

PLANT PATHOLOGY 250 SEMINAR SERIES



Speaker: Dr. Nicolas Corradi, Associate Professor, Department of Biology, University of Ottawa

Seminar Title: “The Genetics of Arbuscular Mycorrhizal Fungi”

Date: Thursday November 12th, 2020

Time: 12:00-12:50 pm

Seminar Presented Via Zoom:

<https://ucr.zoom.us/j/91605321917?pwd=UFBkRUVMbXVBQWN6c2lwSXdQc2l4UT09>

Meeting ID: 916 0532 1917 Passcode: PLPA250

Abstract: The genetics of arbuscular mycorrhizal fungi (AMF) are notoriously difficult to study. In particular, their perpetual multinucleated state, with thousands of nuclei floating in the same cytoplasm, and their obligate biotrophy, makes it difficult to isolate good quality DNA and capture information about their nuclear complexity and overall biology. My presentation will discuss how the latest advances in the field of genomics and single cell/nuclei isolation is now shifting long held paradigms regarding the genetics and (para)sexual potential of these organisms.

Faculty Host: Dr. Sydney Glassman; sydney.glassman@ucr.edu