**Professor Dr. Amnart Poapolathep**
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Department of Pharmacology,
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**Position :**

- Full Professor, Department of Veterinary Pharmacology, Faculty of Veterinary Medicine, Kasetsart University, Bangkok, Thailand
- President, Thai Society of Mycotoxicology (TSM), Thailand
- Vice President, International Society of Mycotoxicology (ISM)

**Educational Background :**

1995 : Doctor of Veterinary Medicine (D.V.M.), Kasetsart University
2003 : Ph.D. Veterinary Medical Science (Veterinary Toxicology and Pharmacology), The University of Tokyo, Japan
2008 : Postdoctoral Fellow (Mycotoxins and drug residues), The University of Tokyo, Japan
2001 : Doctor of Veterinary Medicine (D.V.M.), Kasetsart University
2010 : Ph.D. (Veterinary Pharmacology and Toxicology), University of Tokyo, Japan

**Research Interests :**

- Toxicokinetics, residues and mechanisms of mycotoxins in food chains
- Pharmacokinetics and residues of veterinary drugs and chemicals in food-producing animals and aquaculture
- Molecular biotechnology in mycotoxicology and Toxicology

**Academic Position :**

1996-1999 : Lecturer, Faculty of Veterinary Medicine, Kasetsart University
1999-2006 : Assistant Professor, Faculty of Veterinary Medicine, Kasetsart University
2006-2021 : Associate Professor, Faculty of Veterinary Medicine, Kasetsart University
2021-present: Full Professor, Department of Pharmacology, Faculty of Veterinary Medicine, Kasetsart University

**Administrative position :**

2005 – 2006 : Head Deputy, Department of Pharmacology, Faculty of Veterinary Medicine, Kasetsart University
2008 – 2011 : Head, Department of Pharmacology, Faculty of veterinary Medicine, Kasetsart University
2011 – 2013 : Vice Dean for Administration, Faculty of Veterinary Medicine,

Kasetsart University
2023-present: Head, Department of Agro-Medicine and Innovation, Faculty of Medicine, Kasetsart University
2016 – 2024 : Founder & President, Thai Society of Mycotoxicology, Thailand
2019-present: Supervisor, M.S. and Ph.D. Programme for Veterinary Pharmacology and Toxicology, Faculty of Veterinary Medicine, Kasetsart University
2024-2025: Honorary President, Thai Society of Mycotoxicology, Thailand
2025-present: President, Thai Society of Mycotoxicology, Thailand

**International Publications :**

1. **Poapolathep, A.**, Klangkaew, N. and Phaochoosak, N. 2000. A study of the pharmacokinetic behaviors and withdrawal times of sulfamonomethoxine, sulfadiazine and sulfamethazine in healthy ducks. *J. ISSAS.* 6:15-22.
2. **Poapolathep, A.**, Suzuki, K., Katayama K., Ohtsuka, R., Nagata, T., Uetsuka K., Nakayama, H. and Doi. K. 2001. Development of apoptosis and changes in apoptosis-related genes expression in the thymus of nivalenol-treated mice. *Journal of Toxicologic Pathology.* 14:299-304.
3. Maruyama, S., Sakai, T., Morita, Y., Tanaka, S., Kabeya, h., **Poapolathep, A.**, Chalarmchaikit, T., Chang, C., Kasten, R., Chomel, B. and Katsube, Y. 2001. Prevalence of Bartonella species and 16S rRNA gene types of Bartonella henselae from domestic cats in Thailand. *American Journal of Tropical Medicine and Hygiene.* 65:783-787.
4. **Poapolathep, A.**, Limpoka, M., Klangkaew, N., Tansakul N., Phaochoosak, N. and Passadurak, W. 2002. Pharmacokinetics and withdrawal times of penicillin-G in ducks by Microbiological assay. *J. ISSAS.* 7: 9-16.
5. **Poapolathep, A.**, Ohtsuka, R., Kiatipattanssakul, W., Ishigami, N., Nakayama, H. and Doi, K. 2002. Nivalenol-induced apoptosis in thymus, spleen and Peyer's patches of mice. *Experimental and Toxicologic Pathology.*53:441-446.
6. **Poapolathep, A.**, Sugita-Konishi, Y., Doi, K. and Kumagai, S. 2003. The fates of trichothecene mycotoxins, nivalenol and fusarenon-X, in mice. *Toxicon*. 41:1047-1054.
7. **Poapolathep, A.**, Nagata, T., Suzuki, h., Kumagai, S. and Doi, K. 2003. Development of early apoptosis and changes in lymphocyte subsets in lymphoid organs of mice orally inoculated with nivalenol. *Experimental and Molecular Pathology.* 75:74-79.
8. **Poapolathep, A.**, Nagata, T. Sugita-Konishi, Y., Doi, K. and Kumagai, S. 2003. Changes in lymphocyte subsets and apoptosis in lymphoid tissues of nivalenol-treated mice. *Tox. Sci.* 72(S-1), p 359.
9. Limpoka, M., Sangrungrueng, K., **Poapolathep, A.**, Chai-Anan, P., Klangkaew, N. and Paochoosak, N. 2003. Disposition and residues of flumequine in black tiger shrimp (Penaeus monodon). *Journal of Veterinary Pharmacology and Therapeutics* (Suppl. 1) p218.
10. **Poapolathep, A.**, Kumagai, S. and Doi, K. 2003. Nivalenol-induced changes in apoptosis-related genes expression and lymphocyte subsets in lymphoid tissues and mouse thymocyte primary cultures. Proceeding of the International Symposium of Mycotoxicology in Kagawa, 2003 (ISMYCO Kagawa'03), November 3-5, 2003. *pp 263-275.*

