

MUI Lecture Series

Molecular mechanisms coordinating nutrient transporter endocytosis with cellular physiology

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CCB - M.01.470
Innrain 80-82,
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We are interested in understanding how cells adapt to nutrient fluctuations in the extracellular environment. Defects in this adaptation result in metabolic imbalances that are common denominators of diseases ranging from obesity to cancer. In our work we focus on understanding the molecular mechanisms that regulate nutrient transporter expression and their ubiquitin dependent downregulation and how this processes control nutrient uptake when glucose is abundant or limiting.



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