**12th Dorothy Russell Havemeyer International Horse Genome Workshop**

The 12th Dorothy Russell Havemeyer International Horse Genome Workshop was convened at the Palazzo Vistarino in Pavia, Italy from September 12-15, 2018.  The meeting was hosted by Professors Elena Giulotto and Elena Raimondi of the University of Pavia Department of Biology and Biotechnology. This workshop is the latest in a series begun in 1995 dedicated to developing genomic tools for research on health, disease, performance, and traits of interest for the horse

The workshop addressed the main mission of the Havemeyer Foundation that is the promotion of high-level international collaborations: over sixty scientists from thirteen countries participated. Attendees, representing the most important institutions working in horse genomics, contributed with oral and poster presentations covering development of tools for functional annotation of the horse genome, insights related to evolution and domestication of horses, application of genomic tools to the study of equine reproduction, as well as applications of genomics to better understand various traits of horses. The meeting included two special sessions, one conducted by Ted Kalbfleish of the University of Louisville and another led by Molly McCue and Rob Schaefer of the University of Minnesota, presenting new programs developed to use functional genomic data for annotation and for research. Two distinguished scientists were invited to speak about broader aspects of genomics research. Stefano Gustincich, from the Istituto Italiano di Tecnologia (IIT), Genova, Italy, spoke about “Transposable Elements in Health and Disease”. Giulio Pavesi, from the University of Milan, spoke about “Opportunities and Challenges Using Single Cell Sequencing”. This workshop confirmed that the Horse Genome community is a broad and interdisciplinary network of scientists from around the world in which collaborations are particularly favored. The website for the meeting can be found at <https://havpav.com/>.

The next international meetings of the Horse Genome Workshop will be held in connection with USDAS-NRSP8 program at the Plant and Animal Genome (<http://www.intlpag.org/2019/>) Conference in San Diego, January 12-13, 2019, and then later in the year in connection with the Standing Committee on Horse Genomics at the Conference of the International Society for Animal Genetics (<https://www.isag.us/2019/>) in Lleida, Spain, July 7-12, 2019. More information about the workshops and participants can be found at <https://horsegenomeworkshop.com/>.