Our findings caution against the use of indiscriminate mitochondrial inhibitors for cancer treatment.

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In situ quantification of mitochondrial bioenergetics reveals disparate OXPHOS kinetics between mouse colorectal cancer cells and healthy tissues

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For references and more data scan here:

Graphical Abstract

Results: Despite minimal differences between CRC and normal mouse colon, in cardiac myofibers, both total respiratory capacity and OXPHOS conductance were >5-fold higher when adjusted to total protein and >2-fold when adjusted to mitochondrial protein.