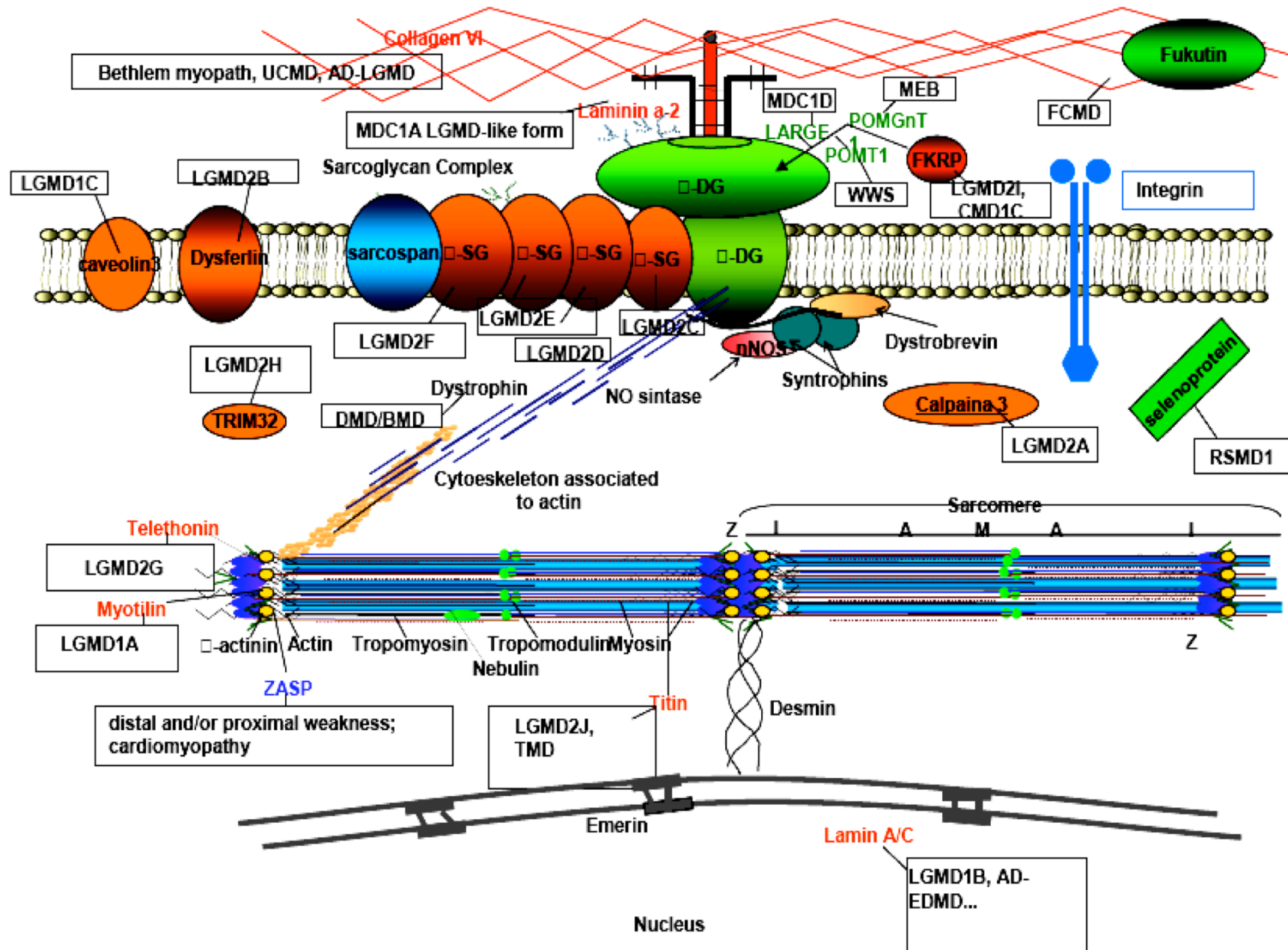
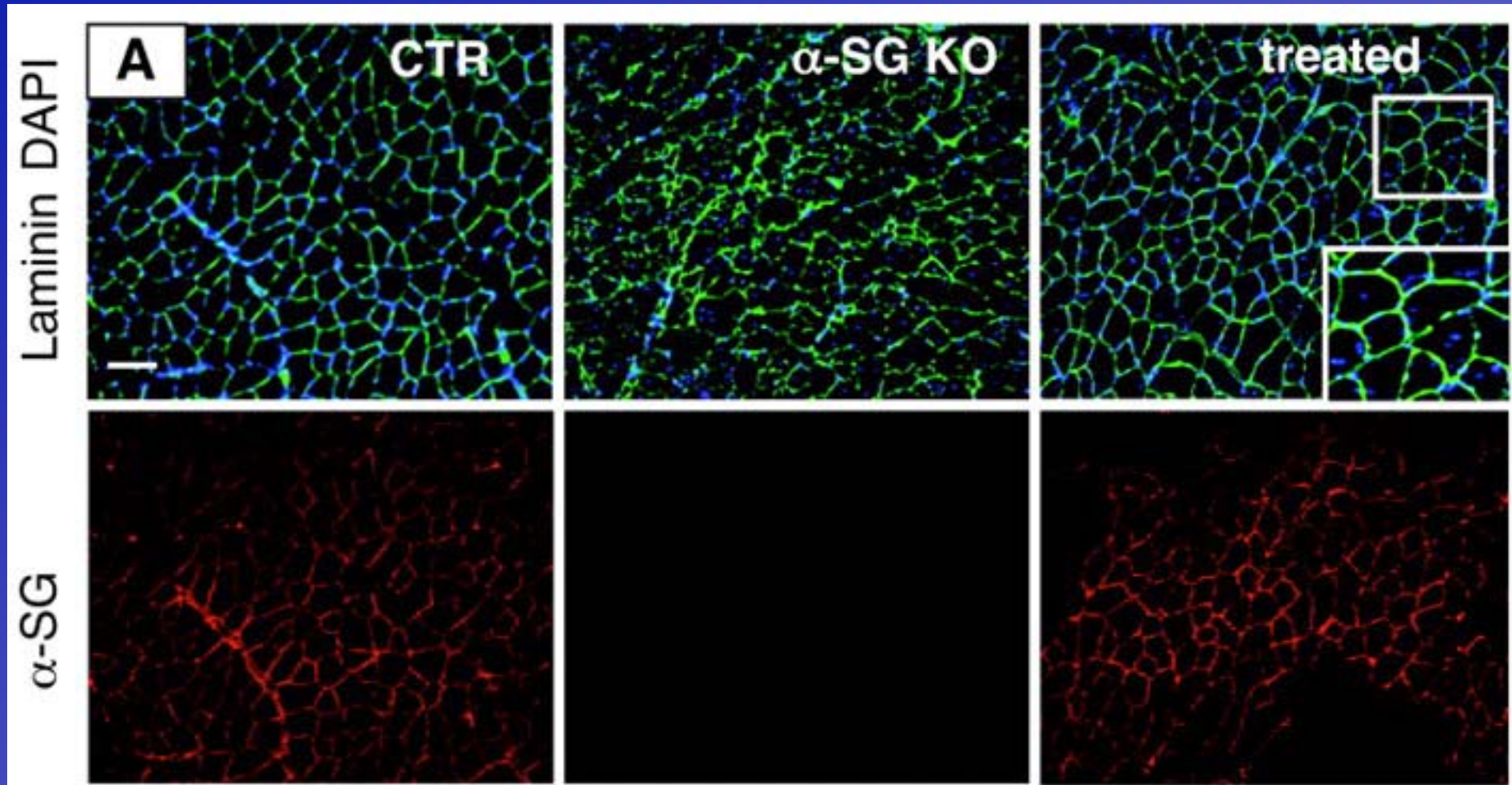
