

109th WPI-IIIS Seminar

Power of natural products to uncover molecular mechanism of biological systems

Approaching biological problems from the perspective of a small molecule presents a unique way of overcoming the limitations of classical genetics. The enormous diversity of microbial metabolites provides the foundation of chemical biology. However, a large number of their unique targets still await discovery. We succeeded in discovering a variety of microbial metabolites, each exhibiting a specific mode of action at inhibiting processes of the eukaryotic gene expression. These molecules have proven both valuable biological probes to greatly enhance our understanding of the regulatory mechanisms in eukaryotic cells, and also important leads in the development of novel medical therapies.



Dr. Minoru Yoshida

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Date: **Wednesday, April 5, 2017**

Time: **12:00 – 13:00**

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



IIIS

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