

Johns Hopkins University

Department of Biology Special Seminar

Monday, 1:30pm

For more information go to: <https://bio.jhu.edu/events>

Zoom link: <https://zoom.us/j/97925356454?pwd=bjNuTlY1dU9BcXcrRFdleis2TVNadz09>

March 18th, 2024 - Mudd 100



Angela Hancock

Independent Group Leader

Max Planck Institute for
Plant Research

Host: Rajiv McCoy

“Molecular mechanisms of adaptation to novel environments”

An organism’s metabolism and growth are determined by a complex interplay of environmental signals and interacting molecular pathways. My lab investigates how molecular response systems evolve in new and changing environments. We combine population genetics, functional genomics, computational modeling, and gene editing to deconstruct and reconstruct the molecular steps that enable adaptation to extreme environments.