

IIGB Seminar Speaker

You are cordially invited to attend:

Jörg Kudla

Professor

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“Plant signaling in response to rhizospheric ion fluctuations”

Date: Wednesday, December 7, 2022

Time: 2:00 pm - 3:00 pm

Location: Genomics Auditorium I 102A

Host: Dr. Katie Dehesh

Abstract: “Plant ion homeostasis and dynamics is crucially dependent on root mediated uptake from the soil. Historically the consequences of ion over- or undersupply have been - for good reasons -largely studied in the context of long-term adaptation to specific soil types. However, since all ionic nutrients and toxic cations are taken up as solutes in water, fluctuations in soil water content result in frequent and pronounced variations of rhizospheric ion concentrations.”