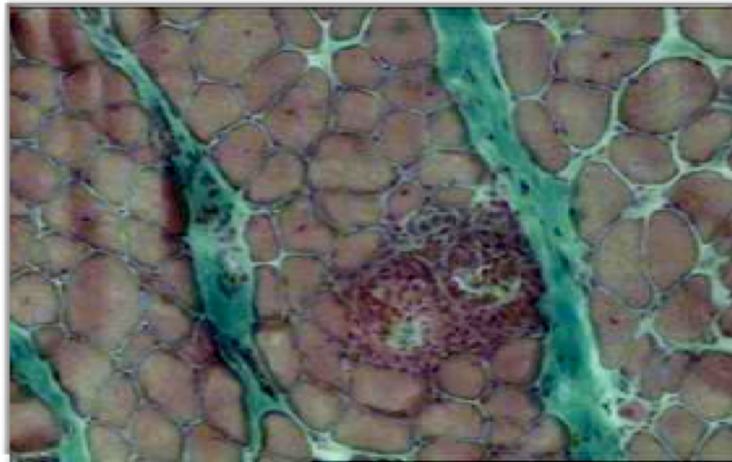
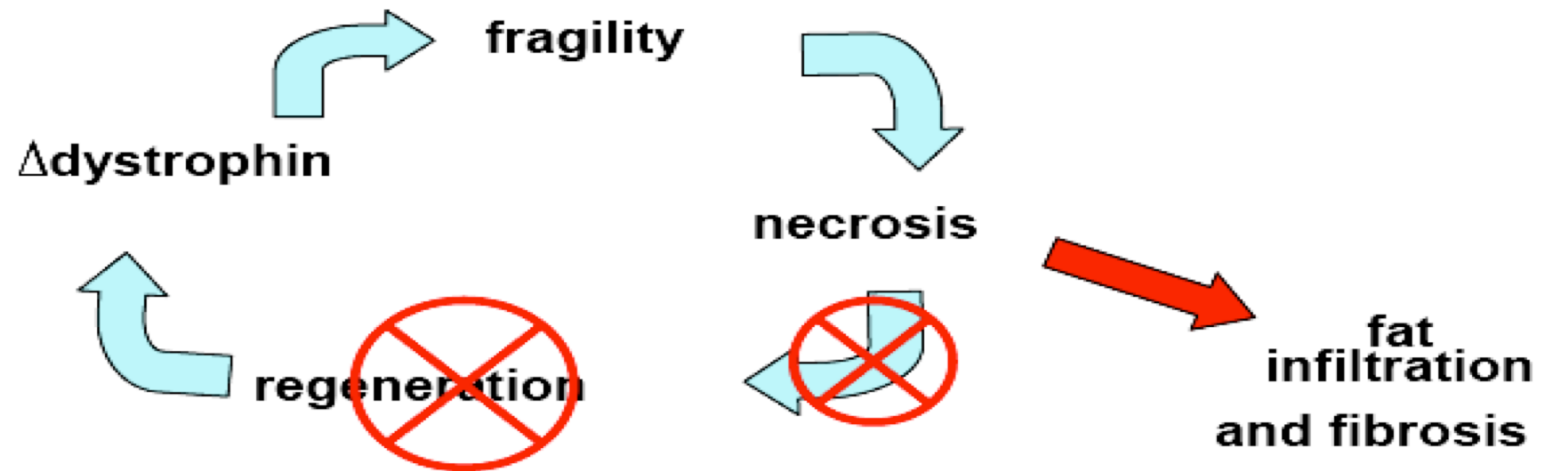




