

## Invited speakers:

**Gábor Horvát**

(Biological Research Center of the Hungarian Academy of Sciences, Hongaria)

**Michael Metzloff**

(Bayer Bioscience, Gent, Belgium)

**Jacky Dommès**

(ULG, Liège, Belgium)

**Frank Van Breusegem**

(VIB, Gent)

**Karen Halliday** (Institute of Molecular Plant Sciences - University of Edinburgh, Scotland)

**Deadline for poster abstract submission: 5/11/10**

Email abstract to [abstract@bpba.be](mailto:abstract@bpba.be)

### Scientific and Organising Committee

Stefaan Werbrouck, *University College Ghent (chair)*

Pascal Geerts, *CRA Gembloux (vice chair)*

Ivan Famelaer, *Private (secretary)*

Tom Eeckhaut, *ILVO, Gent*

Danny Geelen, *University Ghent*

Jean Lathouwers, *Erasmus Hogeschool, Brussels*

Bart Panis, *Catholic University Leuven*

Arlette Reynaerts, *(private)*

Evelyne Etienne, *CEDEVIT, University Liège*



December 3th, 2010

**Thermotechnical Institute, KU Leuven**

Kasteelpark Arenberg 41,  
3001 Heverlee - Louvain

Access: By Train: Leuven (Louvain) to Heverlee  
Walking distance from station Heverlee

## Sponsors



[www.analis.be](http://www.analis.be)



Your partner in medicine and science worldwide...



Bayer CropScience



Thermotechnical  
institute



Supplier Partnerships for Customer Solutions



novolab



Labconsult



cropdesign  
a BASF Plant Science Company

**Combiness**

**Scientific Program  
December 3<sup>rd</sup>, 2010**



**9.00: Registration**

**9.45: Opening**

**10.00: Gábor V. Horváth:**

**“Protection of plants from combined environmental stresses: transgenic crops and their evaluation”**

**10.45: Frank Van Breusegem:**

**“Unraveling hydrogen peroxide dependent regulatory gene networks in plants”**

**11.30: 2 x young scientists**

**12.00-13.30: lunch & poster**

**13.30: Jacky Dommès:**

**“Plant immunization: defense mechanism(s) induced by plant growth-promoting rhizobacteria”**

**14.15: Karen Halliday:**

**“Temperature modulation of plant growth”**

**15.00: 1 x young scientist**

**15.15 : coffee break**

**15.45: Michael Metzlauff:**

**“Towards abiotic stress tolerant crops: Genes, pathways and bottlenecks”**

**16.30: Closure and drink**

## **Registration, Oral presentation and Poster submission**

Interested participants are invited to register at our website [www.bpba.be](http://www.bpba.be) Or by sending an email with name and institute to [info@bpba.be](mailto:info@bpba.be).

If you intend to present a poster, please send a 1 page abstract to [abstract@bpba.be](mailto:abstract@bpba.be). Indicate whether you want to present it orally. Three posters will be selected for an oral presentation.

Poster presentations in the area of plant biotechnology, plant tissue culture and plant breeding are welcome.

Participation fee to the meeting is 20 euro. Included are registration, lunch and coffee. Payment: on arrival at the desk of the symposium.

Students and NVPW members pay 15 euro.

Registration will provide an opportunity to become member of the BPBA free of charge.

**Deadline for poster abstract submission: 5/11/10**

## **Plant Stress Biotechnology**

Plant stress is a major factor of loss in agriculture and is therefore an important target for fundamental as well as applied research. There is a wide range of environmental conditions that cause plant stress and thus the field is broad and multidisciplinary. The impact on gene regulation of many kinds of growth conditions has been recorded for the genetic model Arabidopsis and other crops. Despite the vast collection of data that has been gathered over the years it remains in many cases unclear how the environmental signals are translated into a molecular signal. Moreover, to understand how stress responses develop, we must find ways to analyze the integration of molecular and physiological processes. During this meeting internationally reknown scientists will share their findings. New insights show how plant physiology and molecular approaches can be integrated to resolve plant stress mechanisms and how this can lead to the creation of genetic modified stress resistant plants.