

Symposium 2025

Description

From Tree Genomes to Future forest

Lectures given at the 2025 Marcus Wallenberg Prize Symposium held in Stockholm on 4 November 2025

[Watch the complete broadcast here](#)

[Watch the summary film here](#)

PART 1 TREE GENOMES, moderated by Mike Wingfield, Professor University of Pretoria

[Welcome and opening Remarks](#)

Mr. Marcus Wallenberg, Chairman of the Marcus Wallenberg Foundation

[Forest biotechnologies: Four+ decades of rapid change](#)

Steve Strauss, Professor, Oregon State University

[Tree Genomics: Past Triumphs, Present Frontiers, Future Possibilities](#)

2025 MWP Laureate Gerald Tuskan

[Regulatory context & New Genomic Techniques: Driving Innovation and Competitiveness](#)

Jessica Polfuss, EU Parliament

[Announcement of Winner of the Young Researchers & 3MT presentations](#)

Presenter: Tahani Kaldius, The Marcus Wallenberg Foundation

PART 2 Moderated by Mike Wingfield, Professor University of Pretoria

[Genomics and quantitative genetics converge to predict complex traits in industrial Eucalyptus breeding of future forests](#)

Dario Grattapaglia, Research Scientist at Embrapa Genetic Resources and Biotechnology

Poplar genome engineering for tomorrow's bioeconomy

Chung-Jui Tsai, Professor of Forest Biotechnology, University of Georgia

Harnessing the power of genomics to enhance tree resistance

Sanushka Naidoo, Professor, University of Pretoria

Transformative changes in poplar breeding thanks to genomic information

Catherine Bastien, Research Director at INRAE French National Institute for Agriculture, Food and Environment

Genomic Breeding in the Nordics Conifers

Harry Wu, Faculty (Chair) Professor of Forest Genetics and Breeding, Swedish University of Agriculture Sciences

Summary

Mike Wingfield, Professor University of Pretoria