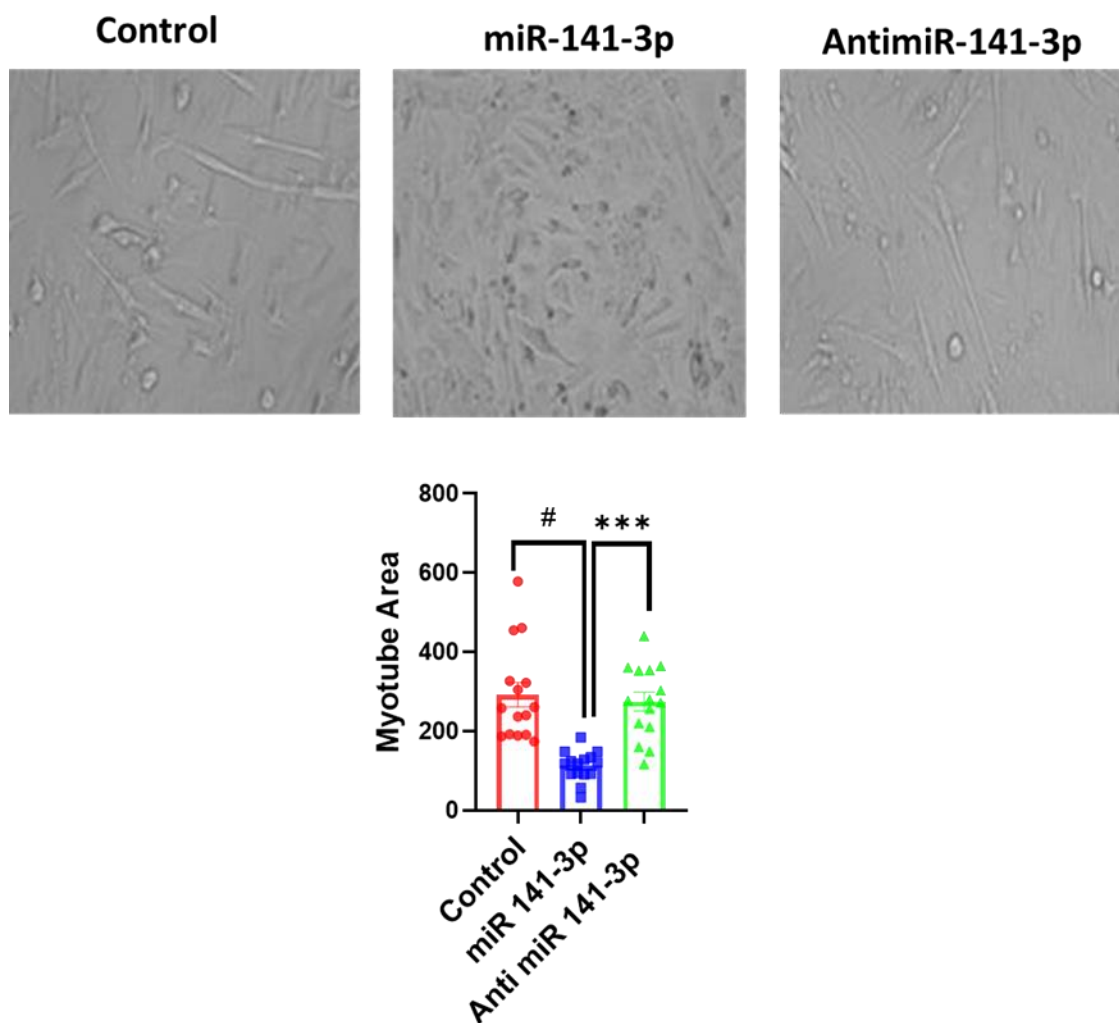


SUPPLEMENTARY DATA

Inhibiting MicroRNA-141-3p Improves Musculoskeletal Health in Aged Mice

**Sagar Vyavahare^{1#}, Sandeep Kumar^{1#}, Kathryn Smith², Bharati Mendhe¹, Roger Zhong³,
Marion A. Cooley⁴, Babak Baban⁴, Carlos M. Isales^{5,6,7}, Mark Hamrick^{1,6}, William D Hill⁸,
Sadanand Fulzele^{1,5,6,7*}**

SUPPLEMENTARY DATA



Supplementary Figure 1. MiR-141-3p regulates myotube formation. Myotube differentiation assay was performed to assess the role of mir-141-3p mimic and anti-miR-141-3p on C2C12 cells. Our results demonstrated that 141-3p mimic inhibited and anti-miR-141-3p showed improved myogenic differentiation/myotube formation.