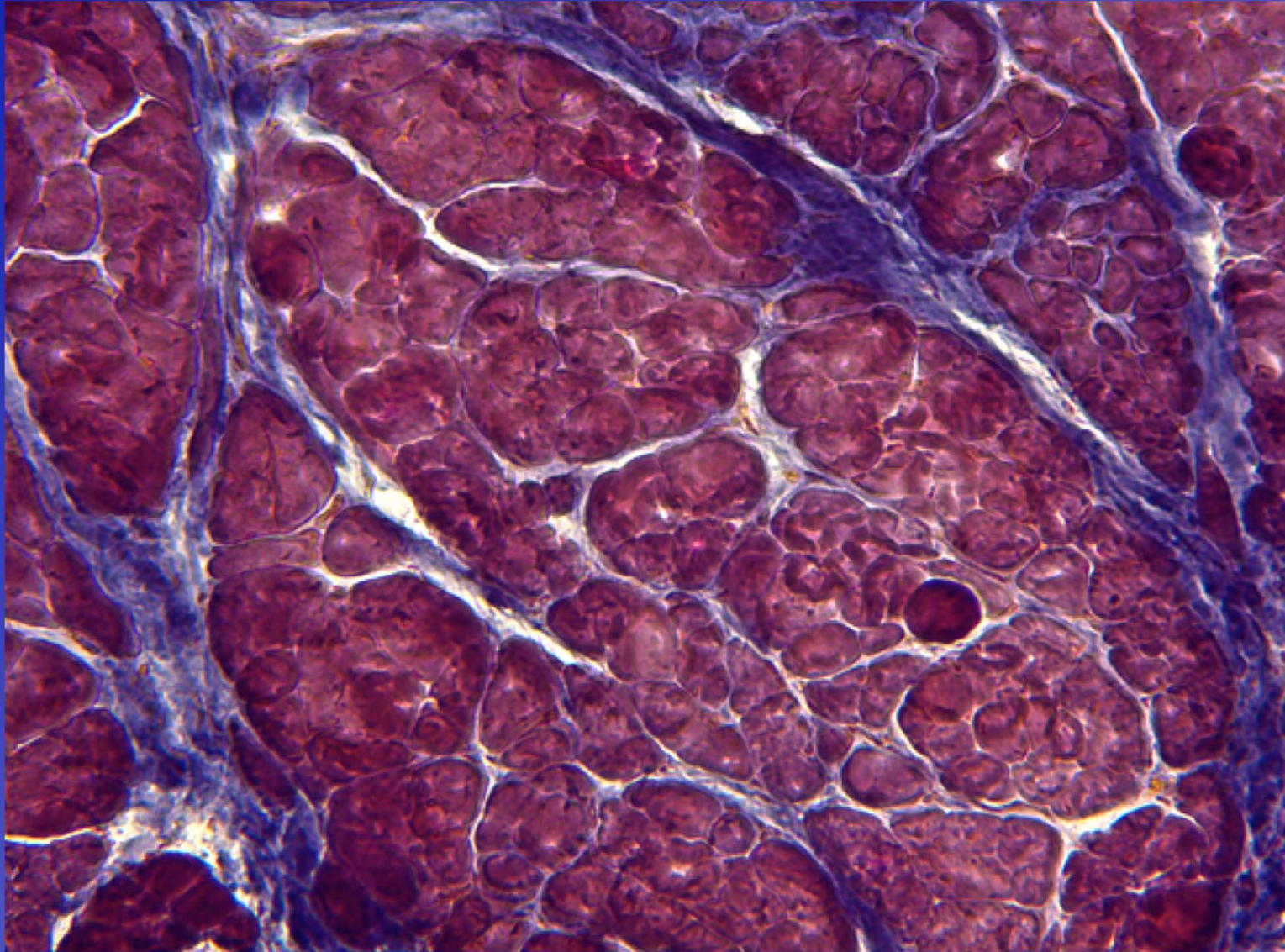
Young dystrophic muscle recovery by Intra-Femoral D16 injection



