

Grimm, Bernhard

General Information

Name: Grimm, Bernhard
Academic title: Prof. Dr. med.

Gender: Male
Institute address: Humboldt Universität zu Berlin
Institut für Biologie AG Pflanzenphysiologie
Philippsstrasse 13 10115 Berlin Germany
Homepage: <http://www2.hu-berlin.de/biologie/plantphy>
Telephone number: 030-2093 6119
E-Mail address: Bernhard.grimm@rz.hu-berlin.de
Current position/status: Professor (C4)



Academic Education and Qualifications

1976-1984 Study of Biology at the University of Hannover, Diploma in Biology
1984-1987 Graduate student at the Institute of Botany, University of Hannover
11/1987 PhD thesis (Dr. rer. nat., summa cum laude)
1993 Habilitation for Plant Physiology, University of Hannover

Professional Career

1987-1992 Postdoc and Research Assistant at the Carlsberg Laboratory, Department of Plant Physiology, Copenhagen, Denmark
1987 -1999 EMBO fellowship, Carlsberg Laboratory, Department of Plant Physiology
1992-2000 Group leader at the Institute of Plant Genetics and Crop Plant Research, Department of Molecular Plant Physiology, IPK Gatersleben
2001-present Professor (C4) of Plant Physiology at the Institute of Biology, Humboldt-Universität zu Berlin

Publications (5 most important publications)

1. Kruse E, Mock H-P, **Grimm B (1995)**
Reduction of coproporphyrinogen level by antisense RNA synthesis leads to deregulated gene expression of plastid proteins and affects the oxidative defense system
EMBO J 14, 3712-3720
2. Papenbrock J, Mock H-P, Tanaka R, Kruse E, **Grimm B (2000)**
Role of magnesium Mg-chelatase activity in the early steps of the tetrapyrrole biosynthetic pathway
Plant Physiol 122, 1161-1169
3. Peter E and **Grimm B (2009)**
GUN4 is required for posttranslational control of plant tetrapyrrole biosynthesis
Mol Plant
4. Tanaka R, Rothbart M, Oka S, Shibata M, Myouga T, Motohashi R, Shinozaki K, **Grimm B**, Tanaka A **(2010)**
LIL3, an LHC-like protein, plays an essential role in chlorophyll and tocopherol biosynthesis by stabilizing geranylgeranyl reductase in *Arabidopsis thaliana*
Proc Natl Acad Sci USA 107, 16721-16725
5. Czarnecki O, Hedtke B, Melzer M, Rothbart M, Richter A, Schröter Y, Pfannschmidt T, **Grimm B (2011)**

An *Arabidopsis* GluTR binding protein mediates spatial separation of 5-aminolevulinic acid synthesis in chloroplasts

Plant Cell 23, 4476-4491