

Invited speakers:

Holger Puchta,
KIT, DE

Jochen Kumlehn,
IPK Gatersleben, DE

Giacomo Bastianelli,
Meiogenix, FR

Erik Wijnker,
Universität Hamburg, DE

Joost Keurentjes,
WUR; UvA, NL

Deadline for abstract submission:
November 1st, 2014

Abstracts can be uploaded on the
website (www.bpba.be)

Scientific and Organising Committee:

Stefaan Werbrouck, *University College Ghent (chair)*

Pascal Geerts, *CRA Gembloux (vice chair)*

Ivan Famelaer, *VUB (secretary)*

Tom Eeckhaut, *ILVO*

Danny Geelen, *Ghent University*

Jean Lathouwers, *Erasmus University College*

Bart Panis, *KU Leuven*

Evelyne Etienne, *CEDEVIT, University of Liège*

Stéphan Declerck, *UCL*

8th Symposium of the Belgian Plant Biotechnology Association



November 14th, 2014

Royal Library of Belgium
Keizerslaan, 4
B-1000 Brussels

At 100 meters from Brussels Central Station.

Sponsored by:



Sponsoring conditions:
Info@bpba.be

Scientific Program

09.00 Registration

09.45 Opening

10.00 Holger Puchta: "Double strand break induced genome engineering in plants"

10.45 Jochen Kumlehn: "Genome engineering in barley using TALE nucleases"

11.30 Short presentations by young scientists

12.00 - 13.30: Lunch & poster session

13.30 Giacomo Bastianelli: "Unlocking genetic diversity by targeting meiotic recombination"

14.15 Erik Wijnker: "How to exchange cytoplasm and chromosomes between Arabidopsis lines"

15.00 Short presentations by young scientists

15.15 Coffee break

15.45 Joost Keurentjes: "The versatile use of a genome elimination mutant in developing novel genetic mapping resources"

16.30 Closure and drink

Registration and Abstract submission

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

If you intend to present a poster or a short oral presentation, please upload a 1 page abstract on the website. All abstracts will be published on the BPBA website afterwards.

The best poster will be awarded by the BPBA (250€)

Abstracts in the field of plant biotechnology, plant tissue culture and plant breeding are welcome.

Registration fee: 30 € (15 € for students). This includes participation in the scientific program, lunch and coffee-breaks. Payment on desk, Registration also includes membership of the BPBA.

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New breeding technologies

Innovation in plant breeding is necessary to global challenges such as climate change and population growth. Great efforts are needed and therefore plant breeders are continuously searching for new plant breeding technologies. Molecular research has offered novel relevant tools and in particular the introduction of molecular markers has reshaped plant breeding. The cost reduction of nucleotide sequencing and recent developments in genome sequencing targeted mutagenesis may profoundly change the selection process. Several approaches are being developed in parallel. Which of these methods will be most suited for breeding? Will there be diversification driven by the particularities of crops and regulation? To start to address these questions, an update on the state of the art will be highly useful. This is precisely the objective of this 8th BPBA meeting.

