

# Sophia Lunt

**Assistant Professor at Michigan State University**

East Lansing, MI, US

The Lunt Lab focuses on understanding the role of metabolism in supporting cancer proliferation, heterogeneity, and metastasis.

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## Biography

The Lunt Lab focuses on understanding the role of metabolism in supporting cancer proliferation, heterogeneity, and metastasis. We combine powerful mass spectrometry, cell biology, genetic models of cancer, and fluorescent agents to investigate alterations in this complex disease. We aim to rationally design more effective, personalized therapies for cancer based on metabolic targeting.

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## Areas of Expertise

Cells, Metabolomics, Molecular Biology, Mass Spectrometry, LC-MS

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## Education

MIT

Postdoc Cancer Biology

Princeton University

Ph.D. Chemistry

Lebanon Valley College

B.S. Chemistry

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