11. **Poapolathep, A.**, Suzuki, H., Kumagai, S. and Doi, K. 2004. Development of early apoptosis and changes in lymphocyte subsets in mouse thymocyte primary cultures treated with nivalenol. *Experimental and Molecular Pathology.* 77: 149-152.
12. **Poapolathep, A.**, Sugita-Konishi, Y., Doi, K. and Kumagai, S. 2004. Placental and milk transmission of 3H-nivalenol and –fusarenonX in mice. *Toxicon.* 44: 111-113.
13. **Poapolathep, A.**, Singhasem, S., Noonpugdee, Ch., Sugita-Konishi, Y., Doi, K. and Kumagai, S. 2004. The fate and transmission of fusarenon-X (FX), a trichothecene mycotoxin, in mice. *Toxicol. App. Pharmacol.* 197(3): 367.
14. Phuwapraisirisan, P., **Poapolathep, A.**, Poapolathep, S. and Tip-pyang, S. 2006. *In vivo* oxytocin antagonistic effects of pyrrolizidine alkaloids from Stemona sp. and *Asparagus racemosus*. *ACGC Chem. Res. Comm.* 20: 17-19.
15. **Poapolathep, A.**, poapolathep, S., Imsilp, K., Wannapat, N., klangkaew, N., Kusutjarit, N. and Kumagai, S. 2008. Distribution and residue depletion of oxytetracycline in giant freshwater prawn (*Macrobrachium rosenbergii*). *Journal of Food Protection.* 71(4): 870-873.
16. **Poapolathep, A.**, Poapolathep, S., Sugita-Konishi, Y., Imsilp, K., Tassanawat, T., Sintusing, C. and Kumagai, S. 2008. Fate of fusarenon-X in broilers and ducks. *Poultry Science.* 87(8): 1510-1515.
17. **Poapolathep, A.**, Poapolathep, S., Klangkaew, N., Sugita-Konishi, Y. and Kumagai, S. 2008. Detection of deoxynivalenol contamination in wheat products in Thailand. *Journal of Food Protection.* 71(9): 19311933.
18. **Poapolathep, A.**, Poapolathep, S., Jermnak, U., Imsilp, K., Wannapat, N., Sugita-Konishi, Y. and Kumagai, S. 2008. Muscle tissue kinetics of oxytetracycline following intramuscular and oral administration at two dosages to giant freshwater prawn (Macrobrachium rosenbergii). *Journal of Veterinary Pharmacology and Therapeutics*31(6): 517-522.
19. Sugita-Konishi, Y., Kubosaki, A., Sugiyama, K., **Poapolathep, A.** and Kumagai, S. 2008. Effects of T2 toxin on hepatic drug metabolizing enzymes and the binding activity of aflatoxin B1 to DNA in rats. *Tox. Sci.* 102(S-1), p 100.
20. **Poapolathep, A.**, Poapolathep, S., Imsilp, K., Tassanawat, T., Sinthusing, C. and Klangkaew, N. 2008. Fate and dispositions of oxytetracycline in Thai native chickens following intravenous and intramuscular injection. Proceeding of the 15th Congress of the Federation of Asian Veterinary Associations, Bangkok, Thailand. pp 53-54.
21. Klangkaew, N., **Poapolathep, A.**, Imsilp, K., Wannapat, N. and Pattanatanang, K. 2008. Study on pharmacokinetics of oxytetracycline in hemolymph of giant freshwater prawns (*Macrobrachium rosenbergii*) using a Microbiological Assay. Proceeding of the 15th Congress of the Federation of Asian Veterinary Associations, Bangkok, Thailand. pp 59-60.
22. **Poapolathep, A.**, Poapolathep, S., Jermnak, U., Chareonsan, A. and Sukasem, T. 2008. Absorption and dispositions of enrofloxacin in hemolymph of giant freshwater prawns (*Macrobrachium rosenbergii*). Proceeding of the 15th Congress of the Federation of Asian Veterinary Associations, Bangkok, Thailand. pp 61-62.
23. **Poapolathep, A.**, Jermnak, U., Chareonsan, A., Sakulthaew, C., Klangkaew, N., Sukasem, T. and Kumagai, S. 2009. Dispositions and residue depletion of enrofloxacin and its metabolite ciprofloxacin in muscle tissue of giant freshwater prawn. *Journal of Veterinary Pharmacology and Therapeutics.* 32(3): 229-234.
24. **Poapolathep, A.**, Poapolathep, S., Machii, K., Nakayama, H. and Kumagai, S. 2009.The effects of curcumin as a chemoprotective agent against aflatoxin B1 induced toxicity in rats. *Toxicology Letters*. 189S: 134-135.

