

27.06.16, Hao Wu, Boston Children's Hospital, Boston, MA, USA

**Title: Structural elucidation of innate and adaptive immunity**

**Abstract:** My laboratory has been interested in the molecular mechanism of fundamental processes that govern immunity. In this talk, I will present our recent studies on inflammasomes which activate caspases to induce cell death and inflammation in innate immunity, and on the recombination activating gene (RAG) complex that generates antibody diversity during lymphocyte development in adaptive immunity.