

# Advances in conservation genomics and where to go next?

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Thursday, April 12, 13:00 – 17:00

Lindahlsalen, Evolutionary Biology Center, Uppsala

*High quality genomes from wild and extinct animals can nowadays be obtained at population level scale, allowing us to study evolutionary dynamics of (endangered) populations in great detail. In this symposium, experts in the field of conservation genomics will present their latest work and discuss what developments to aim for in the near future.*

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**R. Ekblom**

13:00 – 13:30



**D. Diez-del-Molino**

13:30 – 13:45



**M. de Manuel**

13:45 – 14:00



**K. Guschanski**

14:00 – 14:30



**T. Marques-Bonet**

14:30 – 15:00



**L. Dalén**

15:30 – 16:00



**J. Brealey**

16:00 – 16:15



**J. Nyström von Seth**

16:15 – 16:30



**J. Höglund**

16:30 – 17:00



For more information contact Tom van der Valk ([tom.vandervalk@ebc.uu.se](mailto:tom.vandervalk@ebc.uu.se))

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Lindahlsalen, Evolutionary Biology Center (Norbyvägen 14-22), Uppsala

## Schedule

Speaker	Time-slot	Talk title
Tom van der Valk	12:55 - 13:00	Welcome/opening
Robert Ekblom	13:00 - 13:30	Genome sequencing and SNP genotyping for the conservation and management of the Scandinavian wolverine population
David Diez	13:30 - 13:45	Quantifying Temporal Genomic Erosion in Endangered Species: Ideas and Challenges
Marc de Manuel	13:45 - 14:00	The evolutionary history of lions based on ancient whole-genome sequences
Katerina Guschanski	14:00 - 14:30	Temporal genetic diversity in eastern gorillas
Tomas Marques-Bonet	14:30 - 15:00	Chimpanzee genomic diversity and their implications for conservation.
Fika	15:00 - 15:30	
Love Dalén	15:30 - 16:00	Extinction dynamics and genome erosion in the woolly mammoth
Jaelle Brealey	16:00 - 16:15	Learning from the past: dental calculus and the oral microbiome as a tool for conversation
Johanna Nyström von Seth	16:15 - 16:30	Population genomics of the critically endangered Sumatran rhinoceros
Jacob Höglund	16:30 - 17:00	Phylogeography, speciation and climate adaptations in grouse ( <i>Lagopus</i> )
Tom van der Valk	17:00 - 17:15	Unveiling drivers of mutational load in wild populations

## How to get there

**Lindahlsalen:** Enter entrance 14 on the map, upstairs to the restaurant, turn left and walk through the glass corridor. Lindahlsalen is located directly to the right after the glass corridor.

