

RIP kinase 1 in the regulation of cell death, inflammation and cancer

RIP kinase 1 (RIPK1) regulates inflammatory and cell death signaling and has important functions in health and disease. RIPK1 kinase activity induces cell death by triggering apoptosis and necroptosis. In addition, RIPK1 exhibits kinase-independent functions that are important for cell survival and the maintenance of tissue homeostasis. In this talk will discuss our recent work on the role of kinase-dependent and -independent functions of RIPK1 in the regulation of cell death and the pathogenesis of inflammatory diseases and cancer.