

The absence of active creatine kinase system influences cardiac calcium handling

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Altered calcium handling in cardiomyocytes from arginine-glycine amidinotransferase-knockout mice is rescued by creatine

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Analysis of molecular movement reveals latticelike obstructions to diffusion in heart muscle cells

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Cardiac expression and location of hexokinase changes in a mouse model of pure creatine deficiency

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Cardiomyocytes from female compared to male mice have larger ryanodine receptor clusters and higher calcium spark frequency

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Compromised creatine kinase energy transfer affects cardiac excitation-contraction coupling

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IOCBIO Kinetics : an open-source software solution for analysis of data traces

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IOCBIO Sparks detection and analysis software

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Kaasaagne mikroskoopia paljastab südame soopõhised struktuurierisused

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

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Live-cell photoactivated localization microscopy correlates nanoscale ryanodine receptor configuration to calcium sparks in cardiomyocytes

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Localized CaMKII movement towards the Z-line mediates RyR phosphorylation in cardiomyocytes

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Prolonged β -adrenergic stimulation disperses ryanodine receptor clusters in cardiomyocytes: Implications for heart failure

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Prolonged β -adrenergic stimulation disperses ryanodine receptor clusters in cardiomyocytes and has implications for heart failure

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