



Programme of the Annual Meeting of the project „REMOROST“
(Regulation of morphogenesis of plant cells and organs)

Třešť, September 14-16, 2011

Music Hall – Hudební salonek

14.9.2011 - We

10:00-11:30	Rendezvous
11:30-12:30	Lunch
12:30-19	Round trip - Telč Trains to 13:23; 14:32; 15:34 and back 16:04; 18:04 (20:28), Bikes 15 km
19:00-20:30	Welcome buffet supper

15.9. 2011 - Thu

9:00 - 9:10	Opening Address -Zažímalová Eva
	<u>Section 1 - Models, methods</u> Chairman : Novotná Zuzana
9:10-9:30	Ribeiro Jose: Canola as a model plant to study hormone responses: Proteomic approach
9:30-9:50	Šantrůček Jiří: The use of iTRAQ labelling for plant protein quantification
9:50-10:15	Kašík Ivan: Fiber-optic detection of pH
10:15-11:15	Coffee Break
	<u>Section 2 - Auxins</u> Chairman : Brzobohatý Břetislav
11:15-11:35	Petrášek Jan: News on the trafficking of PIN auxin efflux carriers
11:35-11:50	Balla Jozef: Competitive canalization of PIN-dependent auxin flow and pea (<i>Pisum sativum L.</i>) axillary bud growth initiation
11:50-12:10	Hoyerová Klára: New insights into auxin transport on cellular level supported by means of mathematical-modelling
12:10-13:45	Lunch
	<u>Section 3 - Cytokinins</u> Chairman : Hejátko Jan
13:45-14:05	Žižková Eva: Cytokinin profiles in evolutionary older organisms: cyanobacteria and algae
14:05-14:30	Kuderová Alena: Identification of genes encoding cytokinin receptors from <i>Brassica napus</i>

14:30-14:55	Žďárská Markéta: Specificity of the Arabidopsis shoot and root response to cytokinins
14:55-15:10	Černý Martin: Proteomic profiling of heat- and cold-shock responses in Arabidopsis indicates cross-talk between temperature and cytokinin perception
15:10-16:10	Coffee Break
16:10-16:25	Skalák Jan: Modulation of heat-stress responsive proteome in transgenic <i>Arabidopsis thaliana</i> plants with inducibly-increased levels of endogenous cytokinins
16:25-16:40	Řeková Alena: Interaction of light with cytokinin in regulating the elongation of the Arabidopsis hypocotyl
16:40-17:00	Nisler Jaroslav : Effect of CKX inhibitors on nodulation of pea
17:00-17:20	Kamínek Miroslav: Improved determination of cytokinin oxidase/dehydrogenase activity in xylem sap by elimination of substances entrapping enzyme substrates and products
18:30	Grill party, Sightseeing tour Trest

16.9. 2011 - Fri

7:30-8:45	Snídaně
	Section 4 - Cellular aspects of plant development Chairman : Matěj Vlastimil
9:00 -9:20	Cenklová Věra: Function of plant Aurora kinases in plant development
9:20-9:40	Hála Michal: Role of exocyst subunits in morphogenesis of <i>Physcomitrella patens</i>
9:40-10:00	Synek Lukáš: Alternative EXO70 subunits in <i>Arabidopsis thaliana</i>
10:00-11:00	Coffee Break
	Section 5 - Phospholipid signalling pathway Chairman : Kašík Ivan
11:00-11:20	Pejchar Přemysl: Distinct phospholipases regulate the initiation and maintenance of pollen tube tip growth
11:20-11:40	Pleskot Roman: Interaction of actin-capping protein with signalling phospholipids
11:40-11:50	Zažímalová Eva: Concluding remarks What has Remorost given us and taken away from us ☺
12:20-14:00	Lunch

