & Almond, G. W. (2015). Thiamine-responsive neurological disorder of swine. *Journal of Swine Health and Production*, 23(3), 143-151.
28. Hsieh YiCheng, Poole, T. L., Runyon, M., Hume, M., & Herrman, T. J. (2016). Prevalence of nontyphoidal *Salmonella* and *Salmonella* strains with conjugative antimicrobial-resistant serovars contaminating animal feed in Texas. *Journal of Food Protection*, 79(2), 194-204. doi:<http://dx.doi.org/10.4315/0362-028X.JFP-15-163>
29. Jensen, J. A., Brice, A. K., Bagel, J. H., Mexas, A. M., Yoon, S. Y., & Wolfe, J. H. (2013). Hypervitaminosis D in guinea pigs with alpha-mannosidosis. *Comparative Medicine*, 63(2), 156-162.
30. Kelly, B. C., Ikonomou, M. G., Higgs, D. A., Oakes, J., & Dubetz, C. (2008). Mercury and other trace elements in farmed and wild salmon from British Columbia, Canada. *Environmental Toxicology and Chemistry*, 27(6), 1361-1370. 40 ref. doi:<http://dx.doi.org/10.1897/07-527.1>
31. Kerr, K. R., Kappen, K. L., Garner, L. M., Utterback, P. L., Parsons, C. M., & Swanson, K. S. (2014). Commercially available avian and mammalian whole prey diet items targeted for consumption by managed exotic and domestic pet felines: True metabolizable energy and amino acid digestibility using the precision-fed cecectomized rooster assay. *Journal of Animal Science*, 92(10), 4478-4485. doi:10.2527/jas.2013-7246 [doi]
32. Kinley, B., Rieck, J., Dawson, P., & Jiang, X. (2010). Analysis of *Salmonella* and enterococci isolated from rendered animal products. *Canadian Journal of Microbiology*, 56(1), 65-73. doi:[10.1139/w09-108](https://doi.org/10.1139/w09-108) [doi]
33. Kochhar, H. S. (2014). Canada: Porcine epidemic diarrhea in Canada: An emerging disease case study. *The Canadian Veterinary Journal. La Revue Veterinaire Canadienne*, 55(11), 1048-1049.
34. Krout-Greenberg, N. D., Puschner, B., Davidson, M. G., & Depeters, E. J. (2013). Preliminary study to assess mycotoxin concentrations in whole corn in the California feed supply. *Journal of Dairy Science*, 96(4), 2705-2712. doi:[10.3168/jds.2012-5957](https://doi.org/10.3168/jds.2012-5957) [doi]

35. Lenz, J., Joffe, D., Kauffman, M., Zhang, Y., & LeJeune, J. (2009). Perceptions, practices, and consequences associated with foodborne pathogens and the feeding of raw meat to dogs. *The Canadian Veterinary Journal. La Revue Veterinaire Canadienne*, 50(6), 637-643.
36. Leuschen, B., Ensley, S., & Plummer, P. (2014). Ergot toxicosis causing death in weaned beef calves. *Bovine Practitioner*, 48(2), 134-138.
37. Li, X., Bethune, L. A., Jia, Y., Lovell, R. A., Proescholdt, T. A., Benz, S. A., et al. (2012). Surveillance of *Salmonella* prevalence in animal feeds and characterization of the *Salmonella* isolates by serotyping and antimicrobial susceptibility. *Foodborne Pathogens and Disease*, 9(8), 692-698. doi: 10.1089/fpd.2011.1083 [doi]
38. Liquid Feed Symposium. Analyzing today's marketplace and tomorrow's opportunities, Austin, Texas, USA, 10-12 September 2008. (2008). Paper presented at the *Liquid Feed Symposium. Analyzing Today's Marketplace and Tomorrow's Opportunities*, Austin, Texas, USA.
