



Departmental Seminar

Learning plant learning

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Despite their seemingly simple morphology and architecture, plants possess remarkable abilities to perceive and integrate complex cues and signals, enabling sophisticated behaviors. Recent findings suggest that plant behavior involves active learning processes. This seminar will briefly highlight newly discovered plant abilities to make adaptive decisions based on the perception and learning of information related to

imminent challenges and opportunities. While our understanding of plant learning and behavior is rapidly expanding, the underlying mechanisms remain largely preliminary. This calls for detailed investigations into the involved controls and their implications for plant development, growth, and reproduction in realistic ecological and agricultural settings.