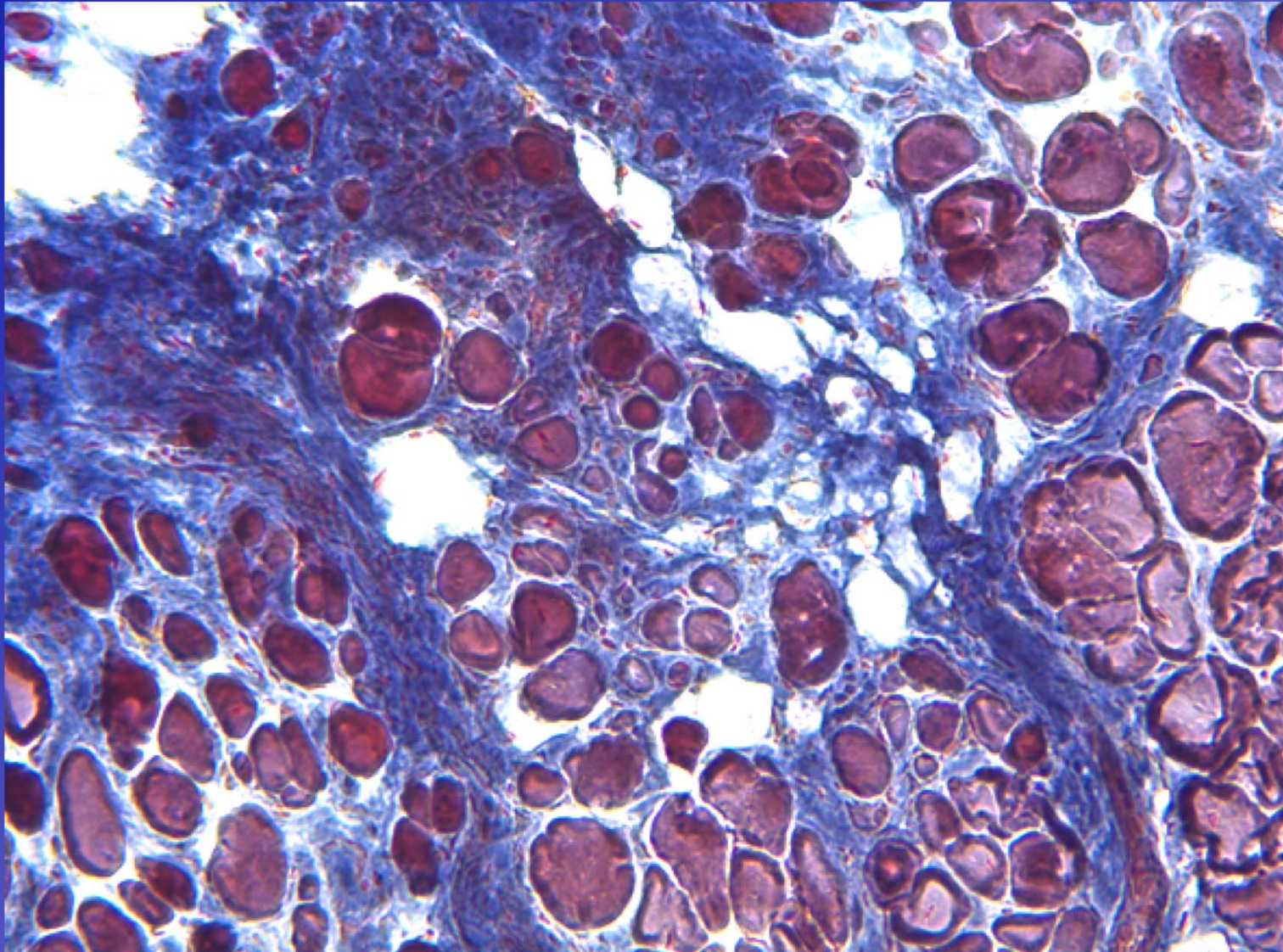
Pathophysiology of DMD



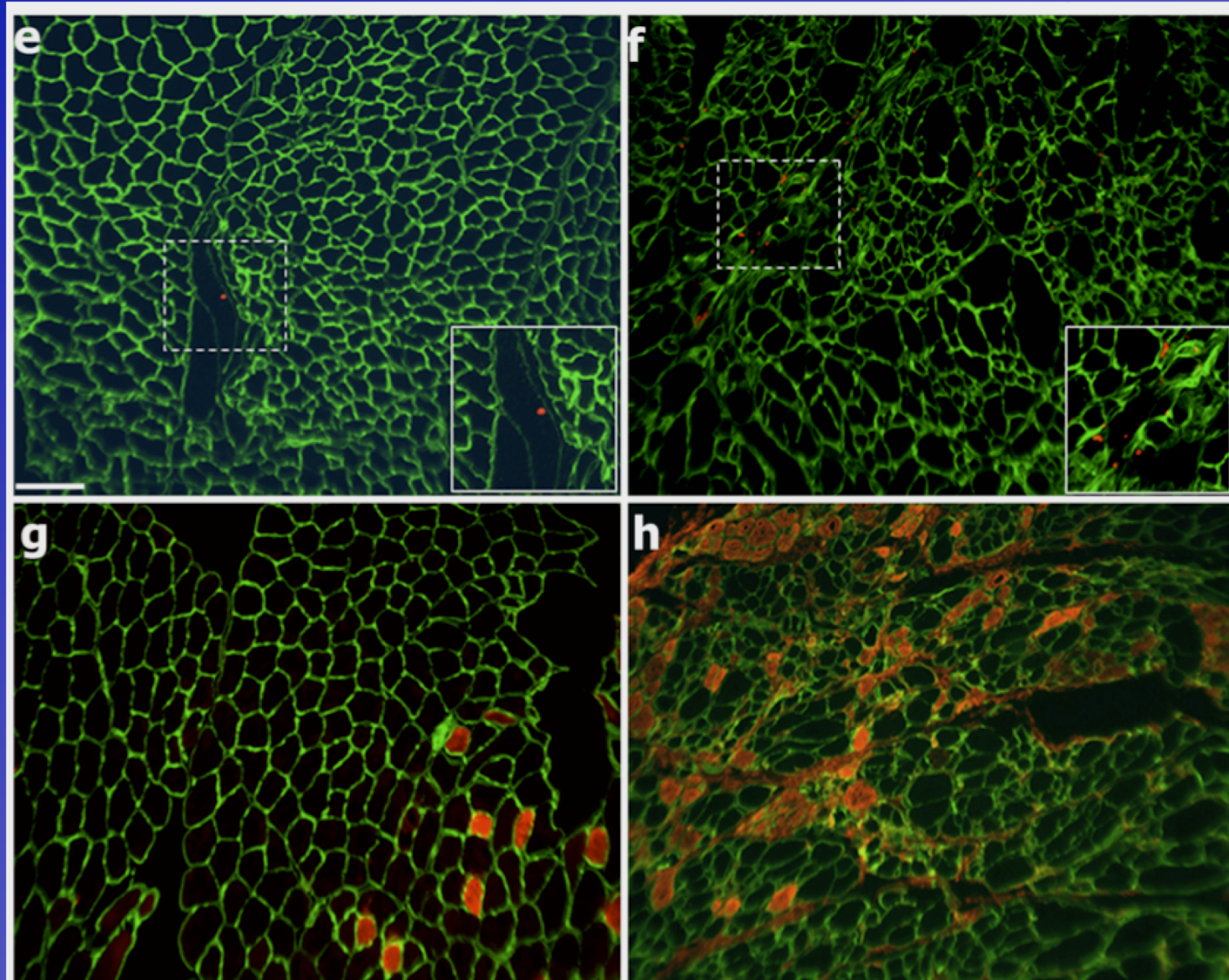
Wt 12 months tibialis
Azan-Mallory stained



