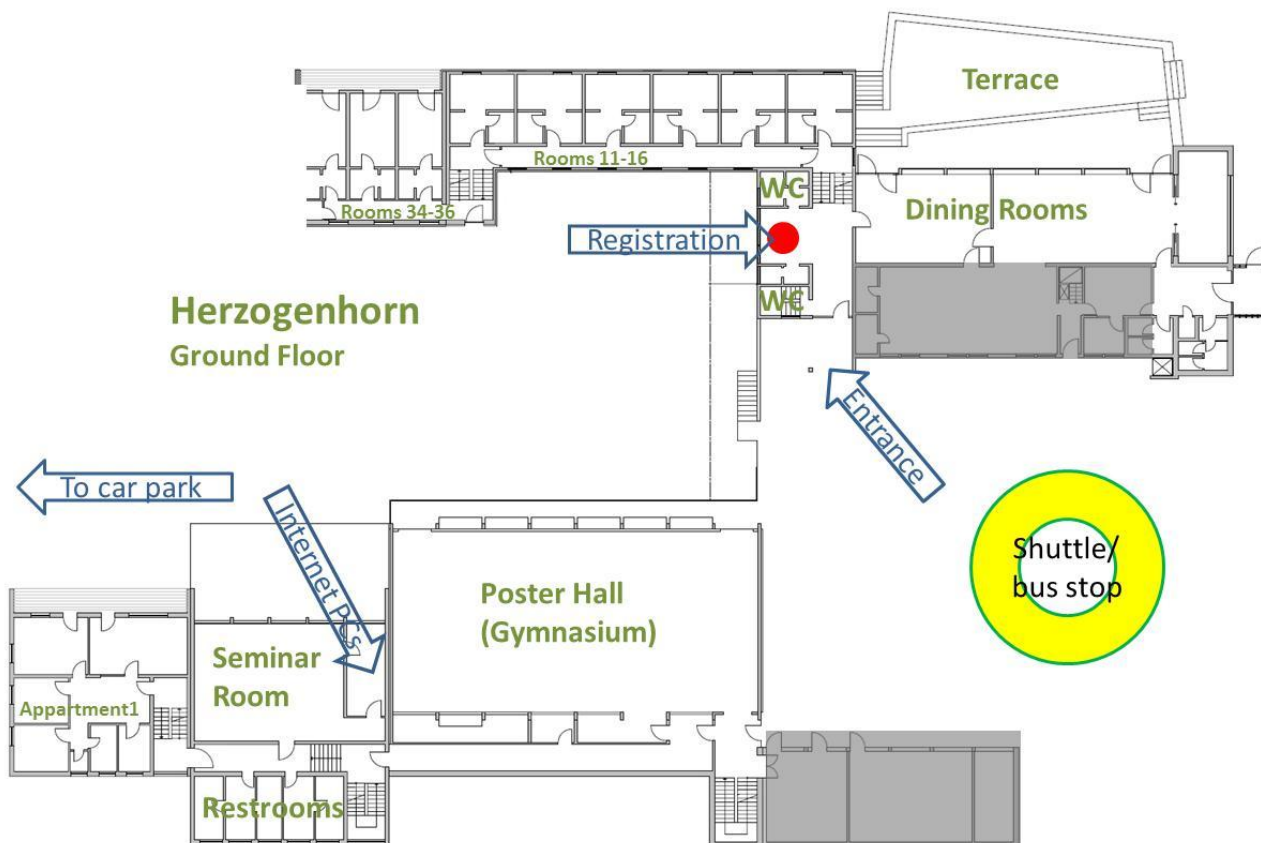


**Black Forest Retreat 2012**  
**on Molecular Plant Science**  
**Herzogenhorn, Sep 10<sup>th</sup> - 13<sup>th</sup>**  
<http://plantco.de/BFR2012/>



**Detailed Program**

Venue: [Leistungszentrum Herzogenhorn](#)



All talks take place in the seminar room. Poster sessions take place in the gymnasium. Breakfast, lunch, supper, coffee breaks and evening entertainment are located in the dining rooms.

**Monday Sep 10<sup>th</sup>**

- 15:15, 16:15, 17:15 Bus shuttles from Bärenthal train station to venue
- 15:30 - 19:00 Registration desk open  
(also open during the conference at all breaks)
- 19:00 - 20:00 Reception with food and beverages**
- 20:00 Welcome, organizational remarks**
- 20:15 Keynote talk 1: *Ralph Bock***  
**Genes gone wild: experimental genome evolution in plants**
- later "moss cocktail workshop"*

The Black Forest Retreat 2012 on Molecular Plant Science is organized by Plantco.de e.V. (Freiburg, Germany) and supported by the German Botanical Society (DBG) and the Freiburg Institute for Advanced Studies (FRIAS). Support by the companies shown below is gratefully acknowledged.



