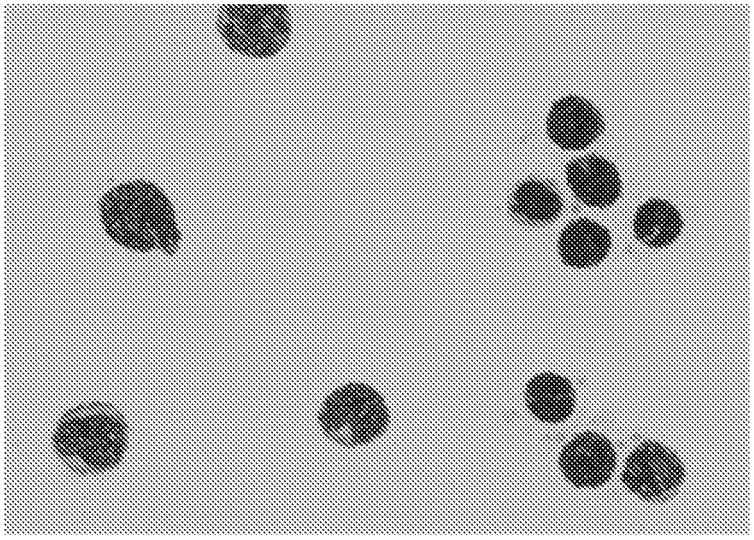
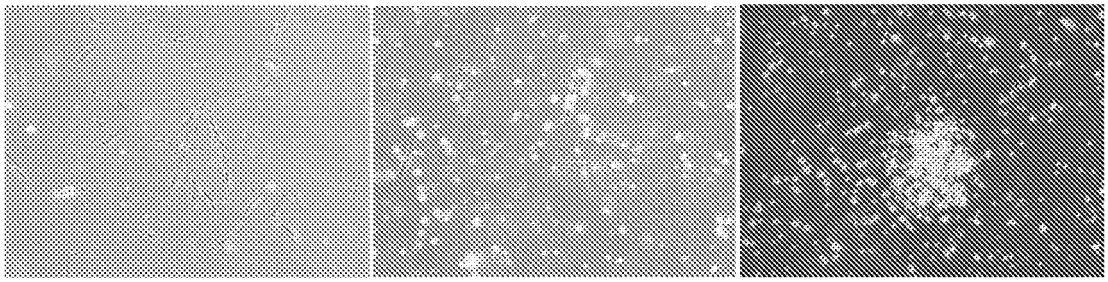


