

Institute of Integrative Genome Biology Seminar Series

**You are cordially invited
to attend:**

Dr. Nitzan Shabek

Associate Professor of Plant Biology
University of California, Davis



Structural plasticity in MAX2/D3 ubiquitin ligase facilitates
strigolactone & KAI2-mediated signaling pathways

Date: Friday, June 16th

Time: 12:00 noon

Location: Genomics Auditorium 1102A

Abstract: Strigolactones (SLs) are a unique and novel class of plant hormones that regulate numerous processes of growth and development. Besides their endogenous functions in regulation, SLs are exuded by plant roots to stimulate critical interactions with symbiotic fungi. SL perception and signal propagation are coordinated by three proteins, D3/MAX2 ubiquitin (Ub) ligase, D14 α/β hydrolase, and D53/S.