

Supplemental Results

Acetylation Contributes to Hypertrophy-Caused Maturation Delay of Cardiac Energy

Metabolism

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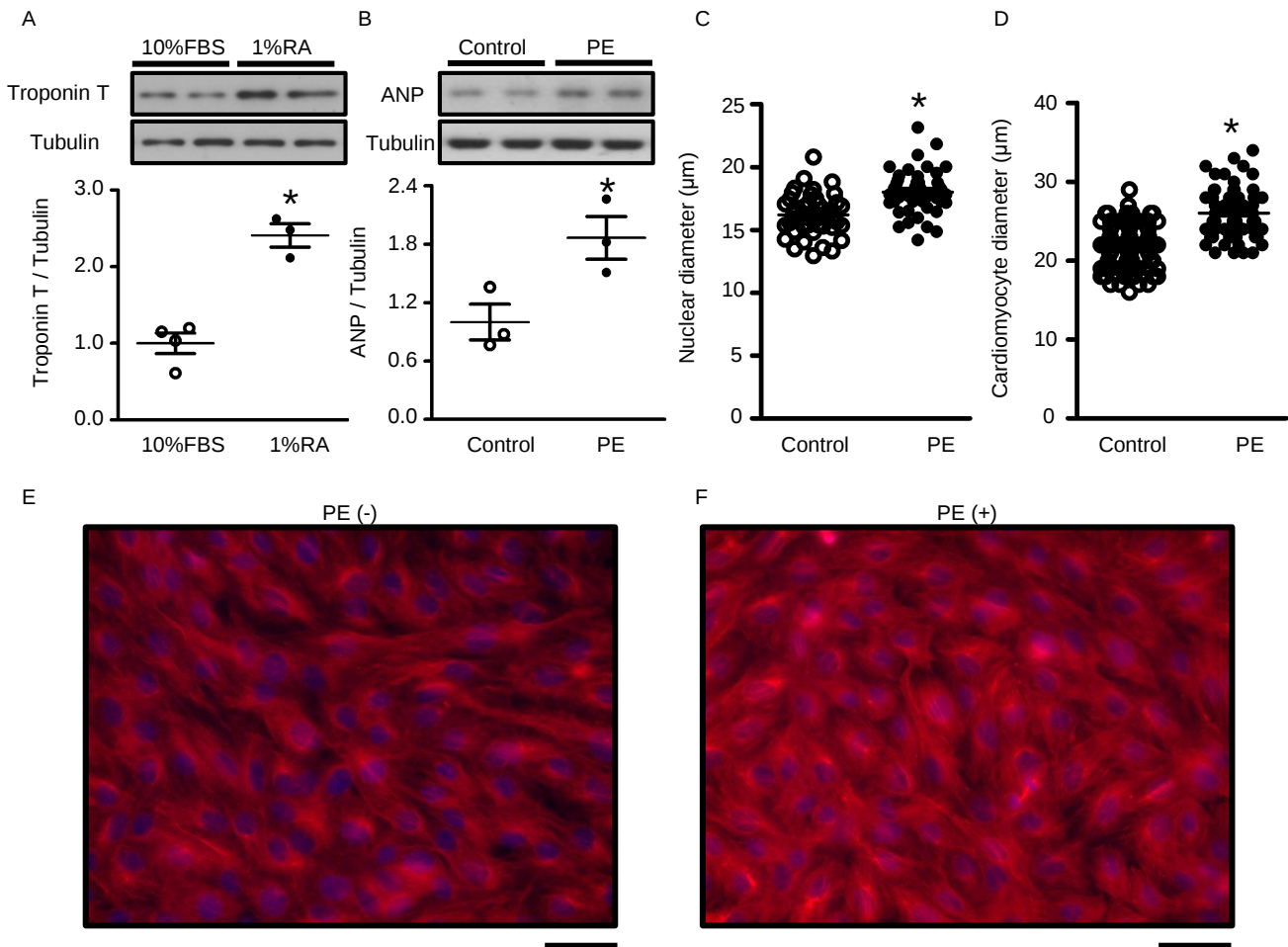
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Running Head: Cardiac hypertrophy delays maturation of energy metabolism via acetylation

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Supplemental Figure 1: Expression of troponin T and Atrial natriuretic peptide (ANP) in differentiated H9c2 cells induced by retinoic acid **A-B:** Representative immunoblots and densitometric analysis of troponin T and ANP normalized to tubulin, respectively ($n = 4/\text{group}$ in A-B). **Morphological analysis of cardiomyocytes after phenylephrine (PE) administration C-F:** The bar graph shows quantitative analysis of nuclear (C) and cardiomyocyte (D) diameter ($n = 9/\text{group}$ in C-F). Representative images of nuclear and cytoplasmic staining with or without phenylephrine (E, F, scale bars; 50 μm , 3 independent repeating experiments). Values represent mean $\pm$ SEM; *, $p < 0.05$; T-test.