FIGURE 1



2A 2B 2C

FIGURES 2A, 2B, 2C

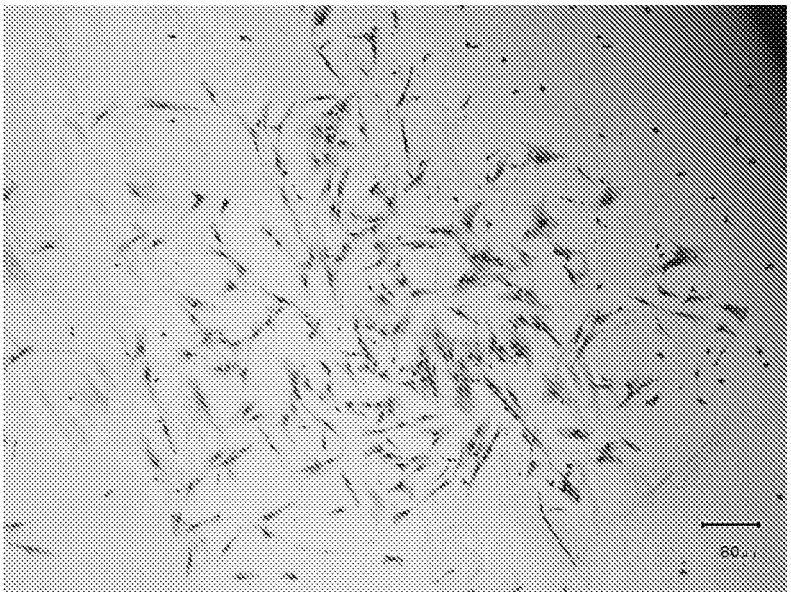


FIGURE 3

DAY 7 DAY 14 DAY 21

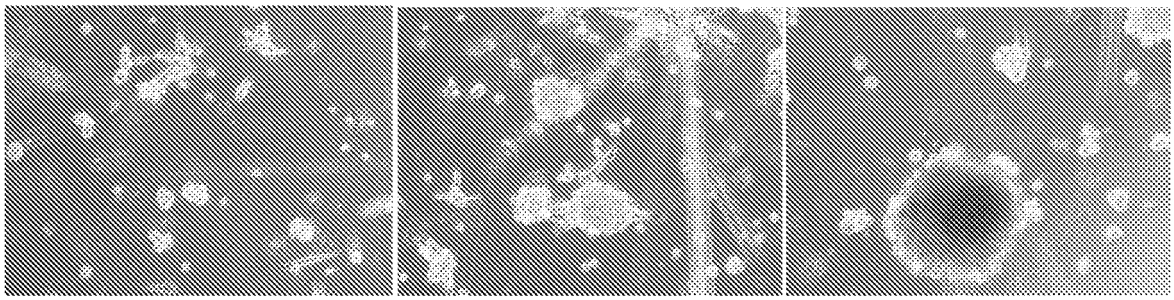


FIGURE 4

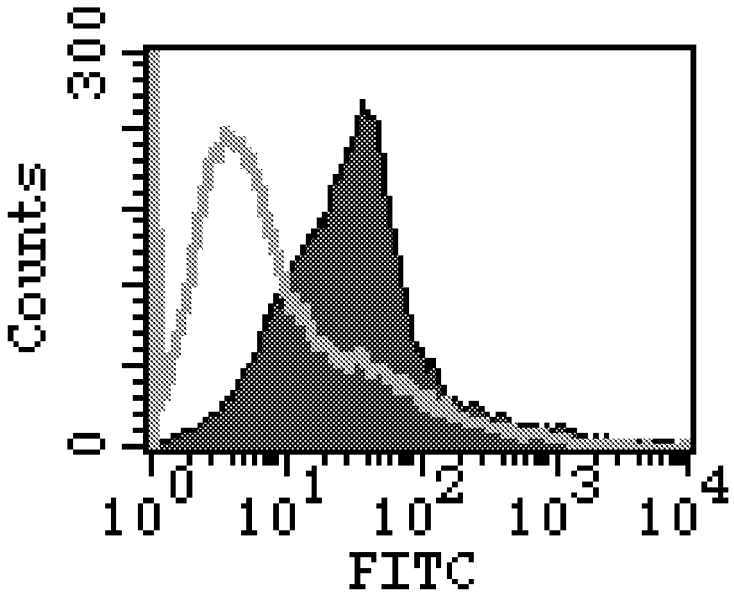
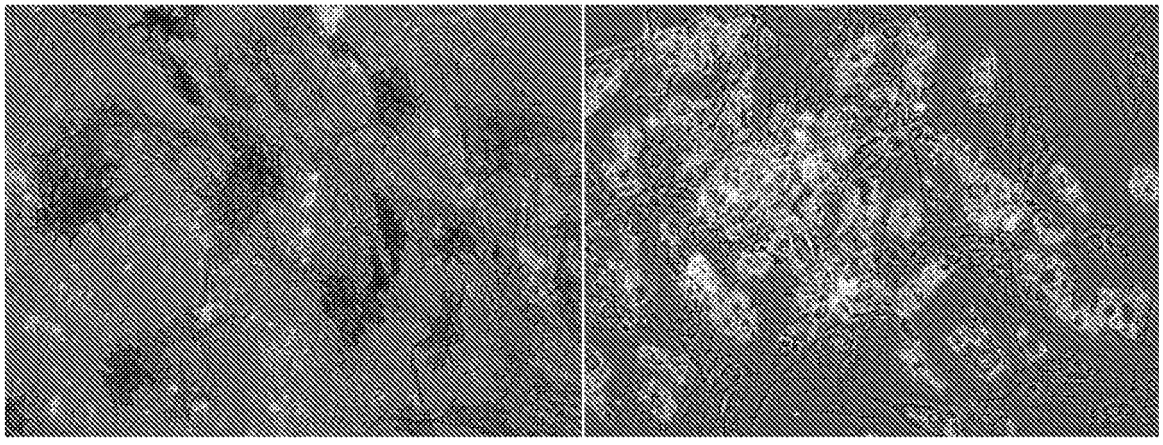


