



Invited Speaker



Daniel W. McVicar, Ph.D.

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“Macrophage Effectors gone Mad: Nitric Oxide and Itaconate in Macrophage Metabolic Reprogramming”

Dr. McVicar’s laboratory studies the regulation of innate immune cell metabolism and function in cancer. His research team uses a variety of cellular and molecular techniques to understand the biology and biochemistry of a variety of receptor systems including the triggering receptors expressed on myeloid cells (TREM) that regulate neutrophils, macrophages, monocytes, dendritic cells and platelets, and the killer Ig-like receptors (KIRs) that regulate natural killer (NK) cells. Components of signaling cascades identified by the laboratory are interrogated using murine models of infection and/or inflammation-associated cancers including hepatocellular carcinoma and colorectal cancer.

Date: Friday, December 13th, 2024
Time: 10:00 h
Location: BRICS, seminar room 046
Host: Karsten Hiller (Department of Bioinformatics and Biochemistry)