



Director of Central European Institute of Technology CEITEC-MU is announcing a selection procedure for the positions of:

Post-Doc Position

Hormonal Regulation of Plant Cell Wall Metabolism

CEITEC - Central European Institute of Technology, Brno, Czech Republic

We are seeking outstanding applicants for **2 postdoc** positions, who are willing to accept the challenge of working on highly competitive project in the field of **hormonal regulations of plant cell wall properties** in the **Group of Functional Genomics and Proteomics of Plants** at CEITEC MU, Brno, Czech Republic.

The Group of Functional Genomics and Proteomics of Plants (FGPP) under supervision of **Jan Hejatko** is interested in studies of molecular mechanisms underlying hormonal regulations of several aspects of plant development. We are employing *functional genomics, proteomics, advanced imaging and structural biology* approaches in the study of cytokinin signalling and action and the interaction of cytokinin (CK) signalling pathways with other factors, particularly auxin and light; for more details see <http://www.ceitec.eu/ceitec-mu/functional-genomics-and-proteomics-of-plants/rg46>.

Two postdoc positions, each for **2 years**, are opened in frame of an international project dedicated to elucidating the role of plant hormones **cytokinins** in the regulation of **plant cell wall metabolism**. The other project partner is **Thorsten Hamann, Norwegian University of Science and Technology**, Trondheim, Norway.

The applicants should be **highly motivated researchers** willing to invest high amounts of time and efforts into their immediate future. The project is **highly competitive** and as based on our preliminary results, it promises to identify **plant regulatory mechanisms of fundamental importance** in plant development.

The approaches used will include mostly **molecular biology** with high emphasis on **advanced *in vivo* imaging** including **fluorescence, confocal and atomic force microscopy**. **The previous experience of candidates in those or related approaches is appreciated, but not conditional.**

Both **positions are available immediately.**

We offer well equipped labs, high-end instrumentation and plant cultivation facilities, an inspiring work atmosphere in a young institution with competitive salaries.

If you are interested in applying, please send us your **CV** including a list of **publications** and obtained **research grants** (if any) to veronika.paulikova@ceitec.muni.cz. Electronic applications are expected due 30/06/2015.