

Meeting of the German Society of Plant Biotechnology

Plant Biotechnology – Applications in Breeding and Production

29.08. – 30.08. 2013 at Geisenheim

Thursday, August 29, 2013

- 11.00 – 13.00 **Registration**
- 13.00 – 13.15 Hans Reiner Schultz (President, Geisenheim University)
Conference opening and welcomings

I. Gene Technologies

- 13.15 – 14.00 Erwin R. Schmidt (IMSB, University Mainz)
Next generation sequencing
- 14.00 – 14.30 Thomas Schmidt (TU Dresden)
SINE-based markers for genotyping
- 14.30 – 14.50 Abdellatef, Eltayb (University Gießen)
Host induced gene silencing (HIGS) for Aphid-proof plants
- 14.50 – 15.15 **General discussion** (with coffee and tea)
- 15.15 – 16.00 Ralph Bock (MPI Potsdam-Golm)
Genes gone wild: experimental genome evolution in plants
- 16.00 – 16-20 Enrico Schleiff (University Frankfurt)
Hot sex is dangerous
- 16.20 – 17.00 **Poster Session and General Discussion** (with coffee and tea)
- 17.00 – 18.00 **Annual General Meeting of the Members of the Society of Plant Biotechnology**
– Closed session –
- 19.00 **Conference Dinner with Wine Tasting**

Friday, August 30, 2013

II. In vitro Technologies

- 09.00 – 09.45 Sergio Ochatt (INRA, Dijon, France)
In vitro technologies – a status analysis
- 09.45 – 10.15 Joachim Keller (IPK Gatersleben)
Fifteen years of cryopreservation at the IPK Genebank – experience, conclusions and outlook
- 10.15 – 10.45 Ming-Tsair Chan (Academia Sinica Biotechnology Center in Southern Taiwan)
Application of transgenic technology in orchid
- 10.45 – 11.15 General discussion (with coffee and tea)

III. Plant Biotechnology – Applications

- 11.15 – 12.00 Michael Metzloff (Bayer Crop Science, Germany)
What are all the "omics" good for?
- 12.00 – 13.30 Lunch Break
- 13.30 – 13.50 Peter Braun (University Geisenheim)
A breeders perspective of molecular breeding in Apple
- 13.50 – 14.10 Romina Petersen (University Mainz)
Identifying the molecular genetic basis of columnar growth in apples
- 14.10 – 14.30 Fathi Hassan (IPG, University Hannover)
Application of bicistronic vectors
- 14.30 – 14.50 Klaus Eimert (Geisenheim University)
Genetic diversity - a measure of quality in autochthonous plants?
- 14.50 – 15.20 **General discussion** (with coffee and tea)
- 15.20 – 15.40 Johanna Frotscher (University Geisenheim)
Identification of terpene glycosyltransferases in grapevine – bringing together transcriptional analysis and metabolic profiles
- 15.40 – 16.00 Hans-Jörg Jacobsen (Hannover University)
Concluding remarks
- 16.00 End of Conference