

**OCT. 29**

**4:00 PM**

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## Metabolic Conversations: Mitochondria and Immune Signaling in MASH and HCC

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Mitochondrial dysfunction and innate immune signaling are closely linked in liver disease progression. This presentation highlights our recent studies on how SIRT3 and cGAS coordinate mitochondrial function and innate immune signaling in liver disease. Together, these findings reveal key mechanisms driving MASH, HCC, and tissue inflammation, with implications for new therapies.

**Publication(s):**

- Nat Commun. PMID: 42082480
- Natl Acad Sci U S A. PMID: 29087318
- Commun Biol. PMID: 32444826

**Questions?** Contact the DDC Administrative Core at (713) 798-3478 or [escamill@bcm.edu](mailto:escamill@bcm.edu)



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