



Sofia Mikko

I started my scientific career in 1987, with a yearlong internship at the Animal Parasitology Institute, USDA. This guided me to biology studies at Uppsala University and a PhD thesis on genetic diversity in ruminant Mhc, at Swedish University of Agricultural Sciences, Uppsala. My work on genetics and genomics of diseases and traits in a number of species has so far resulted in 47 peer-reviewed scientific articles, 72 conference abstracts, and 23 popular scientific articles. My current research includes SNP-chip GWAS of performance traits in Swedish Warmblood horses, whole genome sequencing of cats, and studies of the prion protein in moose.

I have accepted this nomination to the Executive Committee and will contribute with 15 years of experience in running the parentage laboratory at SLU. I attended my first ISAG meeting in 1992 and have been an ISAG member more than 10 years. Since 2006 I have been a delegate of the Equine Genetics and Thoroughbred Parentage Testing Standardization Committee and later the Applied Genetics of Companion Animals Committee (last year as chair) and have actively contributed to the functioning of ISAG. My mission is to facilitate laboratories around the world in conducting parentage analysis in an efficient, standardized, and secure way.