



Ted Kalbfleisch is an associate professor at the University of Kentucky in the Department of Veterinary Science. He has been working in the field of animal genetics for nearly 20 years. His research interests span the use of genetic sequence data to understand the genetic basis of health and disease susceptibility in animals, and he has authored, or co-authored nearly 90 scientific publications. He led the effort which culminated in 2018 with the publication of an improved reference genome for the horse which is the basis of nearly all genetic and genomic studies now being conducted in equids. He is currently working to create a T2T genome for equids, specifically the horse ,

donkey, zebra, and Persian onager and he is working with the ruminant T2T community on their effort to create a consortium to build and annotate T2T assemblies across the ruminant clade. He collaborates broadly and works with scientists to study the genetics of cattle, sheep, yak, moose, as well as horses.

He is interested in serving on the executive committee to advance the cause of data sharing, and more broadly, the democratization of research data, computational tools and other infrastructure. ISAG can be a leading proponent for this very important objective.