25. Jermnak U, Chinaphuti A, **Poapolathep A**, Kawai R, Nagasawa H, Sakuda S. 2013. Prevention of aflatoxin contamination by a soil bacterium of Stenotrophomonas sp. that produces aflatoxin production inhibitors. *Microbiology*. 159(Pt 5):902-12
26. Saengtienchai, T., Poapolathep, S., Isariyodom, S., Ikenaka, Y., Ishizuka, M., **Poapolathep, A.** 2014. Toxicokinetics and tissue depletion of Fusarenon-X and its metabolite nivalenol in piglets. *Food and Chemical Toxicology*, 66: 307-312.
27. Poapolathep, S., Klangkaew, N., Arreesrisom, P., Isariyodom, S., Sugita-Konishi, Y., Kumagai, S., **Poapolathep, A.** 2014. Toxicokinetics and absolute oral bioavailability of melamine in broiler chickens. *Journal of Veterinary Pharmacology and Therapeutics*. 38: 101-104.
28. Hantrakul, S., Klangkaew, N., Kunakornsawat, S., Tansatit, T., **Poapolathep, A.,** Kumagai, S., Poapolathep, S. 2014**.** Clinical Pharmacokinetics and effects of vincristine sulfate in dogs with Transmissible Venereal Tumor (TVT). *Journal of Veterinary Medical Science*76: 1549-1553.
29. Saengtienchai A, Ikenaka Y, Nakayama SM, Mizukawa H, Kakehi M, Bortey-Sam N, Darwish WS, Tsubota T, Terasaki M, **Poapolathep A**, Ishizuka M. 2014. Identification of interspecific differences in phase II reactions: determination of metabolites in the urine of 16 mammalian species exposed to environmental pyrene. *Environmental Toxicology and Chemistry.* 33(9): 2062-9.
30. Mongkon W, **Poapolathep A**, Kumagai S, Suriyasathaporn W. 2014. Use of blue-greenish yellow fluorescence test on feeds and its association with aflatoxin M1 contamination in bulk tank milk. *Journal of Food Protection.*77(2): 284-91.
31. Poapolathep S, Klangkaew N, Arreesrisom P, Isariyodom S, Sugita-Konishi Y, Kumagai S, **Poapolathep A**. 2015. Toxicokinetics and absolute oral bioavailability of melamine in broiler chickens. *Journal of Veterinary Pharmacology and Therapeutics.* 38(1): 101-4.
32. Aupanun, S., Poapolathep, S., Imsilp, K., Prapong, T., **Poapolathep, A.** 2015. Oral exposure of fusarenon-X induced apoptosis in Peyer's patches, thymus, and spleen of mice. *Research in Veterinary Science.* 102(10): 217-222.
33. Buranatragool K, Poapolathep S, Isariyodom S, Imsilp K, Klangkaew N, **Poapolathep A.** 2015. Disposition and tissue residue of zearalenone and its metabolites a-zearalenol and b-zearalenol in broilers. *Toxicology Report*. 2: 351-356.
34. Giorgi M, Laus F, de Vito V, Owen H, **Poapolathep A**, Paggi E, Vullo C. 2015. Flupirtine: Preliminary pharmacokinetics in the donkey. *Journal of Equine Veterinary Science.* 35(4): 309-314.
35. Giorgi M, Laus F, de Vito V, Owen H, **Poapolathep A,** Vullo C. 2015. Flupirtine: intravenous and oral administration pharmacokinetics in the donkey. *Journal of Veterinary Pharmacology and Therapeutics*. 38 (Suppl. 1): 94-95.
36. Giorgi M, de Vito V, **Poapolathep A,** Rychshanova R, Sgorbini M, Owen H. 2015. Flupirtine: pharmacokinetics and disposition in the horse. *Journal of Veterinary Pharmacology and Therapeutics.* 38 (Suppl. 1): 7-8.
37. **Poapolathep A**, Buranatragool S, Pralatnet S, Poapolathep S, Isariyodom S, Jermnak U, Imsilk K, Tanhan P, Klangkaew N. 2015. Fate and tissue disposition of deoxynivalenol and zearalenone in broilers. *Journal of Veterinary Pharmacology and Therapeutics*. 38 (Suppl. 1): 38-39.
38. Aupanun, S., Poapolathep, S., Imsilp, K., Prapong, T. & **Poapolathep, A.** 2015. Oral exposure of fusarenon-X induced apoptosis in Peyer's patches, thymus, and spleen of mice. *Research in Veterinary Science.* 102(10): 217-222.

