

7th International Symposium in the Series

RECENT ADVANCES IN PLANT BIOTECHNOLOGY



PLANT BIOTECHNOLOGY: IMPACT ON HIGH QUALITY PLANT PRODUCTION

Stara Lesna, June 10-16, 2007
High Tatras, Slovak Republic

First Announcement

organized by

Institute of Plant Genetics and Biotechnology,
Slovak Academy of Sciences, Slovak Republic

and

Institute of Plant Molecular Biology,
Academy of Sciences of the Czech Republic, Czech Republic

Local Organizing Committee

Alena Gajdosova, Gabriela Libiakova, Anna Pretova, Jan Salaj

Symposium Secretary

Handles all queries regarding abstract submission, registration, accommodation and booking of air tickets for invited speakers.

Alena Gajdosova, Institute of Plant Genetics and Biotechnology
Akademicka 2, P.O.Box 39A,
Sympo 2007
950 07 Nitra, Slovak Republic
Phone: + 421/37 73 36659
Fax: + 421/37 73 36660
E-mail: alena.gajdosova@savba.sk

General Information

The symposium will be held in hotel Academia, which is the Congress Center of the Slovak Academy of Sciences in Stara Lesna, in the region of High Tatras.

(See: <http://www.hotelacademia.sk/en/>)

The High Tatras form the highest mountain of the Carpathian massif. The whole area belongs to the Tatra National Park, which is a state protected nature area. The mountains are especially attractive as a place of beautiful landscape, fresh air, and rich flora and fauna. For more information see: <http://www.tatry.net> or <http://tatry.region.sk>.

Official Language

The official language of the symposium will be English

Symposium Fee

Regular	(before February 28, 2007)	EUR 250
	(after February 28, 2007)	EUR 300
Accompanying persons	(before February 28, 2007)	EUR 130
	(after February 28, 2007)	EUR 150
Students*	(before February 28, 2007)	EUR 150
	(after February 28, 2007)	EUR 200

*Confirmation on student and/or PhD. position needs to be presented at the registration.

The registration fee includes all symposium documents, symposium proceedings, renting of lecture hall, poster tables, audiovisual facilities, coffee and tee during breaks, welcome dinner and special bus transport from Bratislava and Krakow to Stara Lesna.

The symposium fee does not include accommodation, meals, farewell party, excursion and the health insurance.

The fee for accompanying persons will cover all social events and excursions.

Grants

A limited number of grants for young scientists will be provided on the basis of a competition. The grants will cover conference fee. The grant requesters must send a structured curriculum vitae and the complete paper to be presented at the symposium to

Symposium Secretary till **February 28, 2007**. The basic criteria for grant ranking are quality of the paper and age up to 35 years. Selected applicants will be informed by **March 31, 2007**.

Accommodation and Meal

Hotel Academia and nearby Hotel Horizont will serve for accommodation. During symposium the hotel restaurants are available for meals.

Excursions

One day hiking tour to High Tatras and/or one day excursion to Demänovska valley - visit of Demänovska Cave of Liberty and Demänovska Ice Cave - is planned (according to participant's interest). Also an optional programme for accompanying persons is planned to allow them to enjoy High Tatras and surrounding area.

Note: For participation on excursions tourist dress, shoes and raincoat is recommended.

Social events

Welcome and farewell party (with dancing) will take place during our conference in hotel Academia.

Travel information

For your flights you can choose the following destinations:

Bratislava airport (Slovakia), (distance Bratislava - Tatranska Lomnica - Stara Lesna 350 km).

Kosice airport (Slovakia), there is also a possibility to take a flight to Kosice from Bratislava, Prague or Vienna (SkyLink – operated by SkyEurope). From Kosice airport to Poprad (Tatry) there is bus connection operated by CSA (distance Kosice - Poprad 80 km, Poprad - Stara Lesna 17 km).

Vienna airport-Schwechat (Austria) with a daily regular bus connection (Eurolines) between Vienna airport - Schwechat and Bratislava (Bus Terminal - Mlynske Nivy). The cost of one way fare is 10 EUR (400 SKK). Distance between Vienna-Bratislava is 67 km.

Krakow airport (Poland), (Krakow - Tatranska Lomnica 100 km).

