POSTDOC POSITION in the FENDRYCH LAB
Dpt. Experimental Plant Biology,
Charles University, PRAGUE, Czechia:

Unraveling the molecular network that drives cell growth in plants

The project will focus on cell elongation using the root of Arabidopsis thaliana, and advanced live-cell imaging and microfluidics in combination with gene discovery approaches. Root growth can respond to stimuli in seconds, but the underlying molecular pathways are not understood (PMID: 29942048). How do cells regulate growth, cell wall pH, turgor during development and in response to auxin?

We are seeking an enthusiastic scientist with the expertise in *plant physiology and developmental biology *live-cell imaging, fluorescent sensors construction and usage, image analysis *molecular biology, protein-protein interactions *NGS approaches.

For more information, please contact Matyas Fendrych
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Start of the project: January 2019