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ตำแหน่งทางวิชาการ : ผู้ช่วยศาสตราจารย์

การศึกษา : - ปริญญาตรี สัตวแพทยศาสตรบัณฑิต มหาวิทยาลัยขอนแก่น
- ปริญญาโท วิทยาศาสตร์มหาบัณฑิต (เภสัชวิทยา)
มหาวิทยาลัยมหิดล
- ปริญญาโท Master of Veterinary Science
The University of Queensland
- ปริญญาเอก Ph.D. สาขา Molecular Bioscience
(Pharmacology)
The University of Queensland

งานวิจัยที่สนใจ : Small animal Pharmacology, Molecular
Pharmacology (GPCRs), Anti-inflammatory drugs,
Feline diabetes mellitus, Feline medicine และ
สมุนไพรในการรักษาเบาหวาน

งานวิจัยตีพิมพ์ :

1. N Frank, P Hermida, A Sanchez-Londoño, **Ranee Singh**, C Gradil, C Uricchio. 2017. Blood Glucose and Insulin Concentrations after Octreotide Administration in Horses With Insulin Dysregulation. *Journal of Veterinary Internal Medicine*. 31(4): 1188-1192.
2. P Arnnok, **Ranee Singh**, Rodjana Burakham, A Perez-Fuentetaja, D Aga. 2017. Selective Uptake and Bioaccumulation of Antidepressants in Fish from Effluent-Impacted Niagara River. *Environmental Science and Technology*. 51(18):10652–10662.
3. **Ranee Singh**, Patchareewan Pannangpetch. 2017. Roselle (*Hibiscus sabdariffa*) Calyche Ethanolic Extract Decreases Insulin Resistance in High Carbohydrate Diet Fed Cats. *Asia-Pacific of Science and Technology*. 22(4): 1-7.
4. **Ranee Singh**, Anthony N. Reed, Peifei Chu, Conor C.G. Scully, Mei-Kwan Yau, Jacky Y. Suen, Thomas Durek, Robert C. Reid, David P. Fairlie. 2015. Potent complement C3a receptor agonists derived from oxazole amino acids: Structure-activity relationships. *Bioorganic & Medicinal Chemistry Letters*. 25: 5604-5608.
5. **Singh R**, Rand J, Coradini M, Morton J, 2015. Effect of acarbose on postprandial blood glucose concentrations in healthy cats fed low and high carbohydrate diets. *Journal of Feline Medicine and Surgery*. 17(10); 848-857.
6. Singh R, Reed AN, Chu P, Scully CC, Yau MK, Suen JY, Durek T, Reid RC, Fairlie DP. 2015. Potent complement C3a receptor agonists derived from oxazole amino acids: Structure-activity relationships. *Bioorg Med Chem Lett*. 1;25(23):5604-8.
7. **Reid R**, Yau M, Singh R, Hamidon J, Lim J, Stoermer M, Fairlie D. 2014. Potent Heterocyclic Ligands for Human Complement C3a Receptor. *Journal of Medicinal Chemistry*. 57(20): 8459-8470.
8. Reid R, Yau M, **Singh R**, Lim J, Fairlie D. 2014. Stereoelectronic effects dictate molecular conformation and biological function of heterocyclic amides. *Journal of the American Chemical Society*. 136(34): 11914-11917.
9. Reid R, Yau M, **Singh R**, Hamidon J, Reed A, Chu P, Suen J, Stoermer M, Blakeney J, Lim J, Faber J, Fairlie D. 2013. Downsizing a Human Inflammatory Protein to a Small Molecule with Equipotent Functions. *Nature Communications*. 4:2802.
10. Conor C.G. Scully; Jade S. Blackeney; **Ranee Singh**; Huy N. Hoang; Giovanni Abbenante; Robert C. Reid and David P. Fairlie. 2010. Selective Hexapeptide Agonists and Antagonists for Human Complement C3a Receptor. *J. Med. Chem*. 53: 4938-4948.