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Webinar « Development and Adaptation »

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Physiology and immunity of *Brassicaceae* hydathodes upon infection by bacterial pathogens

Hydathodes are leaf organs present in all vascular plants where they mediate guttation. These organs provide a facilitated access to plant inner tissues including xylem vessels. Hydathodes are thus preferred infection sites for several bacterial vascular pathogens such as *Xanthomonas campestris* pv. *campestris* (*Xcc*), the causal agent of black rot disease in *Brassicaceae*. Our goal is to unravel the physiology and immunity of hydathodes in *Arabidopsis* and cauliflower using metabolomic and transcriptomic approaches in healthy and infected hydathodes. Latest results will be presented.

