

Dr. Juan Loor, University of Illinois



Dr. Juan Loor is Professor of Animal Sciences and Nutritional Sciences at the University of Illinois, Urbana-Champaign. He earned a BS degree from the University of California, Davis, and MS and PhD degrees from Virginia Tech. Loor's contributions since joining the University of Illinois in 2005 have been novel, merging "classical" ruminant nutrition with molecular biology and bioinformatics into the discipline of Cattle NutriPhysioGenomics. Research in his group has centered on nutritional management of the periparturient dairy cow and the role of maternal nutrition on calf development and growth. He applies "omics" technologies to integrate responses to nutrition at the level of microbiome, metabolome, and transcriptome. Loor and his group have published over 260 peer-reviewed papers receiving more than 5,800 citations. Loor has trained 17 PhD and 11 MS students, 6 post-doctoral fellows, and served as co-mentor for 25 foreign graduate students. Juan Loor has established a broad research program in NutriPhysioGenomics to benefit the production efficiency and health of dairy cattle.