

# DDC RESEARCH FORUM



## "Multi-dimensional approaches to study salt inducible kinase function in metabolism"



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**About this seminar:** Efficient skeletal muscle metabolism directly affects human health. In times of acute stress, muscle metabolism of glucose and fatty acids is highly coordinated to meet physiological demands and refuel after the stress resolves. However, the chronic stress of overnutrition accompanied by inflammation, as in type 2 diabetes mellitus, disrupts this intricate coordination. This talk will describe new results from genetic mouse models and cross-referenced 'omic' datasets that implicate a stress-induced protein kinase in adaptive and maladaptive skeletal muscle metabolism.

**Reference(s):** Nixon et al, Mol. Metab 2016 PMC4703802



Baylor Main Campus  
DeBakey Building  
Auditorium M112

Refreshments provided.



<https://bcm.zoom.us/>  
Meeting ID: 951 0349 9512  
Password: 2020



**OCT 27**  
**4:00 PM**

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