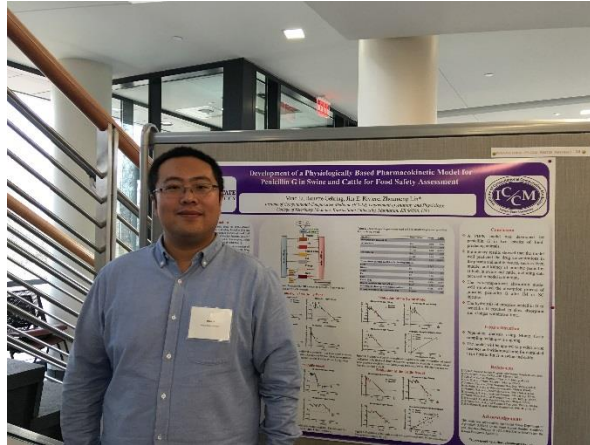


2016 News in The Lin Research Group

- Dr. Yi-Hsien Cheng from National Taiwan University joined our group as a Postdoctoral Fellow. Welcome! (12/12/2016)
- Miao did a poster presentation entitled “Development of a physiologically based pharmacokinetic model for penicillin G in swine and cattle for food safety assessment” in the 2016 Annual Meeting of Central States Society of Toxicology (CSSOT). Great job! (11/17/2016)

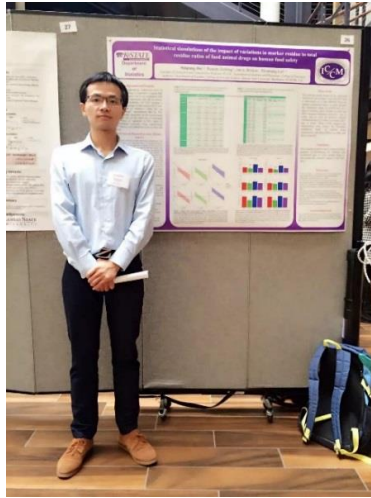


- Dr. Lin received the K-State International Collaboration Award. This award recognized Dr. Lin for his publication entitled “Caspase-11 plays an essential role in methamphetamine-induced do” in collaboration with Dr. Wei-Bing Xie, Department of Forensic Medicine, School of Basic Medical Science, Southern Medical University, China. This work was published as a cover paper in Toxicological Sciences, which is the official journal of the Society of Toxicology. Dr. Lin and Dr. Xie both received training in Department of Physiology and Pharmacology, College of Veterinary Medicine, The University of Georgia. They have started their collaboration since late 2013. (11/17/2016)



- Our manuscript entitled “Estimation of tulathromycin depletion in plasma and milk after subcutaneous injection in lactating goats using a nonlinear mixed-effects pharmacokinetic modeling approach” has been accepted by BMC Veterinary Research. Congratulations to all! (11/04/2016)

- Shiqiang did a poster presentation entitled “Statistical simulations of the impact of variations in marker residue to total residue ratios of food animal drugs on human food safety” in the Research and the State Graduate Student Poster Session of K-State. Great job! (11/02/2016)



- Dr. Dongping Zeng from South China Agricultural University, Guangzhou, China joined us as a Visiting Scholar. Welcome! (10/10/2016)
- K-State’s ICCM received an annual, renewable grant from the USDA’s National Institute of Food and Agriculture (NIFA) to support the national Food Animal Residue Avoidance Databank (FARAD) program. The investigator team includes the PI Dr. Gehring and Co-PIs Dr. Riviere, Dr. Lin and Dr. Jaber-Douraki. (09/01/2016)
- ICCM received a Teaching Grant from the K-State Global Campus to develop several online courses as part of a Graduate Certificate Program in Computational Comparative Medicine. The investigator team includes the PI Dr. Gehring and Co-PIs Dr. Comer, Dr. Jaber-Douraki, Dr. Lin and Dr. Volkova. (08/31/2016)
- Shiqiang Jin joined our group as a Graduate Research Assistant and Trevor Elwell-Cuddy joined us as an Undergraduate Research Assistant. Welcome! (08/22/2016)
- Dr. Miao Li from The University of Iowa joined our group as a Postdoctoral Fellow. Welcome! (08/08/2016)
- Dr. Lin attended a PBPK Modeling Workshop organized by Dr. Raymond S. H. Yang at Colorado State University. Thanks to Dr. Yang for organizing this wonderful workshop. (08/05/2016)



- Dr. KuKanich et al. received a grant from the Mark Derrick Canine Research Fund for their project entitled “Population pharmacokinetics and clinical efficacy of fluconazole in dogs with fungal disease”. The investigator team includes the PI Dr. Kate KuKanich and Co-Is Dr. Butch KuKanich, Dr. Lin and Dr. Rankin. (06/30/2016)
- Dr. Lin did an invited presentation entitled “PBPK modeling of gold nanoparticles (AuNP): a tool to extrapolate from animals to man” at the 8th International Nanotoxicology Congress in Boston. (06/02/2016)