39. Buranatragool, K., **Poapolathep, A.**, Isariyodom, S., Imsilp, K., Klangkaew, N. & **Poapolathep, A.**2015.Disposition and tissue residue of zearalenone and its metabolites α-zearalenol and βzearalenol in broilers. *Toxicology Report.* 2: 351-356.
40. Giorgi, M., Laus, F., de Vito, V., Owen, H., **Poapolathep, A.,** Paggi, E. & Vullo, C. 2015. Flupirtine: Preliminary pharmacokinetics in the donkey. *Journal of Equine Veterinary Science.* 35(4): 309-314.
41. Poapolathep, S., Imsilp, K., Machii, K., Kumagai, S. & **Poapolathep, A.** 2015. The effects of curcuminon aflatoxin B1-induced toxicity in rats. *Biocontrol Science.* 20: 171-177.
42. Poapolathep, S., Klangkaew, N., Arreesrisom, P., Isariyodom, S., Sugita-konishi, Y., Kumagai, S. & **Poapolathep, A.** 2015. Toxicokinetics and absolute oral bioavailability of melamine in broiler chickens. *Journal of Veterinary Pharmacology and Therapeutics*. 38 (1): 101-104.
43. Pralatnet, S., Poapolathep, S., Imsilp, K., Tanhan, P., Isariyodom, S., Kumagai, S. & **Poapolathep A.** 2015. The fate and tissue disposition of deoxynivalenol in broiler chickens. *Journal of Veterinary Medical Science*. 77(9): 1151-1155.
44. Aupanun, S., Phuektes, P., Poapolathep, S., Sutjarit, S., Giorgi, M. & **Poapolathep, A.** 2016. Apoptosis and gene expression in Jurkat human T cells and lymphoid tissues of fusarenon-X-treated mice. *Toxicon.* 123: 15-24.
45. Kongkapan, J., Poapolathep, S., Isariyodom, S., Kumagai, S. & **Poapolathep, A.** 2016. Simultaneous detection of multiple mycotoxins in broiler feeds using **a** liquid chromatography tandem-mass spectrometry. *Journal of Veterinary Medical Science.*78: 259-264.
46. Kongkapan, J., **Poapolathep, A.,** Owen, H. & Giorgi.M. 2016. A brief overview of our current understanding of nivalenol: A growing potential danger yet to be fully investigated. *Israel Journal of Veterinary Medicine.* 71: 3-9.
47. Kongkapan, J., Giorgi, M., Poapolathep, S., Isariyodom, S. & **Poapolathep, A.** 2016. Toxicokinetics and tissue distribution of nivalenol in broiler chickens. *Toxicon.* 111:31-36.
48. Pralatnet, S., Poapolathep, S., Giorgi, M., Imsilp, K., Kumagai, S. & **Poapolathep A.** 2016. Survey of Deoxynivalenol and Aflatoxin B1 in Instant Noodles and Bread Consumed in Thailand by Using Liquid Chromatography-Tandem Mass Spectrometry. *Journal of Food Protection.* 79: 1269-1272.
49. Ruennarong, N., Wongpanit, K., Sakulthaew, C., Giorgi, M., Kumagai, S., **Poapolathep, A.** & Poapolathep, S. 2016. Dispositions of enrofloxacin and its major metabolite ciprofloxacin in Thai swamp buffaloes. *Journal of Veterinary Medical Science.* 78: 397-403.
50. Sinphithakkul, P., Klangkaew, N., Sanyathitiseree, P., Giorgi, M., Kumagai, S., **Poapolathep, A.** & Poapolathep, S. 2016. Pharmacokinetics of amoxicillin trihydrate in male Asian elephants (*Elephas maximus*) following intramuscular administration. *Journal of Veterinary Pharmacology and Therapeutics.* 39: 287-291.
51. Suknikom, P., Jermnak, U., Poapolathep, S., Isariyodom, S., Giorgi, M., Kumagai, S. & **Poapolathep, A.** 2016. Dispositions and tissue depletion of melamine in ducks. *Journal of Veterinary Pharmacology and Therapeutics.*39: 90-94.
52. Sutjarit, S. & **Poapolathep, A.** 2016. Fusarenon-X-induced apoptosis in the liver, kidney, and spleen of mice. *Journal of Toxicologic Pathology.* 29: 207-211.

