

UNIVERSITY  
of GUELPH

COLLEGE of  
BIOLOGICAL SCIENCE

DEPARTMENT OF MOLECULAR  
AND CELLULAR BIOLOGY

# Seminar SPEAKER SERIES

2021-2022

**NOV** **WED**  
**10** **10**<sup>30</sup>  
**AM**

Virtual via MS  
Teams

## DR. CHRISTIAN DANVE M. CASTROVERDE

ASSISTANT PROFESSOR, DEPARTMENT OF BIOLOGY, WILFRID LAURIER UNIVERSITY

The plant immune system amidst global warming: Mechanistic insights into temperature regulation of plant defence

Danve is currently an Assistant Professor and Principal Investigator in the Department of Biology at Wilfrid Laurier University (Waterloo, Canada). His research program centres around understanding plant immunity and plant defense mechanisms under changing environmental conditions. He obtained his BSc at the University of the Philippines Diliman, working as an undergraduate thesis student for Dr. Cynthia Hedreyda. He then completed his MSc and PhD degrees at the University of Guelph under the supervision of Dr. Jane Robb and Dr. Ross Nazar, working on tomato plant defence mechanisms against the vascular fungal pathogen *Verticillium dahliae*. Before joining Laurier, Danve worked as an NSERC Postdoctoral Fellow at the Department of Energy Plant Research Laboratory and Plant Resilience Institute at Michigan State University in the laboratory of Dr. Sheng Yang He (Howard Hughes Medical Institute Investigator). There, he characterized regulatory mechanisms of plant immune signaling and bacterial pathogenesis in *Arabidopsis thaliana* under aberrantly elevated temperatures.



All welcome to attend

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