

Invited speakers;

Rob Verpoorte

(Universiteit Leiden , Netherlands)

Lee Sweetlove

(University of Oxford, UK)

Bart Van Droogenbroeck

(ILVO, Belgium)

Alain Goossens

(VIB, Belgium)

Marc Boutry

(UCL, Belgium)

Hartwig Sievers

(PhytoLab, Germany)

Abstract submission deadline:

15th October 2008

Email abstract to abstract@bpba.be

Scientific and Organising Committee

Stefaan Werbrouck, *University College Ghent (chair)*

Pascal Geerts, *CRA Gembloux (vice chair)*

Ivan Famelaer, *Free University Brussels (secretary)*

Tom Eeckhaut, *ILVO, Gent*

Danny Geelen, *University Ghent*

Jean Lathouwers, *Erasmus Hogeschool, Brussels*

Bart Panis, *Catholic University Leuven*

Arlette Reynaerts (*private*)



Scientific meeting Organized by the Belgian Plant Biotechnology Association

Secondary metabolites and Molecular Farming

November 7th, 2008

Archipel business
center
Gent (Zwijnaarde)

Tramstraat, 61

9052 Zwijnaarde

Sponsors



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Access



Public transport: Train station
Gent St.-Pieters take bus 44, 48,
49, 70, 71, 72 or 78 direction
Zwijnaarde, bus stop at Archipel
Business Centre

By car : see map at
www.archipel-bc.be

Scientific Program

November 7th, 2008

9.30 Registration

9.45 Opening

10.00 **Lee Sweetlove**

10.45 **Rob Verpoorte**

11.30 **Selected abstract**

11.45 **Selected abstract**

12.00 – 14.00 lunch and poster session

14.00 **Alain Goossens**

14.45 **Bart Van Droogenbroek**

15.15 Coffee

15:45 **Marc Boutry**

16:30 **Hartwig Sievers**

17.15 **Closure and drink**

Oral presentation and Poster submission

Interested participants are invited to register at our website www.bpba.be

If you intend to present a poster or an oral presentation, please send a 1 page abstract to abstract@bpba.be

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

Participation to the meeting is 20 euros. Included are registration, lunch and coffee.

Students and NVPW members pay 15 euros.

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

Deadline for 'oral' abstract submission: 15 October

Secondary metabolites and Molecular Farming.

Plants produce a wealth of secondary metabolites that function in defense mechanisms, communication, cell signaling, detoxification, etc... Mankind has exploited this resource for many purposes: as drugs used in rituals, as dyes, for hunting, and perhaps most importantly for the treatment of diseases. About 25% of today's pharmaceuticals originate from plant secondary metabolites.

Today, technology is being developed to analyze the production of secondary metabolites more systematically. High throughput analyses are implemented to resolve the biosynthetic networks and to understand the relationship with primary metabolism. In addition, systems are being developed to allow molecular farming of genetically engineered proteins, basic fine-chemicals or valuable secondary metabolites. This meeting covers a number of theoretical and applied aspects of this new and emerging research field.