Leonard Blaschek

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leonardblaschek.github.io

EDUCATION

PhD, Plant Physiology   2017–2021 (expected)

Stockholms Universitet, Sweden

Project: Functional and Genetic Analysis of Laccase Isoforms during Lignification in *Zinnia elegans*, *Arabidopsis thaliana* and *Populus*.

Advisor: Edouard Pesquet

Co-Advisors: Vincent Bulone, Jonas Gunnarsson

Master of Science, Genetic and Molecular Plant Biology   2015–2017

Uppsala Universitet, Sweden

Thesis: Distinct Roles of Laccase Isoforms During Lignification in *A. thaliana*

Advisor: Edouard Pesquet

Bachelor of Science, Biology   2013–2015

Ernst-Moritz-Arndt-Universität Greifswald, Germany

Thesis: Plasma Membrane–Bound Proteases in the Roots of *H. vulgare* (grade: 1.0)

Advisor: Gabriele Stöhr

EXPERTISE

Physiology & Cell Biology

Quantitative bright field and fluorescence microscopy, enzyme kinetics, cell suspension cultures, histology, UV-vis spectrophotometry and colour analysis

Genetics

Cloning, transformation, crossing, segregation analysis, *in silico* analyses

Coding & Scripting

R, LaTeX, ImageJ, git, HTML (basics), perl & python (basics), Unix, Linux, Windows

PRESENTATIONS

Blaschek, L (2018) Determining the Spatial Distribution of Aldehyde Units in Lignin. *2nd Stockholm Cell Wall Meeting.*