Theo Klein  
Postdoc in Overall Lab

"MALT1 cleaves HOIL1 to reduce linear ubiquitination and put the brake on NF-kappaB activation in lymphocytes"

MALT1 is a known positive regulator of antigen receptor signalling in lymphocytes. By performing TAILS proteomics on B cells from a MALT1 deficient patient we discovered MALT1 cleaves HOIL1, leading to loss of linear ubiquitin chains and dampening of lymphocyte NF-kappaB activation.

Piyushkumar Kapopora  
Postdoc in Conway Lab

"The functional role of MAP kinase-activated protein kinase 2 (MK2) in cardiovascular remodeling and dysfunction"

The role of MK2 in adverse remodeling and endothelial regeneration of the arterial wall after injury and aging-induced cardiac remodeling and dysfunction.