

# IGZ Colloquium

Tuesday, 29<sup>th</sup> of October 2019, 1 PM  
Lecture room Grossbeeren

## Dr Vanessa Wahl

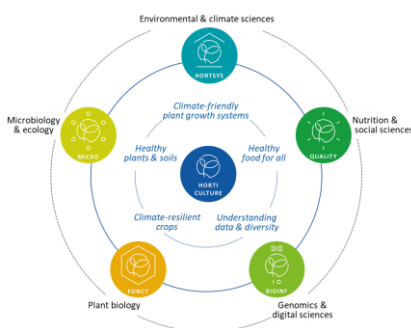
Max Planck Institute of Molecular Plant Physiology

# Resource-demanding developmental transitions in *Arabidopsis thaliana* and *Solanum tuberosum*

The research group of Dr Vanessa Wahl focuses on how the metabolic and nutritional status modulates developmental transitions in plants. There is a particular interest in processes happening at the shoot apex that regulate meristem size and the timing of e.g. the floral transition. They use *Arabidopsis thaliana* as a model system in order to understand the basic mechanisms, but are extending the knowledge gained to study the regulation of developmental transitions in the crop species *Solanum tuberosum* (potato) and the ornamental species *Chrysanthemum*. Dr Vanessa Wahl will present recent findings on how the availability of sucrose or nitrate affect plant development (e.g. Musialak-Lange et al., in prep.; Olas et al., *New Phytologist*, 2019).

Moderator  
Katja Jäger

For more information, contact Katja Jäger



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The mission of the IGZ is to make fundamental advances in understanding of plant systems to accelerate the development of sustainable horticulture.