



MMI 291 Seminar Series

Current Theme: Interdisciplinary Research
Fall Quarter 2019 – CRN 51546



Friday Seminar – 12:10-1 p.m.

“Human Viruses in Food Systems: A Food Safety Issue”

Research

Dr. DiCaprio's area of expertise is in microbial food safety, with emphasis on foodborne viruses. Viruses are a leading cause of foodborne disease and high risk foods for viral contamination are fresh produce, shellfish, and ready-to-eat foods. Her research is focused on determining the mechanisms by which fresh produce is contaminated by foodborne viruses during production and processing and which biological and environmental factors influence viral persistence in these foods. She is also working on the development of methods to inactivate foodborne viruses in fresh produce and other high risk foods.

Publications

DiCaprio E., Y. Ma, A. Purgianto, J. Hughes, and J. Li. 2012. Internalization and dissemination of human norovirus and animal caliciviruses in hydroponically grown romaine lettuce. *Appl Environ Microbiol.* 78(17):6413-52.

DiCaprio E. 2017. Recent advances in human norovirus detection and cultivation methods. *Curr Opin Food Sci.* 14:93-97.

October
18



Erin Leigh DiCaprio, Ph.D.
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University of California, Davis

October 18, 2019
12:10 – 1 p.m.
GBSF 1005

Medical Microbiology
& Immunology
School of Medicine

Seminar Contact:
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We hope to see you there!