

Program

- 08:00 **Bus from BMC Uppsala to Aula Magna**
- 08:45 **Registration and coffee, hanging posters**
- 09:30 **Welcome Words**
Ylva Engström, Chair of the SciLifeLab Board
- Introduction to the Conference**
Kerstin Lindblad-Toh, Chair of the Scientific Committee
- 09:45 **Investigating mammalian evolution and human disease through comparative genomics in hundreds of species**
Elinor Karlsson, UMass Chan Medical School and Broad Institute, USA
- 10:15 **A Million-Year-Old Journey: Exploring Mammoth Speciation and Adaptive Evolution through time**
Tom van der Valk, Swedish Museum of Natural History
- 10:40 **Coffee break and Poster session I**
- 11:20 **Insights from high quality genome sequencing across the tree of life**
Richard Durbin, University of Cambridge, UK
- 11:55 **Conservation genomics of the Scandinavian Arctic fox**
Karin Norén, Stockholm University
- 12:20 **Lunch break and mingle, exhibitions**
- 13:40 **Domestication hologenomics - what are we missing without taking this approach?**
Tom Gilbert, University of Copenhagen, DK
- 14:15 **Sequencing the supergene that governs Darwin's different forms of flowers**
Tanja Slotte, Stockholm University
- 14:40 **Flash Talks from Junior researchers (selected from submitted abstracts)**
5-minute talk/researcher
- 15:05 **Coffee break and Poster session II**
- 15:45 **The remarkable population structure of Atlantic and Baltic herring - selection, selection, selection**
Leif Andersson, Uppsala University

- 16:20 **Why cyanobacterial blooms produce toxins – unravelling the underlying genetic diversity in the microcystin gene cluster**
Karin Rengefors, Lund University
- 16:45 **Best Poster Award ceremony**
Closing words
- 17:00 **End of Conference**
Meet the speakers and mingle; snacks and free beverages

Bus to Uppsala departs at 17:00 and at 18:30