

# The Pannonian Plant Biotechnology Association

is organizing a workshop on

## *“Plant Biotechnology and Stability of Crop Production in the Great Pannonian Region”*

in

**Piestany, Slovakia**

**April 17-19, 2007**

### Final circular

During this workshop the **PPBA would like to communicate its main goals, ideas and messages**. The Association welcomes everybody who is prepared to advance these aims. Efforts will be made to discover and introduce potential members who are committed to plant biotechnology research and who will undertake to propagate science-based results.

**The main topic** of the workshop will be the improvement of agricultural production stability with biotechnology tools in the Great Pannonian Region. This region has historically had enormous potential for agricultural production; its food production capacity is approximately 50 % higher than the needs of the population. However, the stability of food production is a major barrier to developing competitive agriculture at the beginning of the 21<sup>st</sup> century.

The participants at the workshop would like to introduce results and potential tools in the field of **plant biotechnology to improve the stress resistance of agricultural crops and to increase the capacity of agricultural production for non-food and bio-energy purposes**.

The first two days of the workshop will be held in Piešťany, Slovakia. The participants will visit the Agricultural Biotechnology Centre in Tulln, Austria on the third day. Transport can be provided for participants arriving at either Vienna or Bratislava Airport.

## Scientific Programme

### April 17th, Tuesday

Chairman: **Dénes Dudits (Hungary)**

10:30 **Opening remarks**

**Peter Ruckebauer (Austria)** Biotechnology cooperation in the Great Pannonian Region

11:00 **Jan Kraic (Slovakia)** Research activity of the Slovakian Agricultural Research Centre

11:30 **Don Erbach (USA)** Main trends in bioenergy research and industry

12:30 – 14:00 **Lunch**

Chairman: **Peter Ruckebauer (Austria)**

14:00 **Manfred Woergetter (Austria)** Biodiesel: European framework – state of the art – feedstock quality and supply

15:00 **Miklos Neményi (Hungary)** Increase of cellulose activity by microwave treatment

15:40 **Discussion of the bioenergy issue**

16:00 – 16:30 **Coffee break**

Chairman: **Domagoj Simic (Croatia)**

16:30 **Patrick Hayes (USA)** Tapping genetic diversity for marker assisted selection

17:30 - 18:00 **Zoltan Bedo (Hungary)** Pannonian Plant Biotechnology Association and the development of agriculture in the Great Pannonian Region

19:30 **Dinner**

### April 18th Wednesday

Chairman: **Vladimir Meglic (Slovenia)**

9:30 **Dénes Dudits (Hungary)** Functional genomics research of drought resistance in cereals

10:30 **Josip Kovacevic – Vera Cesar – Georg Drezner – Zorica Jurkovic – Alojzije Lalic (Croatia)** Stress physiology and agricultural characteristics of wheat and barley cultivars

11:00 – 11:30 **Coffee break**

**Chairman: Goran Bekavac (Serbia)**

11:30 **Ervin Balázs (Hungary)** Twenty years of virus resistant transgenic plants

12:30 **Aleksandra Nastasic – Mile Ivanovic – Bozana Purar – Goran Bekavac (Serbia)** Study of tolerance to rot causal agents in maize synthetic population

13:00 – 14:30 **Lunch**

**Chairman: Jan Kraic (Slovakia)**

14:30 **M. Budic – M. Sostaric – B. Cigic – V. Meglic – M. Kidric (Slovenia)** Characterisation of serine proteases associated with the response to water stress in common bean (*Phaseolus vulgaris*L.)

15:00 **Csaba Marton (Hungary)** Protection against corn rootworm (*Diabrotica* sp.) infection in corn production

15:30 **Bozana Purar – Goran Bekavac – D. Jorkovic – Aleksandra Nastasic (Serbia)** Corn redness syndrome - appearance, epidemiology and tolerance

16:00 – 16:30 **Coffee break**

**Chairman: Ervin Balázs (Hungary)**

16:30 **Goran Bekavac (Serbia)** Cycloxydim-tolerant Maize – Breeders standpoint

17:00 **Hrvoje Lepedus – Vera Cesar (Croatia)** Organization and function of plant cells and tissues upon the oxidative stress

17:30 **Ivan Cerny – Vladimir Pacuta – Martina Porubská – Marek Kovár (Slovakia)** Yield and quality of Chicory (*Cichorium intibus* L.) in dependence on variety and foliar application of Atonik and Polybor 150

18:00 **Closing remarks**

19:30 **Dinner**

**April 19th Thursday**

8:30 Leaving Piestany for Tulln IFA (Austria)

11:00 – 13:30 Visit of the IFA in Tulln led by Peter Ruckenbauer

13:30 Lunch

## Registration fee

Registration is free for PPBA members or supporting societies who join the PPBA during the meeting. The membership fee is 20 euro/year (10 euro/year for students). Membership fee is paid in Piestany or bank transfers should be made to:

The Pannonian Plant Biotechnology Association

IBAN Code: HU 28 1010 2952 5931 7200 0100 0008

BIC Code: BUDAHUHB

Bank: Budapest Bank, Székesfehérvár

## Hotel room reservation

Rooms have been reserved for the workshop participants in the hotel Satelit, Piešťany ([www.hotelsatelit.sk](http://www.hotelsatelit.sk)), where the workshop will be held. The price is cca 56 €/person/day for a single room and cca 46 €/person/day for a double room. The room price includes the cost of breakfast, lunch and dinner. The price also includes car parking costs.

## Organizing committee

**Dr. Ján Kraic** (President, Slovakia), **Professor Peter Ruckebauer** (Austria), **Dr. Domagoj Šimić** (Croatia), **Dr. Ervin Balázs** (Hungary), **Dr. Zoltán Bedő** (Hungary), **Professor Dénes Dudits** (Hungary), **Dr. Oana Danci** (Romania), **Dr. Goran Bekavac** (Serbia), **Dr. Juraj Faragó** (Slovakia), **Dr. Edita Gregová** (Slovakia), **Dr. Vladimir Meglič** (Slovenia)

In order to identify your payment kindly state the name of the participant in the payment details. Please bring proof of payment and indicate on the registration form if you require a receipt.

## Additional information and local workshop secretariat

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## Registration deadline April 6<sup>th</sup>, 2007

### How to get to Piešťany and Hotel Satelit

Information about the town Piešťany you can find in [www.piestany.sk](http://www.piestany.sk) and [www.pic.piestany.sk](http://www.pic.piestany.sk).

Information about the Hotel Satelit: Address of hotel: Námestie Jozefa Murgaša 3 (situated in the city center).

Additional information and direction how to get there you can find in [www.hotelsatelit.sk](http://www.hotelsatelit.sk).

Map of Piešťany with street searching you can find in [www.mapy.atlas.sk](http://www.mapy.atlas.sk).

**Please distribute this circular to any person who may be interested in the workshop topics**

<b>Workshop of the Pannonian Plant Biotechnology Association</b> <i>“Plant Biotechnology and Stability of Crop Production in the Great Pannonian Region”</i> Piešťany, April 17-19, 2007	
<b>REGISTRATION FORM</b>	
Title	
First Name	
Surname	
Institution	
Postal address	
City	
Postcode	
Country	
Phone	
Fax	
E-mail	
<input type="checkbox"/>	I am interested in the post-workshop tour to IFA Tulln, Austria (April 19, 2007)

I will require hotel accommodation
April 16/17, 2007
April 17/18, 2007
April 18/19, 2007
Receipt of payment required