Title: How RIG-I and MDA5 detect viral RNAs

Abstract:

The ability to distinguish “self” from “non-self” is fundamental to proper functioning of both the innate and adaptive immune systems. Several *pattern recognition receptors (PRR)*in the innate immune system are responsible for the initial detection of foreign molecules associated with pathogens such as bacterial cell wall components or viral nucleic acids. In this talk, I will describe our recent progress on the structural and biochemical mechanisms of one such family of viral RNA receptors, RIG-I and MDA5.



**세미나 일정 : 2014년 4월 17일 오전 11시 송재관(의대) 1층 제 6강의실**

**연자 : 허 선 교수**

소속: Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School