



CAES SEMINAR SERIES

In person and on Zoom:

<https://us02web.zoom.us/j/88145489970?pwd=UUtkEdJZWdPWlpmMmhLVms5bmFUZz09>

Meeting ID: 881 4548 9970

Passcode: W0THRd

“Perspectives, Development, and Application of Nano-Plant Virology”

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Friday, June 10, 2022

12:00 p.m. to 1:00 p.m.

Food and coffee will be available at 11:45 a.m.

Jones Auditorium
The Connecticut Agricultural Experiment Station
123 Huntington Street, New Haven, CT

The existence of plant viruses is a significant constraint on crop production and is expected to cause a substantial annual loss on a global scale. However, recent progress in understanding plant viruses has increased the likelihood of efficient mitigation methods. Nanotechnology emerged as a strategy to fulfil the demand for sustainable agriculture against highly destructive plant viruses. Researchers are working on three crucial management strategies involving nanotechnology: detection, prevention, and treatment. There are many advantages of using nanoscale methods compared to conventional approaches, some of which will be explored here. This seminar focuses on developing and applying nanotechnology for plant virus detection, prevention, and treatment. Also, in this seminar, you will learn how plant viruses can become useful nanomaterials for various applications.