

ADP protects cardiac mitochondria under severe oxidative stress

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Compartmentalization in cardiomyocytes modulates creatine kinase and adenylate kinase activities

Birkedal, Rikke; **Branovets, Jelena**; **Vendelin, Marko** FEBS letters 2024 / p. 2623-2640 <https://doi.org/10.1002/1873-3468.14994> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Compartmentalization in cardiomyocytes modulates kinase activities

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Compromised creatine kinase energy transfer affects cardiac excitation-contraction coupling

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Higher AMPK activation in mouse oxidative compared with glycolytic muscle does not correlate with LKB1 or CaMKKb expression

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Life-long creatine deficiency leads to adaptations in calcium handling but not heart failure

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Simple analysis of gel images with IOCBIO Gel

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Simple analysis of gel images with IOCBIO gel software

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The location of energetic compartments affects energetic communication in cardiomyocytes

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