




7.343 FOOD FOR THOUGHT: HOW METABOLISM CONTROLS CANCER CELL BIOLOGY

MIT Biology Advanced Undergraduate Seminar - Spring 2020

Tuesday, 12 pm - 2 pm (tentative- day and class time are flexible)

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Metabolism is a dynamic map of thousands of chemical reactions through which cells break down nutrients to generate energy and use this energy to synthesize complex biomolecules like proteins, lipids, and nucleic acids. In this seminar, we will:

-  feast on evidence that alterations in cellular metabolism drive cancer
-  digest and critically evaluate recent and classic findings in cancer biology and metabolism
-  get a taste of cutting-edge experimental methods to tackle questions about metabolism in biology and medicine