

Philipp Reuter

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Born 26.04.1989 in Schweinfurt

Education and Qualifications

Education Friedrich Fischer-Schule
Schweinfurt
2010-2012

Graduation Higher education entrance
qualification

University

Subject Friedrich-Alexander University Erlangen-Nuremberg
Biology (BSc)
2012-2015

Thesis Bachelor of Science (2.2)
Functional expression of the calcium sensor Twitch in Neuro2A and HEK293 cells. (Division of Animal Physiology Group Feigenspan)

Subject Cell and Molecular Biology (MSc)
2015-2017 (expected)
Master of Science

Thesis Identification of genes that contribute to antioxidative metabolic processes in drought stressed barley plants. (Division of Biochemistry Group Voll)

Work Experience

Apprenticeship Biological laboratory assistant
Labor L+S AG Bad Bocklet-Großenbrach
2006-2009

Student Assistant Division of Biochemistry
Group Björn Krenz
Molecular Plant Virology
09.2015-3.2016

Internship Saatzucht Breun GmbH & Co.KG

- i. Establishment of a colorimetric Assay to verify lipoxygenase activity in wild type barley kernel and mutants.



- ii. Bioinformatic investigation of resistant genes in winter barley and development of molecular marker for different alleles.
- iii. Re-sequencing of lipxygenase1 gene in barley TILLING mutants.

08.2016-09.2016

Languages

German	Native
English	UNicert III/C1 Level

24.02.17, Erlangen

Signature

Philipp Renter