

# 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.  
*2<sup>nd</sup> Stockholm Cell Wall Meeting.*