

## Dr. Kraisiri Khidkhan

(D.V.M., M.S., Ph.D.)

Department of Pharmacology,  
Faculty of Veterinary Medicine  
Kasetsart University, Bangkok, Thailand

E-mail: [kraisiri.kh@ku.th](mailto:kraisiri.kh@ku.th)



### Position :

Lecturer

---

### Educational Background :

2012 : Doctor of Veterinary Medicine (D.V.M.), Kasetsart University, Thailand

2016 : Master of Science (M.S.), Kasetsart University, Thailand

2020 : Doctor of Philosophy (Ph.D.), Hokkaido University, Japan

---

### Research Interests :

-Veterinary Pharmacology and toxicology

---

### Academic Position :

2021-present : Lecturer, Faculty of Veterinary Medicine, Kasetsart University

---

### Research Publications

- Interspecies differences in cytochrome P450-mediated metabolism of neonicotinoids among cats, dogs, rats, and humans, *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*. 239 (2021): 108898.
- Altered hepatic cytochrome P450 expression in cats after chronic exposure to decabromodiphenyl ether (BDE-209), *Journal of Veterinary Medical Science*. 82 (7): 978-982, 2020.
- Tissue distribution and characterization of feline cytochrome P450 genes related to polychlorinated biphenyl exposure, *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*. 226 (2019): 108613.

### Research Presentation

- The Environmental Chemistry Online Conference 2020. Presentation topic: Species variations in cytochrome P450-mediated metabolism of neonicotinoids among cats, dogs, rats, and humans (Oral presentation).
- The International Symposium on Chemical Hazard in Wildlife, February 5th, 2020, Japan. Presentation topic: Species differences in cytochrome P450 associated with metabolism of polychlorinated biphenyls between cat and dog (Poster presentation).

- The 7th Sapporo Summer Symposium for One Health (SaSSOH 2019), September 19th-20th, 2019, Japan. Presentation topic: Comparative metabolism of PCBs by cytochrome P450 in cat and dog (Poster presentation).
  - The Chemical Hazard Symposium in Hokkaido, March 20th, 2019, Japan. Presentation topic: Characterization of PCBs metabolism by feline cytochrome P450 (Poster presentation).
  - The 2nd Chemical Hazard Symposium, December 8th, 2018, Ehime, Japan. Presentation topic: Characterization of CYP genes related-PCBs exposure in cats (Oral presentation).
  - The 6th Sapporo Summer Symposium for One Health (SaSSOH 2018), September 20th-21st, 2018, Japan. Presentation topic: Characterization of CYP expression in cat related-PCBs exposure (Poster presentation).
  - The 38th International Symposium on Halogenated Persistent Organic Pollutants (POPs) & 10<sup>th</sup> International PCB Workshop (Dioxin 2018), August 26th-31st, Poland. Presentation topic: Tissue distribution and CYP expression related-PCBs exposure in cats (Oral presentation).
  - The 27th Symposium on Environmental Chemistry, May 22nd-25th, 2018, Naha, Japan. Presentation topic: Characteristics of CYP450 expression in cat exposed PCBs: Estimating the potential toxicity (Oral presentation).
-