**α SG-KO 12 months tibialis
Azan-Mallory stained**



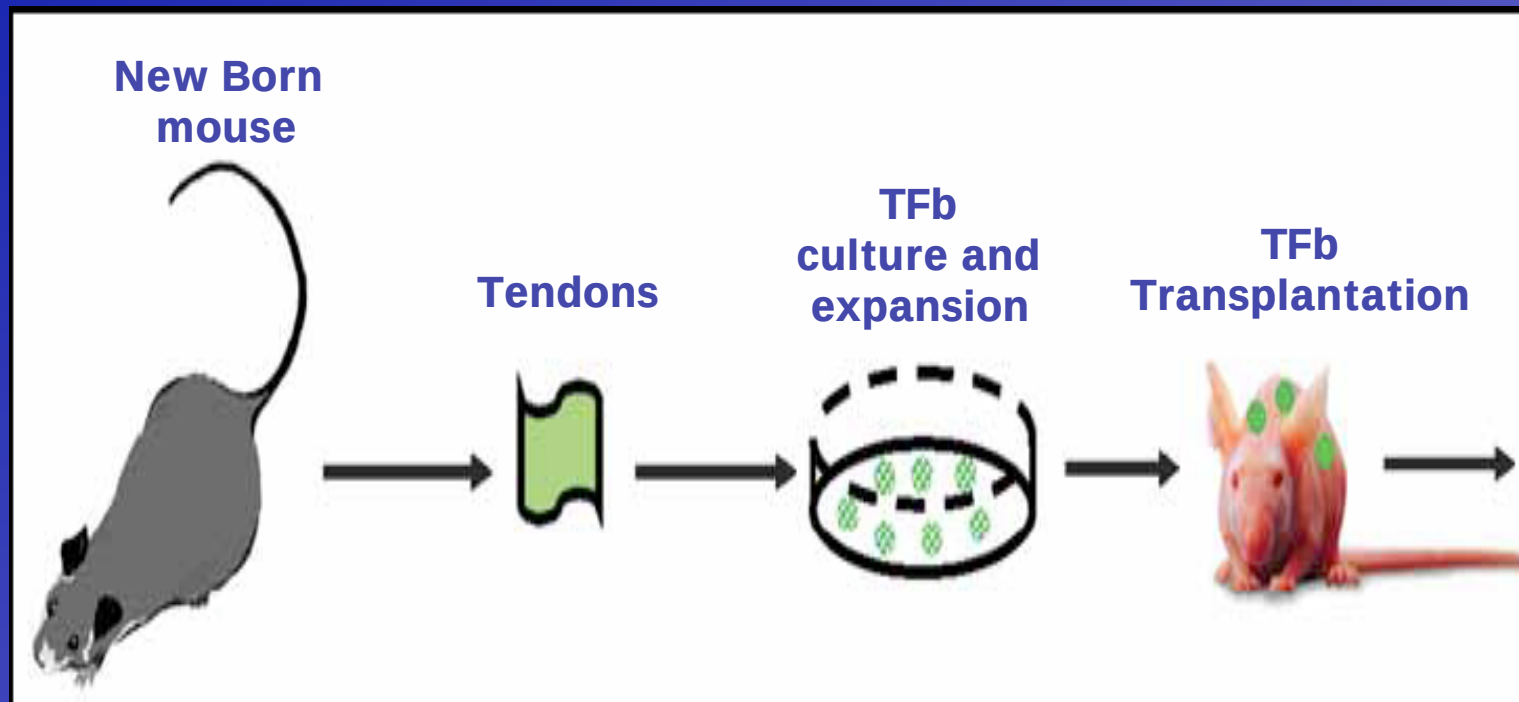
Macrophages and regeneration labelling



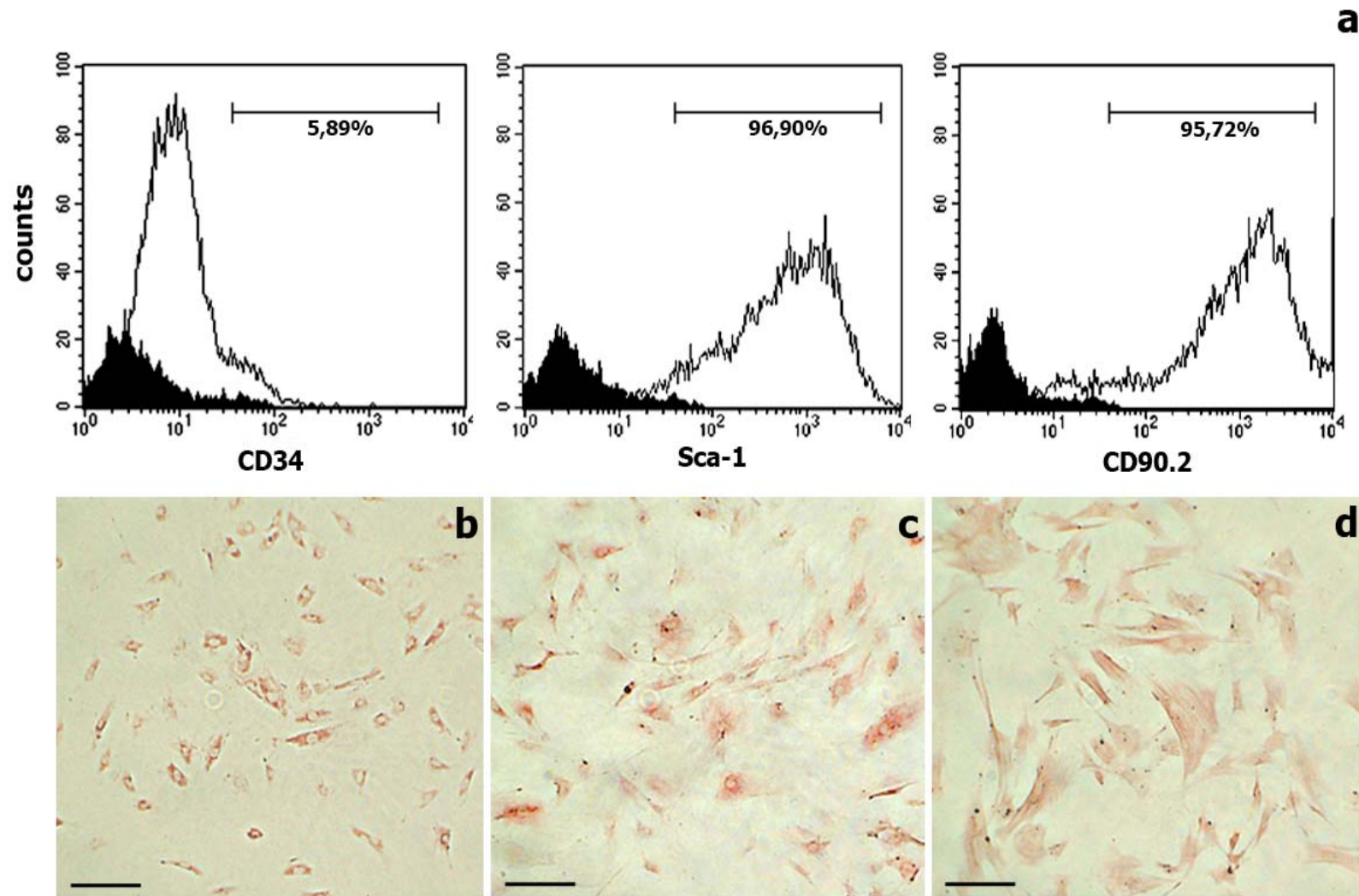
Aged dystrophic muscle recovery such an extent for cell therapy

- **Impairing collagen deposition by MMP9 transduced Tendon Fibroblast (TFb) intra-muscle injection**
- **Arteriogenesis promoted by PlGF transduced TFb**

Estrazione di fibroblasti del tendine (TFb)

