



Individual variation in mitochondrial metabolism

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Energy metabolism controls the amount of energy uptake from the environment and the allocation of this energy to life-history traits. The efficacy with which mitochondria execute this energy transfer can be a major determinant of organismal performance. Variation in the rates of oxygen use and ATP production, and the amount of ATP generated per oxygen and energy substrates consumed by the mitochondrion contribute to variation in mitochondrial performance, and in turn, animal performance. Studies across a wide range of taxa have shown that mitochondrial function can explain intraspecific variation in performance such feeding capacity, physical performance and growth.



Friday, June 7th from 13.00 to 13.45 on Zoom:
<https://aarhusuniversity.zoom.us/j/65547800955>
(will be streamed from the Zoophys Seminar Room - 1131-127)