53. De Vito, V., Saba, A., Lee, H.K., **Poapolathep, A.** & Giorgi, M. 2016. Detection and quantification of the selective EP4 receptor antagonist CJ ( grapiprant) in canine plasma by HPLC with spectrofluorimetric detection. *Journal of Pharmaceutical and Biomedical Analysis.* 118: 251-258
54. Giorgi, M., De Vito, V., **Poapolathep, A.,** Rychshanova, R., Sgorbini, M. & Owen, H. 2016. Pharmacokinetics and disposition of flupirtine in the horse. *Veterinary Journal.* 208: 76-80.
55. Ketyam, B., Imsilp, K., **Poapolathep, A.,** Poapolathep, S., Jermnak, U., Phaochoosak, N. & Tanhan, P. 2016. Health risk associated with the consumption of duck egg containing endosulfan residues. *Environment Monitoring and Assessment.* 188: 270-276.
56. Aupanun, S., Laus, F., **Poapolathep, A.,** Owen, H., Vullo, C., Faillace, V. & Giorgi, M. 2016.Pharmacokinetic assessment of the marker active metabolites 4-methyl-amino-antipyrine and 4-acetylamino-antipyrine after intravenous and intramuscular injection of metamizole (Dipyrone) in healthy donkeys. *Journal of Equine Veterinary Science*. 47: 55-61.
57. Khidkhan, K., Imsilp, K., **Poapolathep, A.,** Poapolathep, S. & Tanhan, P. 2017. Potential human health risk from consumption of metallic elements-contaminated benthic mollusks from Don Hoi Lot sandbar, Thailand. *Science of the Total Environment.* 584-585: 1239-1247.
58. Ruennarong, N., Wongpanit, K., Sakulthaew, C., Giorgi, M., Klangkaew, N., **Poapolathep, A.** & Poapolathep, S. 2017. Pharmacokinetics of amoxicillin trihydrate in Thai swamp buffaloes (*Bubalus bubalis*): a pilot study. *Journal of Veterinary Pharmacology and Therapeutics.* 40: 200-202.
59. Poapolathep, S., Wongpanit, K., Imsilp, K., Tanhan, P., Klangkaew, N., Giorgi, M. & **Poapolathep, A.**2017.Disposition of a long-acting oxytetracycline formulation in Thai swamp buffaloes (*Bubalus bubalis*). *Journal of Veterinary Pharmacology and Therapeutics*. 40: 206-209.
60. Giorgi, M., Aupanun, S., Lee, H-K., **Poapolathep, A.**, Rychshanova, R., Vullo, C., Faillace, V. & Laus, F. 2017. Pharmacokinetic profiles of the active metamizole metabolites in healthy horses. *Journal of Veterinary Pharmacology and Therapeutics.* 40: 165-171.
61. Aupanun, S., Poapolathep, S., Giorgi, M., Imsilp, K. & **Poapolathep, A.** 2017. An overview of the toxicology and toxicokinetics of fusarenon-X, a type B trichothecene mycotoxin. *Journal of Veterinary Medical Science.* 79: 6-13.
62. Poapolathep, S., Giorgi, M., Hantrakul, S., Klangkaew, N., Sanyathitiseree, P. & **Poapolathep, A.** Pharmacokinetics of marbofloxacin in freshwater crocodiles (*Crocodylus siamensis*) after intravenous and intramuscular administration.*Journal of Veterinary Pharmacology and Therapeutics.* 40: 57-61.
63. De Vito, V., Salvadori, M., **Poapolathep, A.**, Owen, H., Rychshanova, R., & Giorgi, M. 2017. Pharmacokinetic/pharmacodynamic evaluation of grapiprant in a carrageenan-induced inflammatory pain model in the rabbit. *Journal of Veterinary Pharmacology and Therapeutics.* 40: 468-475.
64. **Poapolathep, A,** Giorgi, M., Toutain, P.L., Poapolathep, S., Imsilp, K., Sakulthaew, Wannapat, N. & Klangkaew, N. 2017. Sulfadimethoxine in giant freshwater prawns (*Macrobrachium rosenbergii*): an attempt to estimate the withdrawal time by a population pharmacokinetic approach. *Journal of Veterinary Pharmacology and Therapeutics.* 40: 476-485.

