Title of Research Project: Role of protein and lipid signaling in connection to autophagy
Area of Research Focus: Lipidomics
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Description:

Autophagy refers to a process in which intracellular membrane structures sequester proteins and organelles for degradation by lysosomal enzymes. At present, the involvement of autophagy in cell death, including both apoptosis and necrosis, as well as in cancer development has not been fully elucidated. Recent findings including those from our own laboratories have demonstrated that autophagy generally serves as a cell survival mechanism in suppression of stress-mediated necrosis, a process implicated in the anti-cancer function of autophagy.

We have an opening for a PhD student to study the role of protein and lipid signaling in connection to autophagy.

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