

High-Resolution Fluorespirometry and mitochondrial ROS production

Cell Metabolism

Short Article

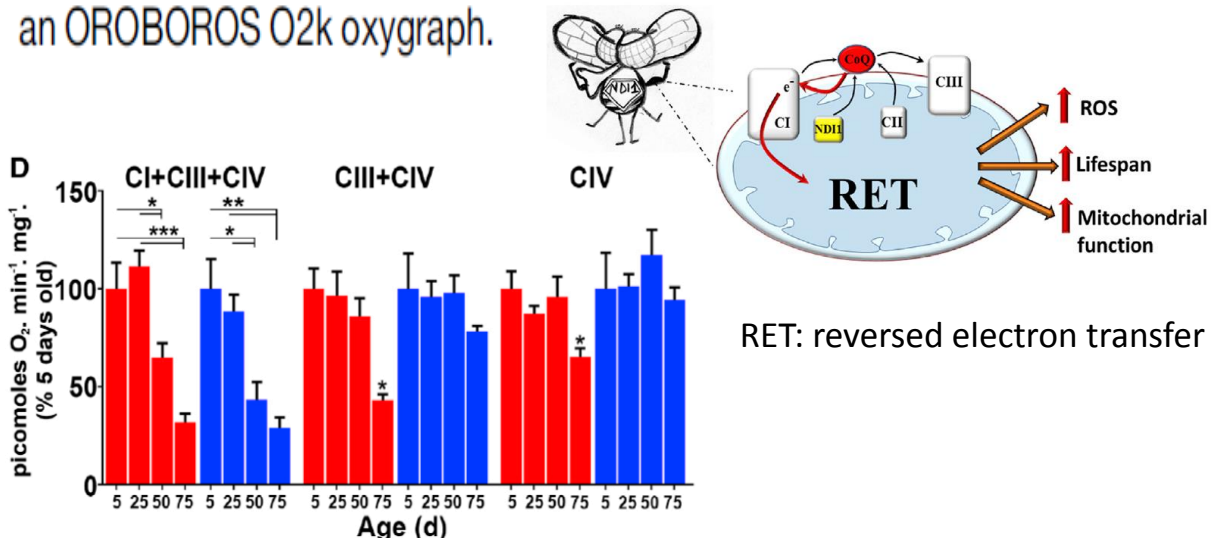
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Mitochondrial ROS Produced via Reverse Electron Transport Extend Animal Lifespan

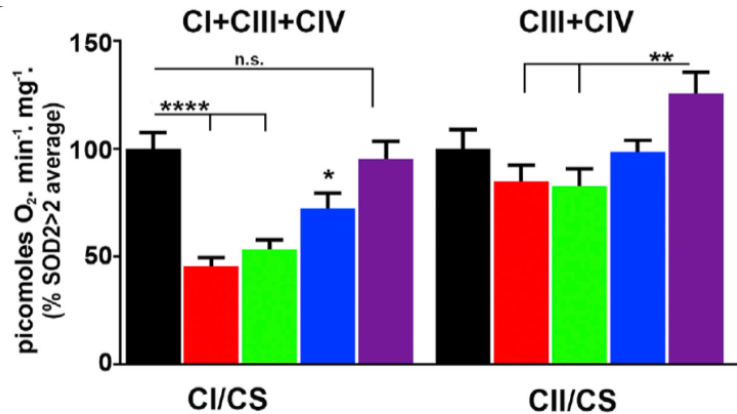
Filippo Scialò,^{1,7} Ashwin Sriram,^{1,7} Daniel Fernández-Ayala,² Nina Gubina,³ Madis Lõhmus,⁴ Glyn Nelson,¹ Angela Logan,⁵ Helen M. Cooper,⁴ Plácido Navas,² Jose Antonio Enríquez,⁶ Michael P. Murphy,⁵ and Alberto Sanz^{1,*}

High-Resolution Respirometry

Respirometry measurements of whole-fly homogenates were performed using an OROBOROS O2k oxygraph.



Mitochondrial respiration in Dahomey and Oregon R flies at the indicated ages (n = 6).



Mitochondrial respiration in flies of the indicated genotypes (n = 6).

Reference: Scialò F, Sriram A, Fernández-Ayala D, Gubina N, Lõhmus M, Nelson G, Logan A, Cooper HM, Navas P, Enríquez JA, Murphy MP, Sanz A (2016) Mitochondrial ROS produced via reverse electron transport extend animal lifespan. Cell Metab 23:725-34.