39. Lohne, J. J., Turnipseed, S. B., Andersen, W. C., Storey, J., & Madson, M. R. (2015). Application of single-stage orbitrap mass spectrometry and differential analysis software to nontargeted analysis of contaminants in dog food: Detection, identification, and quantification of glycoalkaloids. *Journal of Agricultural and Food Chemistry*, 63(19), 4790-4798. doi: 10.1021/acs.jafc.5b00959 [doi]
40. Lorber, M., Winters, D., Ferrario, J., Byrne, C., & Greene, C. (2007). Survey of dioxin-like compounds in dairy feeds in the United States. *Journal of Agricultural and Food Chemistry*, 55(2), 386-395. 19 ref. doi: <http://dx.doi.org/10.1021/jf062731+>
41. Lordelo, M. M., Shaaban, S. A., Dale, N. M., Calhoun, M. C., Vendrel, P. F. & Davis, A. J. (2008). Near infrared reflectance spectroscopy for the determination of free gossypol in cottonseed meal. *Journal of Applied Poultry Research*, 17(2), 243-248. doi: <http://dx.doi.org/10.3382/japr.2007-00078>
42. Malinak, C. M., Hofacre, C. C., Collett, S. R., Shivaprasad, H. L., Williams, S. M., Sellers, H. S., et al. (2014). Tribasic copper chloride toxicosis in commercial broiler chicks. *Avian Diseases*, 58(4), 642-649. doi: 10.1637/10864-051514-Case.1 [doi]
43. Markovich, J. E., Freeman, L. M., & Heinze, C. R. (2014). Analysis of thiamine concentrations in commercial canned foods formulated for cats. *Journal of the American Veterinary Medical Association*, 244(2), 175-179. doi: 10.2460/javma.244.2.175 [doi]

44. Martos, P. A., Thompson, W., & Diaz, G. J. (2010). Multiresidue mycotoxin analysis in wheat, barley, oats, rye and maize grain by high-performance liquid chromatography-tandem mass spectrometry. *World Mycotoxin Journal*, 3(3), 205-223.
45. Maule, A. G., Gannam, A. L., & Davis, J. W. (2007). Chemical contaminants in fish feeds used in federal salmonid hatcheries in the USA. *Chemosphere*, 67(7), 1308-1315.
doi:<http://dx.doi.org/10.1016/j.chemosphere.2006.11.029>
46. McKee, M. J., Kromrey, G. B., May, T. W., & Orazio, C. E. (2008). Contaminant levels in rainbow trout, *Oncorhynchus mykiss*, and their diets from Missouri coldwater hatcheries. *Bulletin of Environmental Contamination and Toxicology*, 80(5), 450-454.
doi:[10.1007/s00128-008-9374-0](https://doi.org/10.1007/s00128-008-9374-0) [doi]
47. Medardus, J. J., Molla, B.Z., Nicol, M., Morrow, W. M., RajalaSchultz, P. J., Kazwala, R., & Gebreyes, W. A. In-feed use of heavy metal micronutrients in U.S. swine production systems and its role in persistence of multidrug-resistant *Salmonellae*. *Applied and Environmental Microbiology*, 80(7), 2317-2325.
48. Melamine adulterates component of pellet feeds. (2007). *Journal of the American Veterinary Medical Association*, 231(1), 17.
49. Misener, M. (2015). PED - a Canadian update. Paper presented at the *Proceedings of the 15th London Swine Conference: Production Technologies to Meet Market Demands*, London, Ontario, Canada.
50. Morley, P. S., Strohmeyer, R. A., Tankson, J. D., Hyatt, D. R., Dargatz, D. A., & Fedorka-Cray, P. J. (2006). Evaluation of the association between feeding raw meat and *Salmonella enterica* infections at a greyhound breeding facility. *Journal of the American Veterinary Medical Association*, 228(10), 1524-1532. doi:[10.2460/javma.228.10.1524](https://doi.org/10.2460/javma.228.10.1524) [doi]
51. Myint, M. S., Johnson, Y. J., Paige, J. C., & Bautista, D. A. (2007). A cross-sectional study of bacterial contamination in plant-protein feed from feed stores in northern Virginia and Maryland. (Special issue: Advances in feed safety.). *Animal Feed Science and Technology*, 133(1/2), 137-148. doi:<http://dx.doi.org/10.1016/j.anifeedsci.2006.08.007>
52. Nachman, K. E., Raber, G., Francesconi, K. A., Navas-Acien, A., & Love, D. C. (2012). Arsenic species in poultry feather meal. *The Science of the Total Environment*, 417-418, 183-188.
doi:[10.1016/j.scitotenv.2011.12.022](https://doi.org/10.1016/j.scitotenv.2011.12.022) [doi]

53. Narayanappa, A. T., Sooryanarain, H., Deventhiran, J., Cao, D. J., Venkatachalam, B. A., Kambiranda, D., et al. (2015). A novel pathogenic mammalian orthoreovirus from diarrheic pigs and swine blood meal in the United States. *Mbio*, 6(3), e00593-15.
