



**Thursday, February 19, 2015**

**CRC 973**

P01	Regulation of environmental stress memory in <i>Arabidopsis</i> through the microRNA pathway	Project A02
P02	Deacclimation after cold acclimation (cold priming) in natural accessions of <i>Arabidopsis thaliana</i>	Project A03
P03	CDPKs in priming in response to low temperature in <i>Arabidopsis thaliana</i>	Project A04
P04	Identification and characterization of thermomemory-transcriptional regulators	Project A05
P05	Priming of anti-herbivore defence of elm by leaf beetle egg deposition: Transcriptome profiling of the priming process by qPCR and RNA-seq	Project B01
P06	Plant-mediated effects of herbivore oviposition on the performance of corresponding larvae in two solanaceous model systems	Project B02
P07	Priming of defense in <i>Nicotiana attenuata</i> plants by aboveground herbivory against subsequent belowground herbivory	Project B03
P08	The plant's transcriptome "forgets" a reliable stress signal when it ceases, but "remembers" an unspecific past stress when exposed to herbivory	Project B04
P09	The cytokinin status primes light-dependent seed germination in <i>Arabidopsis thaliana</i>	Project C01
P10	Priming in biotic stress responses mediated by CDPK signaling	Project C02
P11	Impact of pathogenic leaf-associated bacteria on metabolic priming of <i>Arabidopsis</i> for a defense response	Project C03
P12	The chloroplast antioxidant system serves as a priming hub mediating cold tolerance	Project C04
P13	Priming in <i>Escherichia coli</i> : hydrogen peroxide pretreatment enhances survival to lethal dosis	Project C05

**External presentations**

P14	EU-OPENSREEN – A European infrastructure for enabling innovative Chemical Biology research	Torsten Meiners
P15	Primed seeds do not forget: Priming memory and stress tolerance	Rajeev Arora
P16	The plant proteasome is required for local and systemic defense responses and acts as a virulence target of bacterial type-iii effector proteins	Suayib Üstün
P17	Abundant chloroplast RNA binding proteins are essential for early chloroplast development in the cold	Christian Schmitz-Linneweber
P18	Comparative ChIP-seq analysis for a floral master regulatory transcription factor in two <i>Arabidopsis</i> species	Jose M. Muiño
P19	Why some like it on the rocks: Recurring stresses select for organisms with manifold protective pigments	Anna A. Gorbushina
P20	A root endophyte induces tolerance to root herbivory in rice	Marco Cosme