65. Poapolathep, S., Tanhan, P., Piasai, O., Imsilp, K., Hajslova, J., Giorgi, M., Kumagai, S. & **Poapolathep, A.**2017. Occurrence and health risk of patulin and pyrethroids in fruit juices consumed in Bangkok, Thailand. *Journal of Food Protection.* 80: 1415-1421.
66. Virginia, D.V., Owen, H., **Poapolathep, A.** & Giorgi, M. 2017. Natural substances as new potential strategies for the treatment of Leishmaniosisin Dogs. *American Journal of Animal and Veterinary Sciences.* 12: 169-175.
67. Puangkham, S.*,* **Poapolathep, A.**, Jermkak, U., Imsilp, K., Tanhan, P., Chokejaroenrat, C. & **Poapolathep, A.**2017. Monitoring and health risk of mycotoxins in imported wines and beers consumed in Thailand. *World Mycotoxin Journal.* 10: 401-409.
68. Sakulthaew, C., Chokejaroenrat, C., **Poapolathep, A.**, Satapanajaru, T. & Poapolathep, S. 2017. Hexavalent chromium adsorption from aqueous solution using carbon nano-onions (CNOs). *Chemosphere.*184:1168-1174.
69. Jantapan, K., **Poapolathep, A.**, Imsilp, K., Poapolathep, S., Tanhan, P., Kumagai, S. and Jermnak, U. 2017. Inhibitory effects of Thai essential oils on potentially aflatoxigenic *Aspergillus parasiticus* and *Aspergillus flavus*. *Biocontrol Science.* 22: 31-40.
70. **Poapolathep, A.**, Poapolathep, S., Sinphithakkul, P., Imsilp, K., Isariyodom, S., Jermnak, U., Tanhan, P., Owen, H. & Giorgi, M. 2017. Fate and tissue depletion of nivalenol in ducks. *Japanese Journal of Veterinary Research.*65: 185-192.
71. Lebkowska-Wieruszewska, B., De Vito, V., Owen, H., **Poapolathep, A.** & Giorgi, M. 2016. Pharmacokinetics of grapiprant, a selective EP4 prostaglandin PGE2 receptor antagonist, after 2 mg/kg oral and i.v. administrat.ion in cats*. Journal of Veterinary Pharmacology and Therapeutics.* 40: 11-15.
72. Li, G., Wang, D., Zhou, A., Sun, Y., Zhang, Q., **Poapolathep, A.**, Zhang, L., Fan, Z, Zhang, Z. & Li, P. 2018. Rapid, on-site, ultrasensitive melamine quantitation method for protein beverages using timeresolved fluorescence detection paper. *Journal of Agricultural and Food Chemistry.* 66: 5671-5676.
73. Giorgi, M., Lebkowska-Wieruszewska, B., Lisowski, A., Owen, H., **Poapolathep, A.**, Kim, T.W. & De Vito, V. 2018. Pharmacokinetic profiles of the active metamizole metabolites after four different routes of administration in healthy dogs. *Journal of Veterinary Pharmacology and Therapeutics.* 41, 428-436.
74. Lebkowska-Wieruszewska, B., Kim, T.W., Chea, B., Owen, H., **Poapolathep, A.** & Giorgi, M. 2018. Pharmacokinetic profiles of two major active metabolites of metamizole (dipyrone) in cats following three different routes of administration. *Journal of Veterinary Pharmacology and Therapeutics.* 41: 334339.
75. Logrieco, A.F., Miller, J.D., Eskola, M., Krska, R., Ayalew, A., Bandyopadhyay, R., Battilani, P., Bhatnagar, D., Chulze, S., De Saeger, S., Li, P., Perrone, G., **Poapolathep, A.**, Rahayu, E.S., Shephard, G.S., Stepman, F., Zhang, H. & Leslie, J.F. 2018. The mycotox charter: Increasing awareness of, and concerted action for, minimizing mycotoxin exposure. *Toxins.* 10: 149
76. De Vito, V., Owen, H., Marzoni, M., Kim, T.W. **Poapolathep, A.** & Giorgi, M. 2018. Pharmacokinetics of tapentadol in laying hens and its residues in eggs after multiple oral dose administration. *British Poultry Science.* 59: 128-133.
77. Phruksawan, W., Poapolathep, S., Giorgi, M., Imsilp, C., Sakulthaew, C., Owen, H. & **Poapolathep, A.** 2018. Toxicokinetic profile of fusarenon-X and its metabolite nivalenol in the goat *(Capra hircus)*. Toxicon. 153: 78-84.

