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Monday, May 20th, 2019 – 12h15

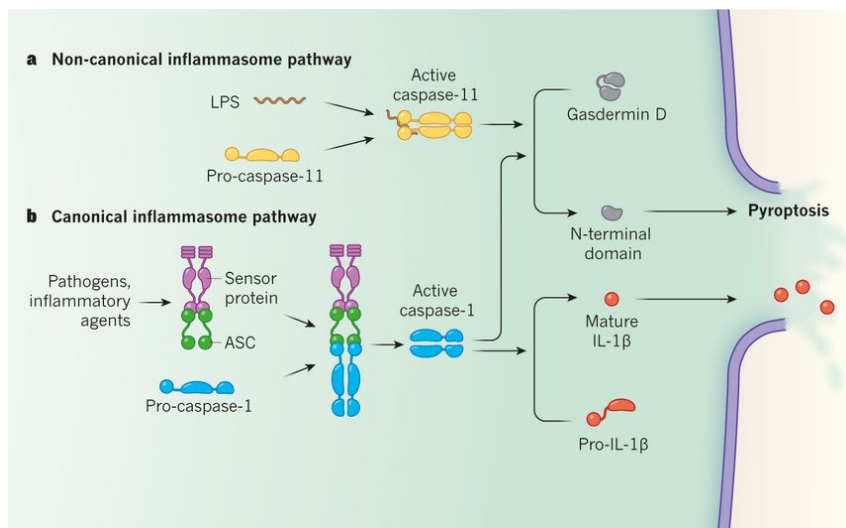
Department of Physiology, Bugnon 7, 1005 Lausanne
Seminar room, 6th floor

Mechanisms and regulation of gasdermin-induced cell death

Prof. Petr Broz, Ph.D

Department of Biochemistry

Host : Prof. Christian Widmann



Pyroptosis is a lytic form of cell death that is induced by inflammatory caspases upon activation of the canonical or noncanonical inflammasome pathways. These caspases cleave gasdermin D to generate an N-terminal gasdermin D fragment, which executes pyroptosis by forming membrane pores. Here we will discuss new insights into the initiation and execution of pyroptotic cell, and the regulatory mechanism that control gasdermin activation and pore formation.