

***Dear Faculty, Postdocs, Students, and Friends:***

***You are cordially invited to attend an in-person seminar presented by  
the Institute for Integrative Genome Biology***



**Dr. Yi Tang**

***Professor of Chemistry & Biochemistry  
UCLA***



**TITLE:**

***“Mining Small Molecules from Plant-Fungi Interactions”***

**DATE: Friday, March 4, 2022**

**TIME: 12:00 pm PST**

**LOCATION: Genomics Auditorium, Room 1102A**

***Host: Dr. Sean Cutler***

**Abstract:** Genome-guided mining of natural products from microorganisms can lead to discovery of new bioactive molecules. In this talk, I will describe recent efforts in my laboratory to identify fungal natural products that are involved in plant-microbe interactions. Examples include: 1) discovery of a new herbicidal compound with a novel mode of action; 2) mapping the small molecule metabolome of a widely used biocontrol fungus; and 3) assigning biological activities to fungal metabolites that improve plant fitness.