## **Tuesday Sep 11<sup>th</sup>**

7:45 - 8:45 Breakfast

### **9:00 – 10:30 Oral session I**

#### **9:00 Keynote talk 2: Yves van de Peer**

##### **Plant genome evolution**

10:00 T1 *Rena Isemer*

The dual localized protein WHIRLY1 has functions in plastids and the nucleus

10:15 T2 *Daniel Alvarez*

Investigation of a translation-inhibitory function mediated by the 5'UTR of phytoene synthase from *Arabidopsis*

10:30 Coffee break

### **11:00 – 12:00 Workshop 1: Stefan Rensing**

#### **Things you always wanted to know about BLAST and never dared to ask**

12:00 Lunch

### **13:00 – 14:00 Poster session I with coffee**

P1 *Josefine Nestler*, Functional characterization of roothairless mutants of maize (*Zea mays*)

P2 *Yvonne Ludwig*, Genetic dissection of the maize (*Zea mays* L.) Aux/IAA gene family

P3 *Kai Gräber*, A guideline to family-wide comparative qRT-PCR analysis exemplified with a Brassicaceae cross-species seed germination case study

P4 *Sandra Scholz*, Role of Calcium Sensor CML37 in *Arabidopsis* response to insect herbivory

P5 *Florian Wernet*, Measuring the effect of mechanical stress on cells

P6 *Eva Zwick*, *Eid3* - an *Arabidopsis* mutant in light signaling

### **14:00 – 15:00 Workshop 2: Stefan Rensing**

#### **Phylogenetic reconstruction and *P. patens* as a new model**

##### *Excursion*

15:00, 15:20

*Departure*

15:30

*Uphill drive with cable car*

16:00

*Reception on 11<sup>th</sup> floor of Feldberg tower*

16:45

*Glacial relict excursion (Michael Scherer-Lorenzen) and walk down*

18:00, 18:20

*Return*

18:30 Supper

## **Wednesday Sep 12<sup>th</sup>**

7:45 - 8:45 Breakfast

### **9:00 – 10:30 Oral session II**

#### **9:00 Keynote talk 3: Klaus Palme**

##### **Towards understanding hormone action in plants**

10:00 T3 *Ahmed Ismail*

The interplay among plant hormones orchestrates salt tolerance in grapevines

10:15 T4 *Xin Guan*

Cytoskeleton and stress responses of crop plants: grapevine as model

10:30 Coffee break & industry exhibits (poster hall)

### **11:00 – 12:00 Workshop 3: Regina Saum (Thermo Fisher)**

#### **Optimize your cloning!**

12:00 Lunch (& industry exhibits)

**13:00 – 14:00 Poster session II with coffee & industry exhibits**

P7 *Yadira Olvera-Carrillo*, Programmed cell death in unfertilized pistils of *Arabidopsis thaliana*

P8 *Kai Pfannebecker*, The development of a basic carpel toolkit

P9 *Wei-Chun Kao*, Proton Transfer and Reactive Oxygen Species in the Cytochrome bc1 Complex

P10 *Kerstin Redegeld*, Examinations on endogenous degradation of glucosinolates in *Capsella rubella*

P11 *Christopher Lentjes*, Cloning, Production and Characterization of the Na<sup>+</sup>/H<sup>+</sup> antiporter NhaA from *Salmonella enterica* serovar Typhimurium LT2

P12 *Antje Hellmuth*, Functional Characterization of Auxin Co-Receptors

P13 *K. G. Srikanta Dani*, Physiology and evolution of isoprene emission in plants

**14:00 – 15:00 Poster session III**

Discussion of all posters

**15:00 – 17:30 Workshops**

**15:00 Bernhard Busch (GATC)**

**4: Multiplatform-based sequencing: combining libraries, sequencing technologies and software tools**

**15:50 Regina Saum (Thermo Fisher)**

**5: Optimize your qPCR**

**16:40 Martin Kiesel (Nikon)**

**6: Fluorescent Proteins - Important Tools in Live Cell Imaging**

18:00 Supper

later Farewell party

**Thursday Sep 13<sup>th</sup>**

7:45 - 8:45 Breakfast

**9:00 – 9:45 Oral session III**

9:00 T5 *Maria Bucsenes*

*Cis*-regulatory elements mediating sieve element-specific gene expression

9:15 T6 *Mohammed Khalil*

Molecular analysis of biphenyl biosynthesis

9:30 T7 *Alzahraa Radwan*

The impact of drought stress on relevant natural products in sage (*Salvia officinalis*)

**9:45 – 10:30 Workshop 7: Andreas Schaaf (greenovation)**

**Molecular Farming: Plant-based production of biopharmaceuticals**

10:30 Coffee break

**11:00 – 11:45 Workshop 8: Wolfgang Jost (Innovation office)**

**On ribosomal entry and patent protection**

**11:45 Concluding remarks, best poster and best talk reward**

12:00 Lunch, end of retreat

13:30, 14:30 Bus shuttles to Bärenthal train station