

137th WPI-IIIS Seminar

Fusicoccin: A Fungal Metabolite that Regulates 14-3-3 Proteins

Low-molecular-weight agents that disrupt and stabilize protein-protein interactions (PPIs) are highly desirable for elucidating cellular events as well as for pharmaceutical application. However, it remains a difficult challenge to rationally design and develop such molecules due to the highly dynamic interfaces. This presentation will focus on a fungal metabolite called fusicoccin, and describe our recent efforts on designing chemical probes, inhibitors, and stabilizers of 14-3-3-PPIs exploiting this unique natural product.



Dr. Junko Ohkanda

Academic Assembly, Institute of Agriculture
Shinshu University

Date: **Tuesday, October 23, 2018**

Time: **12:00 – 13:00**

Venue: **1F Auditorium, IIIS Building**



IIIS

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