78. Susakate, S., Poapolathep, S., Chokejaroenrat, C., Tanhan, P., Hajslova, J., Giorgi, M., Saimek, K., Zhang, Z. & **Poapolathep, A.** 2019. Multiclass analysis of antimicrobial drugs in shrimp muscle by ultra high performance liquid chromatography-tandem mass spectrometry. *Journal of Food and Drug Analysis.* 27: 118-134.
79. Chokejaroenrat, C., Sakulthaew, C., Angkaew, A., Satapanajaru, T., **Poapolathep, A.** & Chirasatienpon, T. 2019. Remediating sulfadimethoxine-contaminated aquaculture wastewater using ZVI-activated persulfate in a flow-through system. Aquacultural Engineering. 84: 99-105.
80. Mapongpeng, R., Laovechprasit, W., **Poapolathep, A.**, Giorgi, M., Junchompoo, C., Sakulthaew, C., Jermnak, U., Passadurak, W. & Poapolathep, S. 2019. Pharmacokinetics of ceftriaxone in Green sea turtles (*Chelonia mydas*) following intravenous and intramuscular administration at two dosages. *Journal of Veterinary Pharmacology and Therapeutics.* 42: 104-11
81. Li, G., Xu, L., Wu, W., Wang, D., Jiang, J., Chen, X., Zhang, W., Poapolathep, S. & **Poapolathep, A.**, Zhang, Z., Zhang, Q., & Li, P. 2019. On-Site Ultrasensitive Detection Paper for Multiclass Chemical Contaminants via Universal Bridge-Antibody Labeling: Mycotoxin and Illegal Additives in Milk as an Example. *Analytical Chemistry.*91: 1968-1973.
82. Łebkowska-Wieruszewska, B., Stefanelli, F., Chericoni, S., Owen, H., **Poapolathep, A.**, Lisowski, A. & Giorgi, M. 2019. Pharmacokinetics of Bedrocan®, a cannabis oil extract, in fasting and fed dogs: An explorative study. *Research in Veterinary Science.* 123: 26-28.
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**Invited Speaker**

