

Adipokinetic signaling in *Drosophila* energy homeostasis control.

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Body fat storage management is an essential component of energy homeostasis, which ensures insect survival during periods of scarcity or of excessive energy expenditure. Key to the mobilization of lipid stores during episodes of negative energy balance is the adipokinetic hormone (Akh) signalling pathway. This presentation will focus on the phenotypic analysis of *Drosophila melanogaster* Akh signalling pathway loss-of-function mutants.