



**AKTION ÖSTERREICH - TSCHECHISCHE REPUBLIK**  
*Wissenschafts - und Erziehungskooperation*  
**AKTION ČESKÁ REPUBLIKA - RAKOUSKO**  
*spolupráce ve vědě a vzdělávání*

**PROJEKTABSCHLUSSBERICHT / ZÁVĚREČNÁ  
ZPRÁVA PROJEKTU**

**Einreichstelle für Österreich und Tschechien:  
Místo pro podávání návrhů projektů pro ČR i Rakousko:**

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**Projektnummer/číslo projektu:**

**64p14**

**Projektbezeichnung / Název projektu** (auf Deutsch oder English und auch Tschechisch / německy nebo anglicky a také česky,  
max. 120 Zeichen/znaků):

**Role of plant hormones in developmental and stress signalling/Role rostlinných  
hormonů ve vývoji a signalizaci stresu rostlin**

**Antragsteller (Name, Titel, Funktion) / Předkladatel (jméno, titul, funkce):**

**M. Sc. Danuše Tarkowská, Ph.D., senior researcher/Mgr. Danuše Tarkowská, Ph.D., vědecký  
pracovník**

*Universität o. sonst. Institution / Univerzita či jiná instituce:*

*Palacký University Olomouc/ Univerzita Palackého v Olomouci*

*Fakultät / fakulta: Faculty of Science/Přírodovědecká fakulta*

*Institut / Katedra n. institut: Laboratory of Growth Regulators/Laboratoř růstových regulátorů*

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**Projektpartner (Name, Titel, Funktion) / Partner spolupráce (jméno, titul, funkce):**

**Univ.Dož. Dr. Irute Meskiene, Group Leader**

*Universität o. sonst. Institution / Univerzita či jiná instituce: Medical University of Vienna*

*Fakultät / fakulta: Max F. Perutz Laboratories*

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*Abschlissenachricht des Projektes / Závěrečná zpráva projektu – max. 3 pages:*

The project with above mentioned title was fulfilled mainly in following points:

1. short term visits of labs in Olomouc and Vienna
2. presenting seminars in Olomouc and Vienna

The measurement of plant hormones in Olomouc and data analysis were not performed due to the climate chambers at MFPL (Vienna), which were demolished and therefore plant material for experiments could not be prepared.

In April 2013, Doz. I. Meskiene (group leader), V. Schubchynskyy (Ph.D. student, Medical University of Vienna) and Dr. A. Schweighofer (senior researcher, University of Vienna) visited University of Olomouc and also the CENTRE OF THE REGION HANÁ FOR BIOTECHNOLOGICAL AND AGRICULTURAL RESEARCH (CRH). The visit led to deeper discussions on different aspects of plant research, such as stress responses, hormone and inhibitor research, cell biology studies and biotechnological applications with different scientists at the Biocentre. On Friday 05. 04. 2013 the Lecture about “*Cell Signalling by MAPKs to Plant Defence and Hormone Control in Arabidopsis*” was given in auditorium SE-E1 to approximately 50 scientists of the Biocentre and Palacký University.

In May 2013, Dr. Danuše Tarkowská (Laboratory of Growth Regulators/ Faculty of Science, Palacký University Olomouc) visited twice Max F. Perutz Laboratories Medical University of Vienna, MFPL, as well as other institutes of Vienna Biocenter-VBC (Gregor Mendel Institute, GMI and Institute of Molecular Biology Austrian Academy of Science, IMBA). These visits provided information and understanding about the capacities, infrastructure and services provided on the campus. Discussions on specific aspects of plant research, such as growth and development, stress responses, growth and stress hormones in plant and their analysis methods took place at the Biocentre.

The lecture on “*Brassinosteroids – growth-promoting substances*” had been given on Tuesday 14. 05. 2013 at 10 a.m. in SR1 on 6th floor of MFPL building. The students and group leaders of MFPL as well as from other departments of Vienna University were attending the lecture.

During the second visit, the experiment that were discussed initially in April 2013 in Olomouc during Vienna group visit by a PhD student Volodymyr Shubchynskyy, were continued at MFPL, Vienna. The tour to the main building of the University of Vienna took place as well as visits to historical and cultural places of Vienna city. Cultural program included visit to Wiener Staatsoper and surroundings of Vienna.

Olomouc, 25. 6. 2013

Wien, 26.6. 2013

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Ort, Datum, Unterschrift des Antragstellers  
Místo, datum, podpis předkladatele

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Ort, Datum, Unterschrift des Projektpartners  
Místo, datum, podpis partnera projektu