54. Nemser, S. M., Doran, T., Grabenstein, M., McConnell, T., McGrath, T., Pamboukian, R., et al. (2014). Investigation of *Listeria*, *Salmonella*, and toxigenic *Escherichia coli* in various pet foods. *Foodborne Pathogens and Disease*, 11(9), 706-709. doi:10.1089/fpd.2014.1748 [doi]
55. Rodrigues, I., & Naehrer, K. (2012). A three-year survey on the worldwide occurrence of mycotoxins in feedstuffs and feed. *Toxins*, 4(9), 663-675.
56. Rumbeiha, W., & Morrison, J. (2011). A review of class I and class II pet food recalls involving chemical contaminants from 1996 to 2008. *Journal of Medical Toxicology: Official Journal of the American College of Medical Toxicology*, 7(1), 60-66. doi:10.1007/s13181-010-0123-5 [doi]
57. Sanchez, C. A., Blount, B. C., Valentin-Blasini, L., Lesch, S. M., & Krieger, R. I. (2008). Perchlorate in the feed-dairy continuum of the southwestern United States. *Journal of Agricultural and Food Chemistry*, 56(13), 5443-5450. doi:10.1021/jf0733923 [doi]
58. Schaafsma, A. W., LimayRios, V., & TamburicIllincic, L. (2008). Mycotoxins and *Fusarium* species associated with maize ear rot in Ontario, Canada. *Cereal Research Communications*, 36(Suppl. 6), 525-527.
59. Shappell, N. W., Mostrom, M. S., & Lenneman, E. M. (2012). E-screen evaluation of sugar beet feedstuffs in a case of reduced embryo transfer efficiencies in cattle: The role of phytoestrogens and zearalenone. *In Vitro Cellular & Developmental Biology. Animal*, 48(4), 216-228. doi:10.1007/s11626-012-9489-9 [doi]
60. Sheridan, R. S., & Kemnah, J. L. (2010). Glycoalkaloid content in pet food by UPLC-tandem mass spectrometry. *Journal of Chromatographic Science*, 48(10), 790-794.
61. Singleton, C., Wack, R., & Larsen, R. S. (2012). Bacteriologic and nutritional evaluation of a commercial raw meat diet as part of a raw meat safety program. *Zoo Biology*, 31(5), 574-585. doi:10.1002/zoo.20423 [doi]
62. Strohmeyer, R. A., Morley, P. S., Hyatt, D. R., Dargatz, D. A., Scorza, A. V., & Lappin, M. R. (2006). Evaluation of bacterial and protozoal contamination of commercially available raw

- meat diets for dogs. *Journal of the American Veterinary Medical Association*, 228(4), 537-542.
doi:<http://dx.doi.org/10.2460/javma.228.4.537>
63. Teller, R. S., Schmidt, R. J., Whitlow, L. W., & Kung, L., Jr. (2012). Effect of physical damage to ears of corn before harvest and treatment with various additives on the concentration of mycotoxins, silage fermentation, and aerobic stability of corn silage. *Journal of Dairy Science*, 95(3), 1428-1436. doi:10.3168/jds.2011-4610 [doi]
64. Watkins, K. L. & Veum, T. L. (2010) Effect of dry- versus wet-autoclaving of spray-dried egg albumen compared with casein as protein sources on apparent nitrogen and energy balance, plasma urea nitrogen and glucose concentrations, and growth performance of neonatal swine. *Journal of Animal Science*, 88(8), 2665-2673. doi:10.2527/jas.2010-2811 [doi]
65. Whitaker, T. B., Slate, A. B., Nowicki, T. W., & Giesbrecht, F. G. (2015). Variability and distribution among sample test results when sampling unprocessed oat lots for ochratoxin A. *World Mycotoxin Journal*, 8(4), 511-524. 16 ref. doi:<http://dx.doi.org/10.3920/WMJ2014.1858>
66. Zavala, G., Anderson, D. A., Davis, J. F., & Dufour-Zavala, L. (2011). Acute monensin toxicosis in broiler breeder chickens. *Avian Diseases*, 55(3), 516-521. doi:10.1637/9708-030911-Case.1 [doi]
67. Zhang, Y., & Caupert, J. (2012). Survey of mycotoxins in U.S. distiller's dried grains with solubles from 2009 to 2011. *Journal of Agricultural and Food Chemistry*, 60(2), 539-543. doi:10.1021/jf203429f [doi]
68. Zhang, Y., Caupert, J., Imerman, P. M., Richard, J. L., & Shurson, G. C. (2009). The occurrence and concentration of mycotoxins in U.S. distillers dried grains with solubles. *Journal of Agricultural and Food Chemistry*, 57(20), 9828-9837. doi:10.1021/jf901186r [doi]