1. **Poapolathep, A., (Invited Speaker).** Cytotoxicity of major trichothecene mycotoxins on human Jurkat T cells, The 7th International Conference of Mycotoxicology and Food Security (ICM 2025), Hangzhou, China, 6 November, 2025.
2. **Poapolathep, A., (Invited Speaker).** Cytotoxicity of T-2, HT-2 and diacetoxyscirpenol on human Jurkat T cells" The International Workshop Health Science and Technology in the Entire Life Cycle, Wuhan Textile University, China, 1 October, 2025
3. **Poapolathep, A., (Invited Speaker).** TSM activity and mycotoxin research, Wuhan Textile University, China, 1 November, 2023
4. **Poapolathep, A. (Invited Speaker).** Research for mycotoxins in food chains, OCRI, Wuhan, China, 1 November, 2023.
5. **Poapolathep, A. (Invited Speaker).** Interactive debate: A world tour on climate change and the battle against mycotoxins. The 14th World Mycotoxin Forum Conference, 2024, Antwerp, Belgium, 9-11 October, 2023.

6. **Poapolathep, A. (Keynote speaker).** Toxicological aspect of fusarenon-X, a type B trichothecene mycotoxin. ISMYCO2022 and ICM2022, 6-9 September, 2022, Bangkok, Thailand.
7. **Poapolathep, A.** The 12th Conference of the World Mycotoxin Forum, WMFmeetsAsia. 13-15 January, 2020, Bangkok, Thailand.
8. **Poapolathep, A.** Multi-mycotoxin monitoring in food and beverages for assuring food safety. The 19th International Symposium of World Association of Veterinary Laboratory Diagnosticians (ISWAVLD 2019) 20-22 June, 2019. Chaing-Mai, Thailand.
9. **Poapolathep, A**. Multiple mycotoxin monitoring in agriculatural products in Thailand: Are they safe for consumption? The 2nd Mycokey International Conference. 15-18 September, 2018, Wuhan, The People's Republic of China
10. **Poapolathep, A.** Multi-residue analysis of mycotoxins and veterinary drugs in foods. APEC Workshop on Food Safety and Food Adulterated with Drug 2018. 11-14 September, 2018, Republic of China (Taiwan).
11. **Poapolathep, A.** Toxicity and toxicokinetics of fusarenon-X in animals. Symposium of Mycotoxicology 2016 (ISMYCO 2016).30 November- 3 December, 2016, Tokyo, Japan.
12. **Poapolathep, A.** Protective effects of phytochemicals against mycotoxin-induced toxicity in animals. The 15th AAAP Animal Science Congress, 26-30 November, 2012, Thamasart University, Thailand
13. **Poapolathep, A.** Perspectives on mycotoxins and food safety. The 2012 Korean Society Veterinary Sciences (KSVS) Internatinal Symposium, 30 October-3 November, 2012, Seoul, South Korea.
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