FIGURE 5



6A 6B

FIGURES 6A, 6B

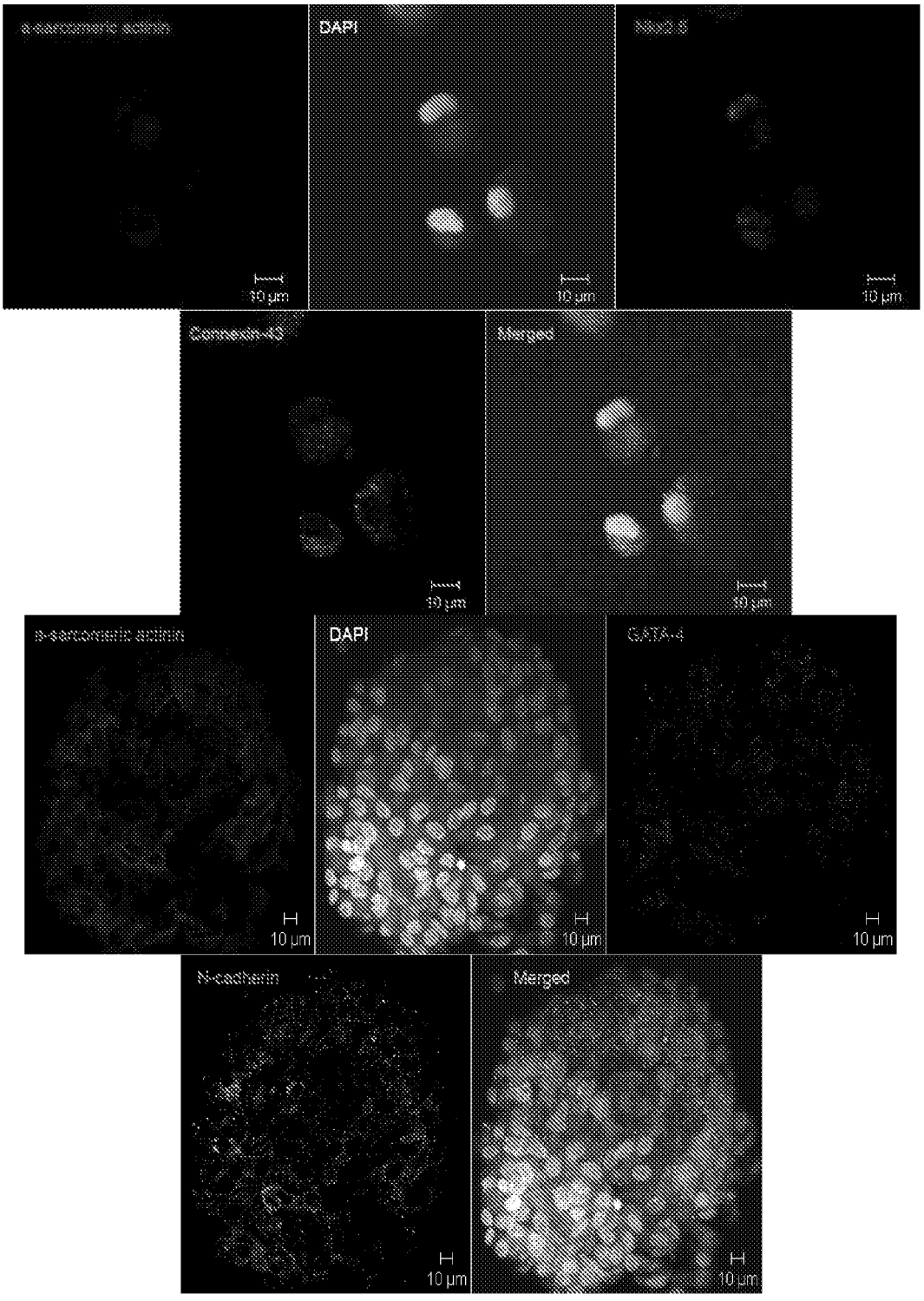

α-sarcomeric actinin
DAPI
Merged
Connexin-43
α-sarcomeric actinin
DAPI
GATA-4
N-cadherin
Merged
10 μm