Important note:

The organizer will arrange special bus transport from Bratislava and Krakow to Stara Lesna. Detail information will be available in the second announcement. If you will travel by your own, please inform organizers about your precise time and place of arrival and departure.

For flight information check the following webpages: www.skyeurope.com
www.airportkosice.sk
www.csa.cz

If you will travel by your own

Stara Lesna village is situated 3 km south from Tatranska Lomnica and about 17 km north from Poprad - easily accessible by train or taxi (20 min). Poprad is located north-east of Bratislava (approx. 350 km) on the main train route from Bratislava to Kosice. Another possibility is to take a bus from Bratislava Bus Terminal (Mlynske Nivy) to Tatranska Lomnica (or Poprad).

Note: Transport from Tatranska Lomnica to Stara Lesna can be arranged by car for interested participants (ask the organizer in advance).

PRELIMINARY SCIENTIFIC PROGRAMME

The symposium programme includes invited keynote lectures and short oral, as well as poster presentations. Selection of oral presentations will be made by the organizers based on submitted abstracts. The programme consists of five topics, each introduced by invited speaker:

1. Morphogenesis and embryogenesis in *in vitro* systems (*the mechanisms controlling plant regeneration processes during two main developmental pathways, i.e. organogenesis and embryogenesis, morphogenetic competence versus recalcitrance, genetic control of regeneration, identification of regeneration-related genes and markers, epigenetic control of regeneration, cell-to-cell communication during regeneration*).

2. Genetic transformation strategies for plant improvement (*development of novel and safer genetic transformation strategies, creation of agronomically important plants to strengthen science and industry, transgene expression, comparative studies between crops and model species*).

3. The quality control of regenerated plants (*validation of *in vitro* regenerated plants and regeneration processes, marker-assisted validation systems based on the high-throughput -omics technologies, assessment of genetic stability and true-to-typeness of *in vitro* generated plants, characterization of epigenetic status of *in vitro* generated plants, evaluation of *ex vitro* performance of *in vitro* generated plants as compared to the mother plants*).

4. Plant-pathogen interaction (*plant-pathogen interactions, plant infection mechanisms and host responses, the biology of plant diseases, the development of plant defence and control strategies, the role of molecular signals, the protein complexes and genes involved in plant defence responses, pathogen-related gene expression*).

5. Applied plant biotechnology (*molecular farming – plant-based production systems for preparation of recombinant proteins or metabolites valuable to medicine or industry, renewable resources, fully biodegradable polymers, improvement of food and fiber production, phytoremediation, marker assisted breeding, microarray-based analytical strategy of molecules*).

Symposium Publications

Symposium proceedings will be distributed at the registration desk at the beginning of the symposium comprising abstracts of keynote lectures (up to 6 pages) and abstracts of all presentations (strictly up to 1 page). Keynote lectures and original scientific papers (if they meet the selected scientific journal standards) will be published also in selected scientific journal.

Letter of Invitation

The Organizing Committee will be pleased to send a letter of invitation to any participant on request. It is understood that such an invitation is intended to help potential participants to raise travel funds or to obtain visa. Such a letter does not commit the Organizers to cover any expenses of the participants.

The Organizing Committee recommends to use the existing bilateral academical and/or cultural agreements among countries to get financial support for scientific exchange visit/participation on the symposium. Please contact responsible authorities in your country.

Disclaimer

The Organizing Committee accepts no liability for injuries/losses of whatever nature incurred by participants and/or accompanying persons, nor loss of, or damage to, their luggage and/or personal belongings.

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PRELIMINARY REGISTRATION FORM

The 7th symposium in the series "Recent Advances in Plant Biotechnology"

PLANT BIOTECHNOLOGY: IMPACT ON HIGH QUALITY PLANT PRODUCTION

Please **return** as soon as possible, preferably **before December 31, 2006**.

Please print or use typewriter

Family name: Title (Prof., Dr., student):

First name: Mr. Mrs.

Institution:

Address:

Code/City: Country:

Phone: Fax:

E-mail:

Title of the presentation:

Lecture: Poster: Session No.

(Lectures or posters are subject to alteration according to time availability).

Interest in publishing of contribution in PCTOC: yes no

Accompanying persons: Mr. Mrs. Child

Participation on excursion: yes no

Deadlines:

Preliminary registration form - **December 31, 2006**

Final registration and payment - **February 28, 2007**

Abstract submission - **March 31, 2007**