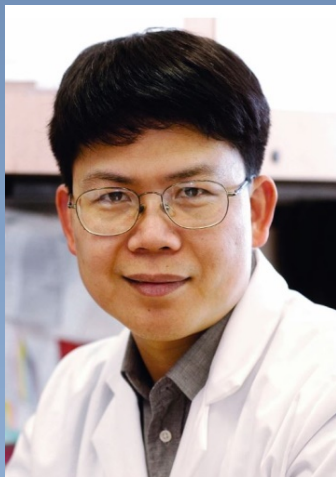


79th WPI IIS Seminar

The dark side of DNA

- Immune and autoimmune responses to cytosolic DNA -

The presence of DNA and aberrant RNA in the cytoplasm is a danger signal that alerts the host immune system to eliminate microbial infections, but inappropriate activation of these pathways can also lead to autoimmune diseases such as lupus. My talk will focus on our recent work on the discovery of a new innate immune sensor for cytosolic DNA, and a novel second messenger that triggers the production of type-I interferons and other inflammatory cytokines. I will also discuss the roles of this pathway in autoimmune diseases and cancer immunotherapy.



Speaker:

Dr. Zhijian Chen

Center for Genetics of Host Defense
UT Southwestern Medical Center / HHMI
USA

Date: Monday, June 13, 2016

Time: 12:00 - 13:00

**Venue: 1F Auditorium, IIS Building
University of Tsukuba**

☆Light refreshments will be served.



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