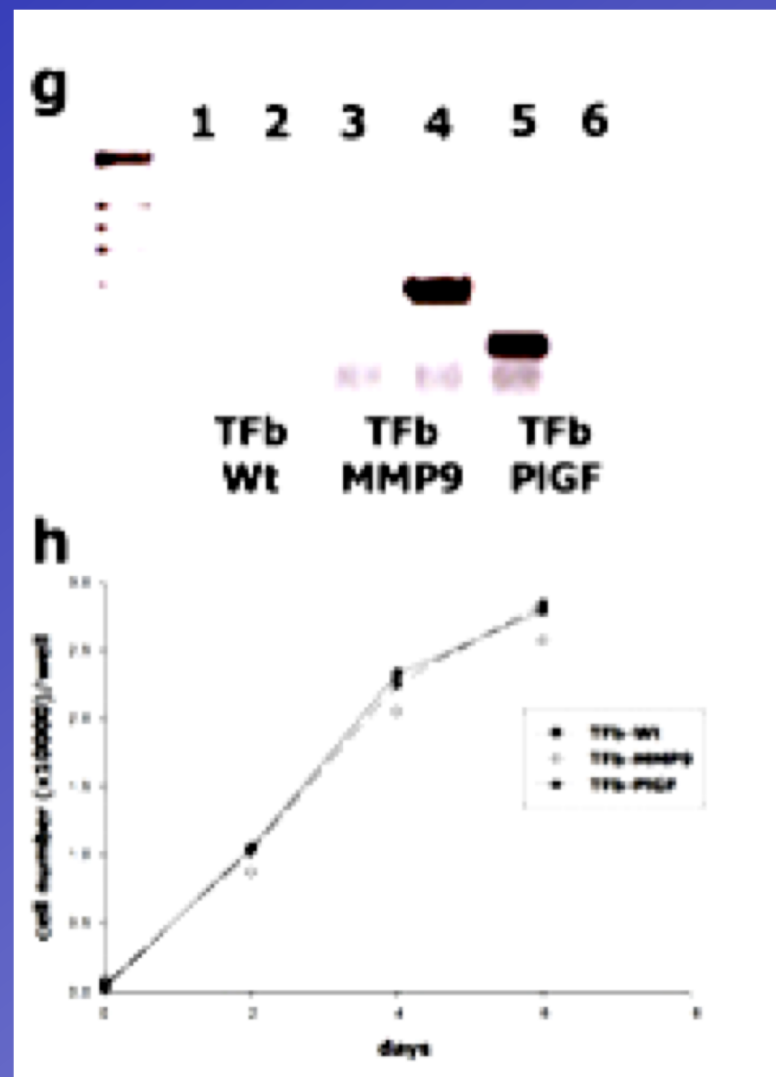
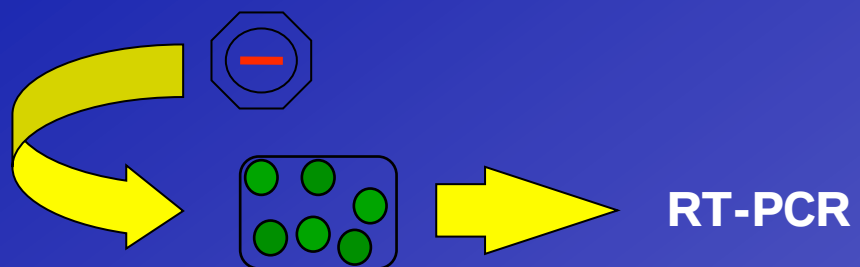


