New Insights and Implications for Regenerative Medicine from Cardiomyocyte Maturation

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Introduction

The easi made of m_{1} ce ce, (cadi m \mathbb{R} c \mathbb{R} e), ..., ma e de mat i \mathbb{R} f e easi ma, and gene a ei, de moring f ce. O e ce \mathbb{R} e (fib ball, ac a end eia cell, and ac a dimer millice cell) and e e ace a malital a da incluant ein cadiac finci nin b easi and dieae. The e ec ica actain ficadi m \mathbb{R} c \mathbb{R} e i in ed. ce a cin actin diae ciain cin actin coding c \mathbb{R} e i in ed. ce a cin actin diae ciain cin actin coding c \mathbb{R} e i in ed. ce a cin actin diae ciain cin actin coding c \mathbb{R} e i in ece calle additina cacimite ease firmt e actiantic encoding and in a cacimite ease firmt e actiantic encoding actiae e cin actie mactine \mathbb{R} . The be en deceae in cacimit cincen atin calle cadiac e a atin, ic i e tedf e ea diac easi in calle cadiac e a atin, ic i e tedf e ea diac easi in actientication a encoding action concentation a ega e e ciricatice e ein eeas, c a gene an cit in nandene g \mathbb{R} diac ing [1].

C ange in , in \mathbb{A} fi amen ... c e ind ced by Ca2+ binding. I in and, be en b...c. -b idge binding eg a ef e b...c. -b idge a ac men, f ce de e men, and de endence ff ce n, egmen eng in , e e a and m. ce. Va ia i n in ac i a i n \mathbb{C} e ie acc in f , ef i a ia i n be een e e m. ce a ie ie.

On encline ingla abe - lige, e g daela faced. 2 c ice: e e defend im ef. Et e a aega needed, eeda actain f, e e a milice and add, men f e e f mance f milice: e end b d actain a milicited milic a e [2]. This g abe - ed lige, n n e e , [a] i gica need a entrange , tingen f alaging acta ab , ee inglim

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