



Conference on *New Breeding Techniques – regulate or not to regulate*

Date:

26-27 September 2016

Venue:

Hungarian Academy of Sciences: 1051 Budapest, Széchenyi István sqr. 9.

Aims of the conference: The new precision genome editing (PGE) techniques are currently widely discussed as key elements in the new breeding methods serving the agricultural innovation also in Europe. Unfortunately among the EU member states, there is no consensus on the use of GM technology in agricultural practices. In this hostile climate our scientific community is particularly concerned and feels an utmost importance in emphasizing the significance and the potentials of the PGE techniques and to engage the European agricultural policy for a supportive attitude towards this new innovation, which stance should be represented at the Council meetings as well in shaping the associated EU regulation.

Lecturers confirmed: Joachim Schiemann (Germany), Holger Puchta (Germany), Agnes Ricroch (France), Eva Stoeger (Austria), Dénes Dudits (Hungary), László Hiripi (Hungary), Attila Molnár (Scotland), Tom Lawrenson (UK), Bhanu Telugu (USA), Kristin M Whitworth (USA).

Round table discussion: Moderated by Jeremy Sweet (UK). Panel members: Ivo Frebort (Czech Republic), Tomasz Twardoswski (Poland), Elena Rákossy Tycan (Romania), Borut Bohanec (Slovenia).

Supported by

Hungarian Academy of Sciences,

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Programme

26 September 2016

1.30 pm	Registration
2.00 pm – 4.00 pm	Session 1.
	Holger Puchta (Germany) <i>„Double strand break induced genome engineering in plants”</i>
	Attila Molnár (United Kingdom) <i>„Transgene-free genome editing in plants”</i>
	Tom Lawrenson (United Kingdom) <i>„Generating gene knockouts in crops using CRISPR/Cas9”</i>
	Eva Stoeger (Austria) <i>„Applying CRISPR/Cas to barley: our experience with the technology, its acceptance and the national regulatory landscape”</i>
4.00 pm – 4.30 pm	Coffee break
4.30 pm – 7.30 pm	Session 2.
	Bhanu Telugu (USA) <i>„Precision breeding in agricultural animals using genome editing tools”</i>
	László Hiripi (Hungary) <i>„Genome editing in rabbits: agricultural and medical aspects”</i>
	Whitworth M. Kristin (USA) <i>„Gene Editing with CRISPR/Cas9 to Develop PRRS Resistant Pigs”</i>
7.30 pm	Dinner

27 September 2016

8.30 am	Registration
9.00 am – 11.00 am	Session 3.
	Dénes Dudits (Hungary) <i>„Use of synthetic oligonucleotides for gene specific mutagenesis in several genome editing strategies”</i>
	Agnes Ricroch (France) <i>“Plant biotech regulation and risk assessment. Precise gene editing should meet precision agriculture”</i>
	Joachim Schiemann (Germany) <i>“How will genome edited plants be regulated? The calm before the storm?”</i>
11.00 am	Coffee break
11.00 am – 11.30 am	Round table discussion Moderated by Jeremy Sweet (UK)
	Panel members: Ivo Frebort (Czech Republic), Tomasz Twardoswski (Poland) Elena Rákosy Tycan (Romania) Borut Bohanec (Slovenia)
1.00 pm	Lunch

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