Supplementary Figure 2

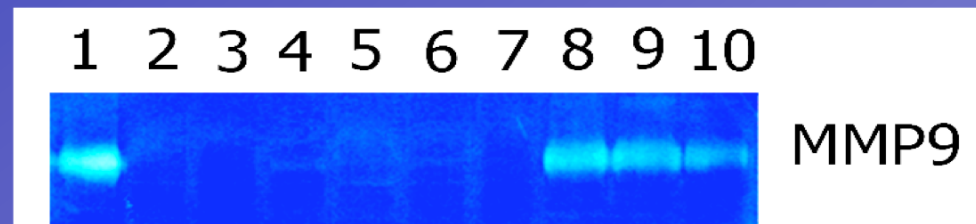
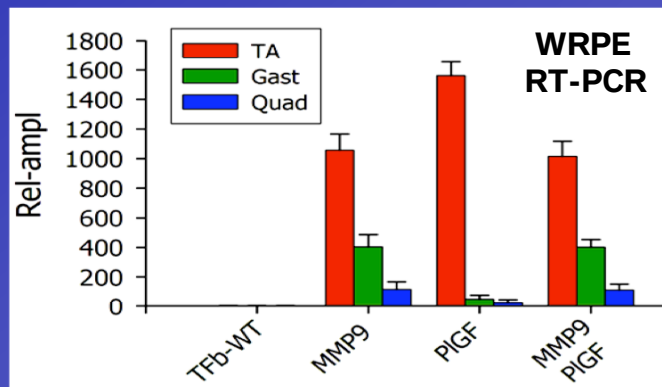
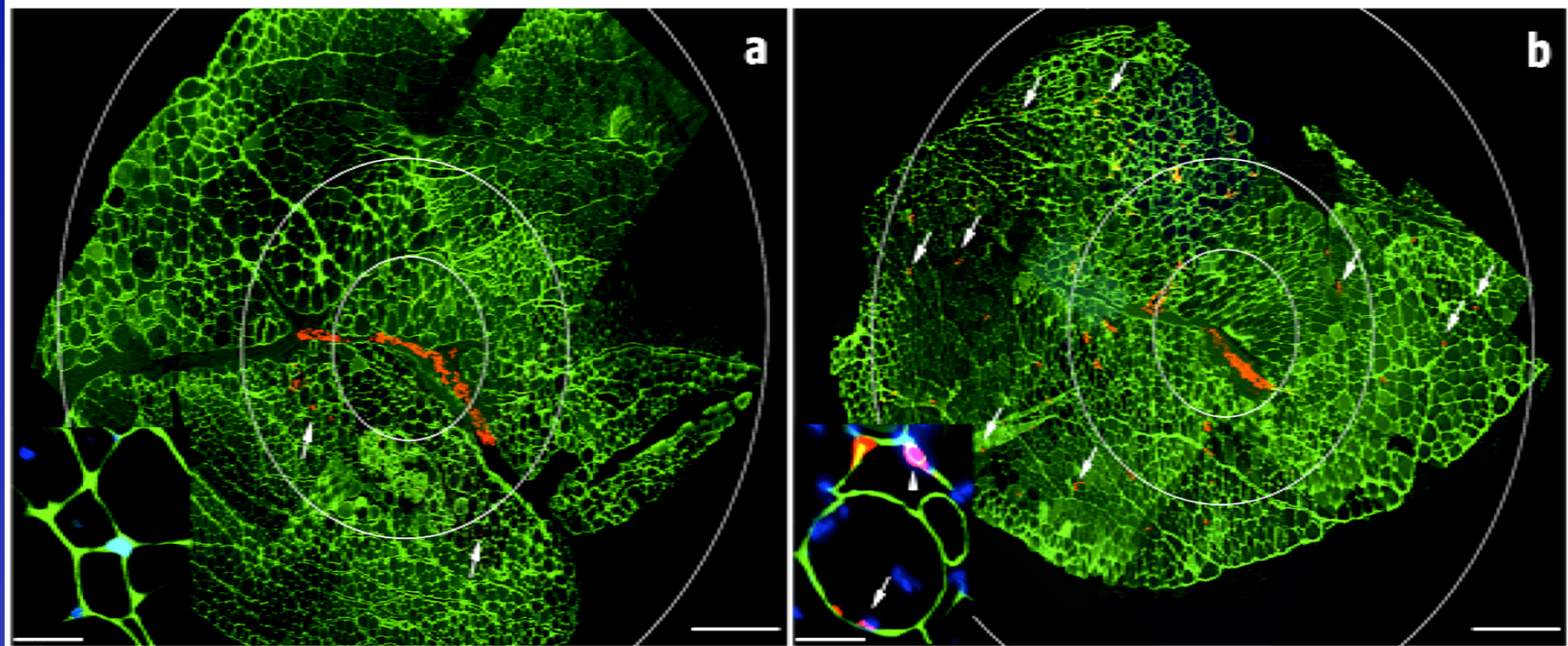


Ingegnerizzazione dei TFb

Vettore lentivirale
per MMP9 e PIGF



Intramuscular TFb injection



**α SG-KO muscles treated heart ink inj.
2X Intra-Muscle TFb MMP9 /PIGF**

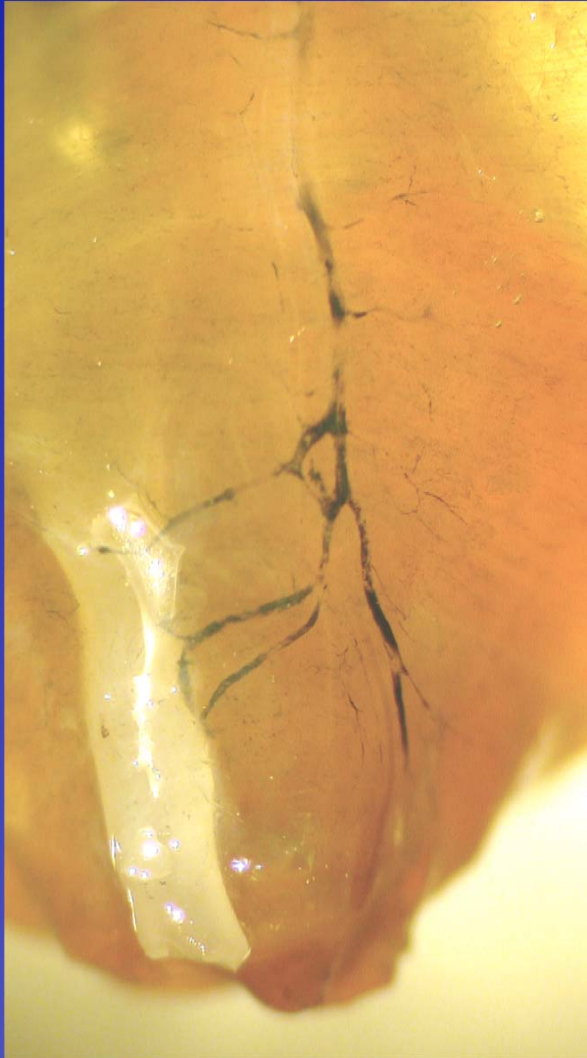
Cont



Treat



Cont



Treat

