

# The 50th AJI Frontier Seminar

Date

December 13, 2022 Tuesday  
13:30-14:30

Presentation:  
**Dr. Mufidah Afiyanti**  
College of Life Sciences, Ritsumeikan  
University / Senior Researcher



## Regulation of Antioxidants and Nitric Oxide in Plants and Their Application to the Development of Organic Pesticides

Plants are constantly exposed to both biotic and abiotic stress during their lives. The regulation of antioxidants and nitric oxide plays a pivotal role in plants' growth and defense mechanisms. The development of bio-stimulants and low molecular weight plant-based pesticides which involve the regulation of nitric oxide and antioxidant-related genes and activities are proposed.



**Registration**

<https://tinyurl.com/2crcfpud>



**Moderator: Dr. Ho Thanh Tam**

(Senior Researcher, Ritsumeikan Asia-Japan Research Organization,  
Ritsumeikan University)