

## **Strategies for Cytosolic Surveillance of Bacterial Pathogens**

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Work in the past decade has established that mammalian cells use germline-encoded receptors to detect bacterial pathogens or their products in the cytosol. My lab is particularly interested in a class of cytosolic immunosurveillance receptors called NAIPs. These sensors detect specific bacterial products and assemble into a multiprotein complex called the inflammasome. In my seminar, I will present our latest research on the function of the NAIP inflammasomes in vivo