- Our manuscript entitled “Human food safety implications of variation in food animal drug metabolism” has been accepted by Scientific Reports. Congratulations to all. (05/26/2016)
- Dr. Lin visited Dr. Justin G. Teeguarden’s research group at Pacific Northwest National Laboratory (PNNL) for one week and received additional training in nanomaterial in vitro dosimetry modeling using the “In vitro Sedimentation, Diffusion and Dosimetry (ISDD)” model. (05/21/2016)



- Dr. Lin received a University Small Research Grant (USRG). The project title is “Developing a computer model to improve pain treatment in dogs using existing data”. Dr. Butch KuKanich is a Collaborator of this project. (05/02/2016)
- Dr. Lin participated in the K-State Early Career Faculty DC trip to visit several funding agencies, including NSF, USDA/NIFA, and USAID. This was wonderful and very helpful experience. Thanks to K-State for supporting the professional development of early career faculty. (04/14/2016)



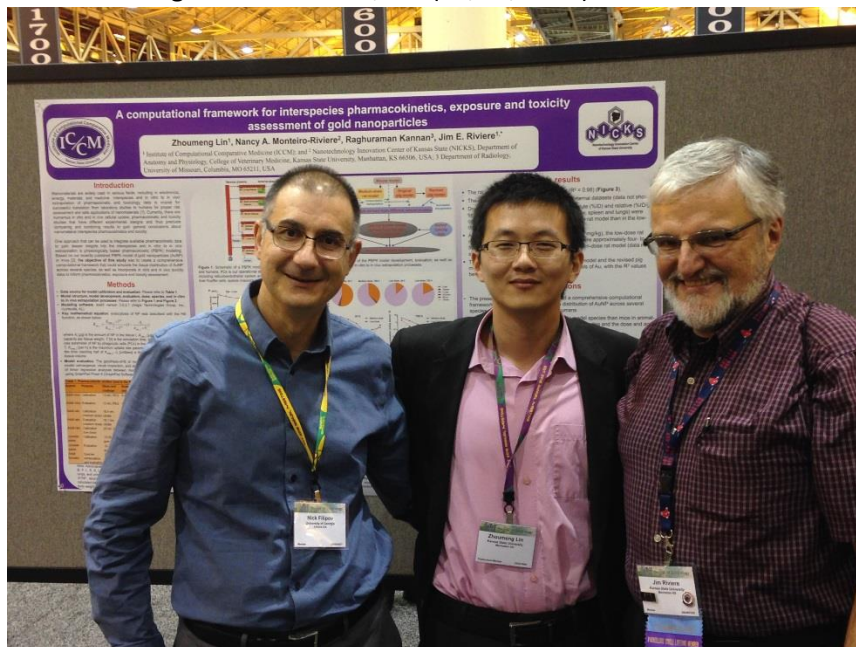
- Our invited review article entitled “Mathematical modeling and simulation in animal health. Part II: principles, methods, applications, and value of physiologically based pharmacokinetic modeling in veterinary medicine and food safety assessment” has been accepted by Journal of Veterinary Pharmacology and Therapeutics. Congratulations to all! (03/21/2016)
- Dr. Lin received the K-State Mentoring Fellowship. The title of his project is “An integrative in vitro and in vivo dosimetry model for engineered nanomaterials”. This fellowship supports Dr. Lin to receive additional modeling training from and establish collaboration with Dr. Justin G. Teeguarden at Pacific Northwest National Laboratory (PNNL) and Dr. Philip Demokritou at Harvard School of Public Health. (03/21/2016)



- Dr. Lin, Dr. Monteiro-Riviere and Dr. Riviere received the 2016 Society of Toxicology (SOT) Biological Modeling Specialty Section (BMSS) Best Paper Award (Honorable Mention) for their publication entitled “A physiologically based pharmacokinetic model for polyethylene glycol-coated gold nanoparticles of different sizes in adult mice”. This award recognized this publication as one of the Top Five Papers among the more than 400 papers published in 2015 in the field of toxicology based on the innovation, modeling quality, manuscript quality, impact on the field, and utility in toxicology and risk assessment. (03/14/2016)



- Dr. Lin did a poster presentation entitled “A computational framework for interspecies pharmacokinetics, exposure and toxicity assessment of gold nanoparticles” at the Society of Toxicology Annual Meeting in New Orleans, LA. (03/14/2016)



- Dr. Lin served as the SOT Sunday Undergraduate Education Program Mentor in the 2016 SOT Annual Meeting. (03/13/2016)
- The Lin Research Group in the ICCM at K-State was established as of today. (01/11/2016)