FIGURE 7

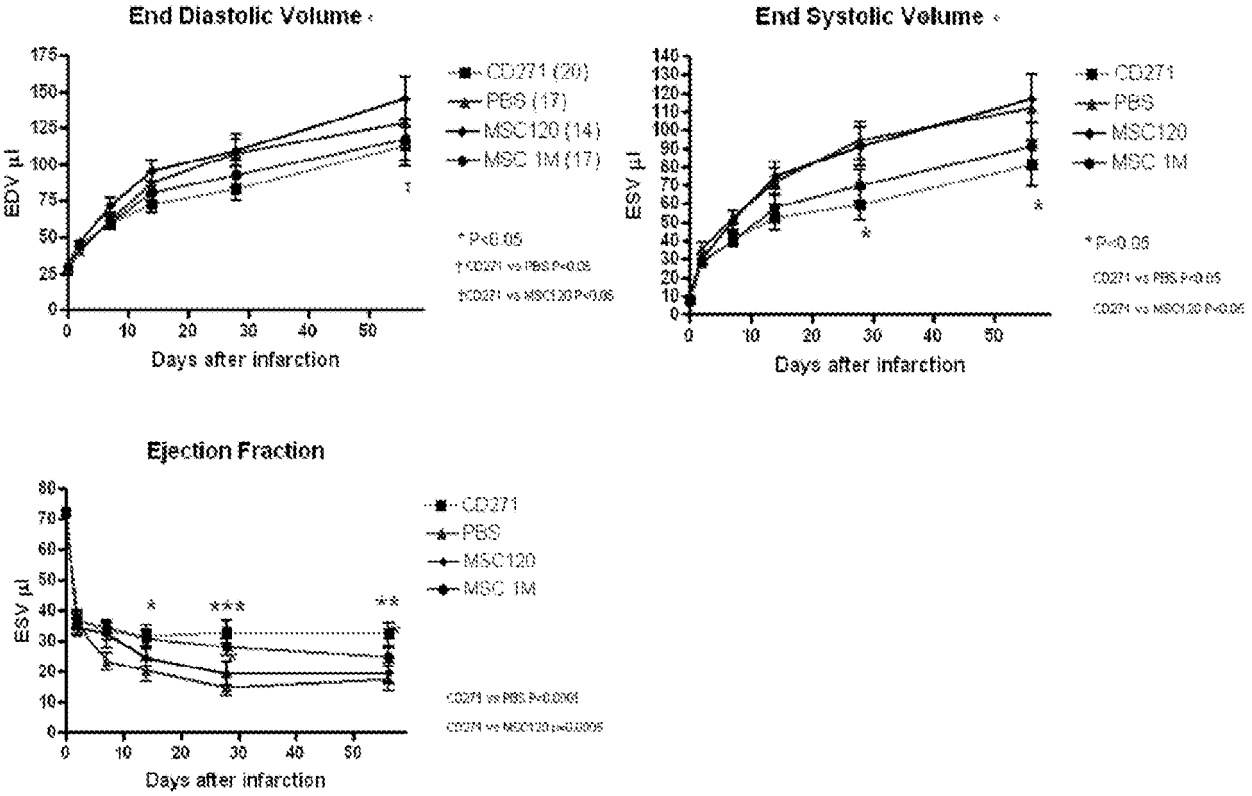
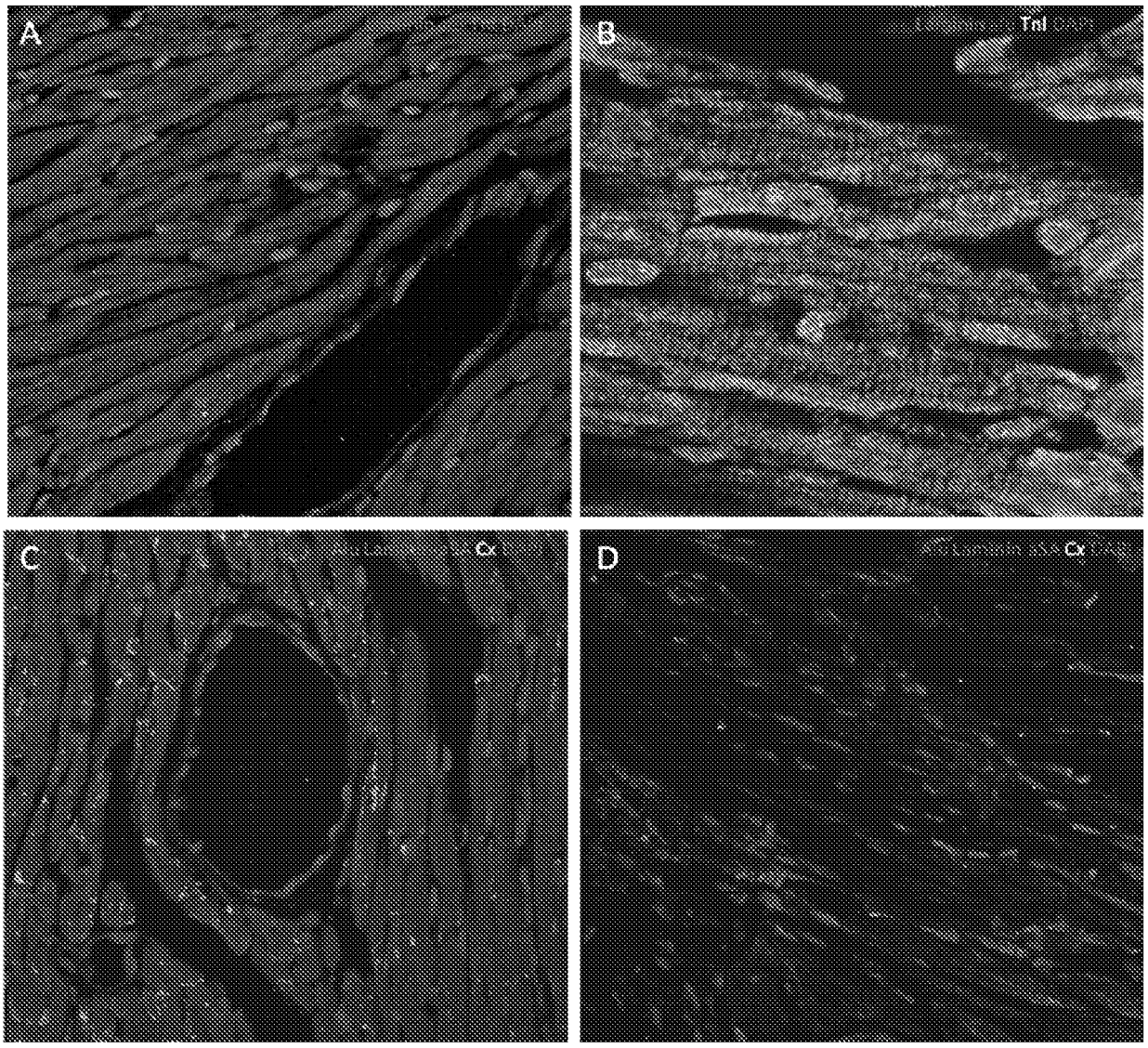

End Diastolic Volume
EDV µl
Days after infarction
CD271 (20)
PBS (17)
MSC120 (14)
MSC 1M (17)
* P<0.05
† CD271 vs PBS P<0.05
‡ CD271 vs MSC120 P<0.05
End Systolic Volume
ESV µl
Days after infarction
CD271
PBS
MSC120
MSC 1M
* P<0.05
CD271 vs PBS P<0.05
CD271 vs MSC120 P<0.05
Ejection Fraction
ESV µl
Days after infarction
CD271
PBS
MSC120
MSC 1M
CD271 vs PBS P<0.0001
CD271 vs MSC120 p<0.0005

FIGURE 8



FIGURES 9A-9D