

# Celebrating complex genome structures

April 23<sup>rd</sup>, 2021, 13.15-15.45

<https://lu-se.zoom.us/j/3524380649>

13.15-13.30

Welcome and introduction

Mats Hansson

13.30-14.15

*“Personal Genomics” in small grain cereals – when genome complexity is no longer limiting research and breeding*

Prof. Nils Stein, IPK Gatersleben, Germany



14.35-15.00

*Demonstrating the utility of the hexaploid oat reference genome: A multi-omics workflow for single-gene-mapping of an epicuticular wax mutant.*

MSc. Nikos Tsardakas Renhuldt, ScanOats Industrial Research Centre, Division of Pure and Applied Biochemistry, Lund University

15.10-15.35

*Songbird genomics reveals hidden sex chromosome complexity*

Prof. Bengt Hansson, Department of Biology, Lund University

The Royal Physiographic and Mendelian Societies in Lund invites you to a half-day symposium to celebrate recent breakthroughs concerning sequencing of complex genomes. At the symposium Professor Nils Stein will be awarded a medal from the Royal Physiographic Society in Lund **for his significant and groundbreaking contributions in the field of cereal genomics**. In connection to the prize ceremony, he will also give “*The Royal Physiographic and Mendelian Societies in Lund Honorary Lecture in Genetics*”. Earlier speakers include for example Barbara McClintock, Walter Bodmer, Ed Southern, John Maynard Smith, Janet Rowley, Bruce Ponder, Sydney Brenner, Mike Stratton and Svante Pääbo.

We will also take the opportunity to celebrate two local breakthroughs in the research area of genomics; oat genomics presented Nikos Tsardakas Renhuldt and songbird genomics presented by Bengt Hansson.

Most welcome!

Mats Hansson on behalf of the two Societies