



TESSA BURCH-SMITH

Beyond defense: glucosinolates as signals for regulating intercellular communication

Glucosinolates are well-known defense molecules in Brassicaceae and the model plant *Arabidopsis thaliana*. We have found that they are also important signaling molecules that function in regulation of intercellular trafficking via plasmodesmata.

Spring 2021 PSLA

LECTURE

SERIES

March 29, 2021

**SEMINAR takes place
live via**

[UMD Zoom](#)

Time:

12PM

I received my PhD from Yale University in 2006 then went on to a post-doc Fellowship at UC Berkeley with Dr. Pat Zambryski. In 2012 I joined the University of Tennessee as an Assistant Professor and have been an Associate Professor since 2019. My research interests are plant cell and molecular biology, focusing on intercellular communication.