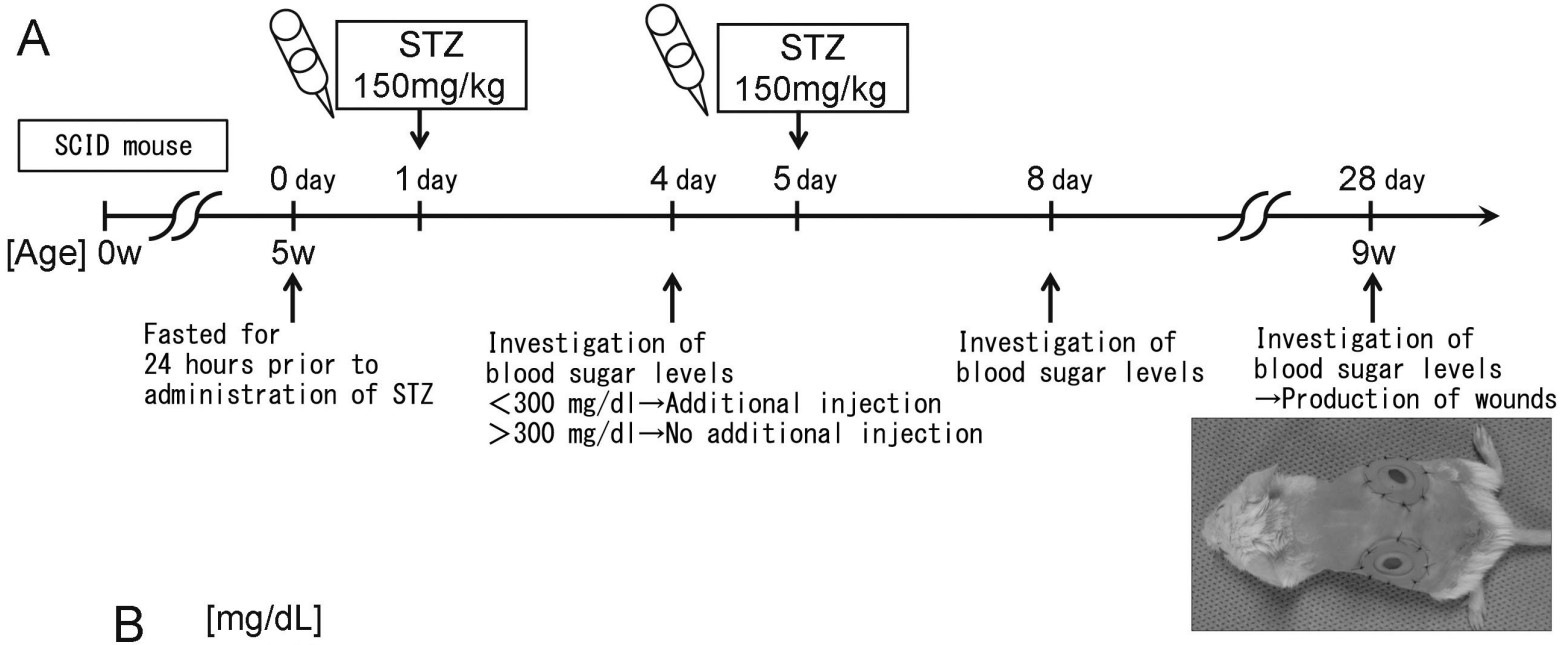
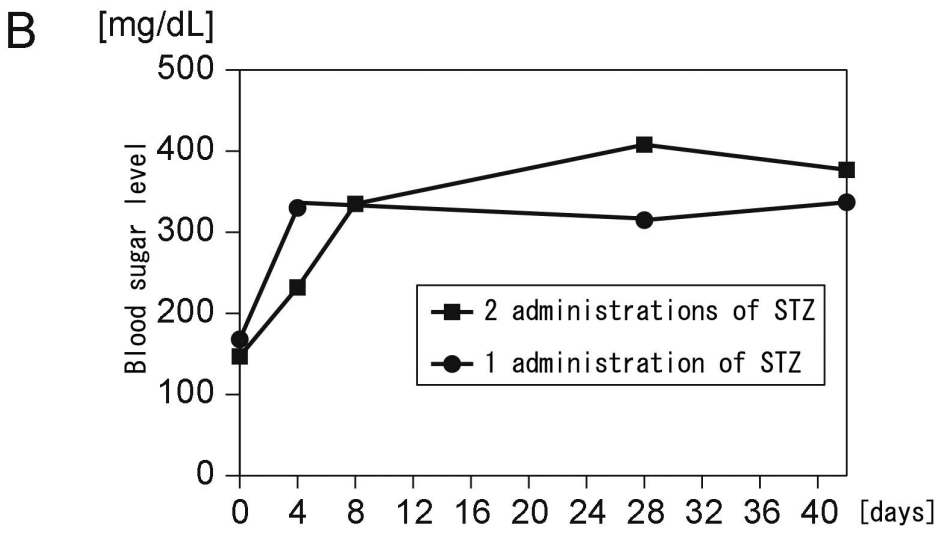
FIG. 1





P150372WO

FIG. 2

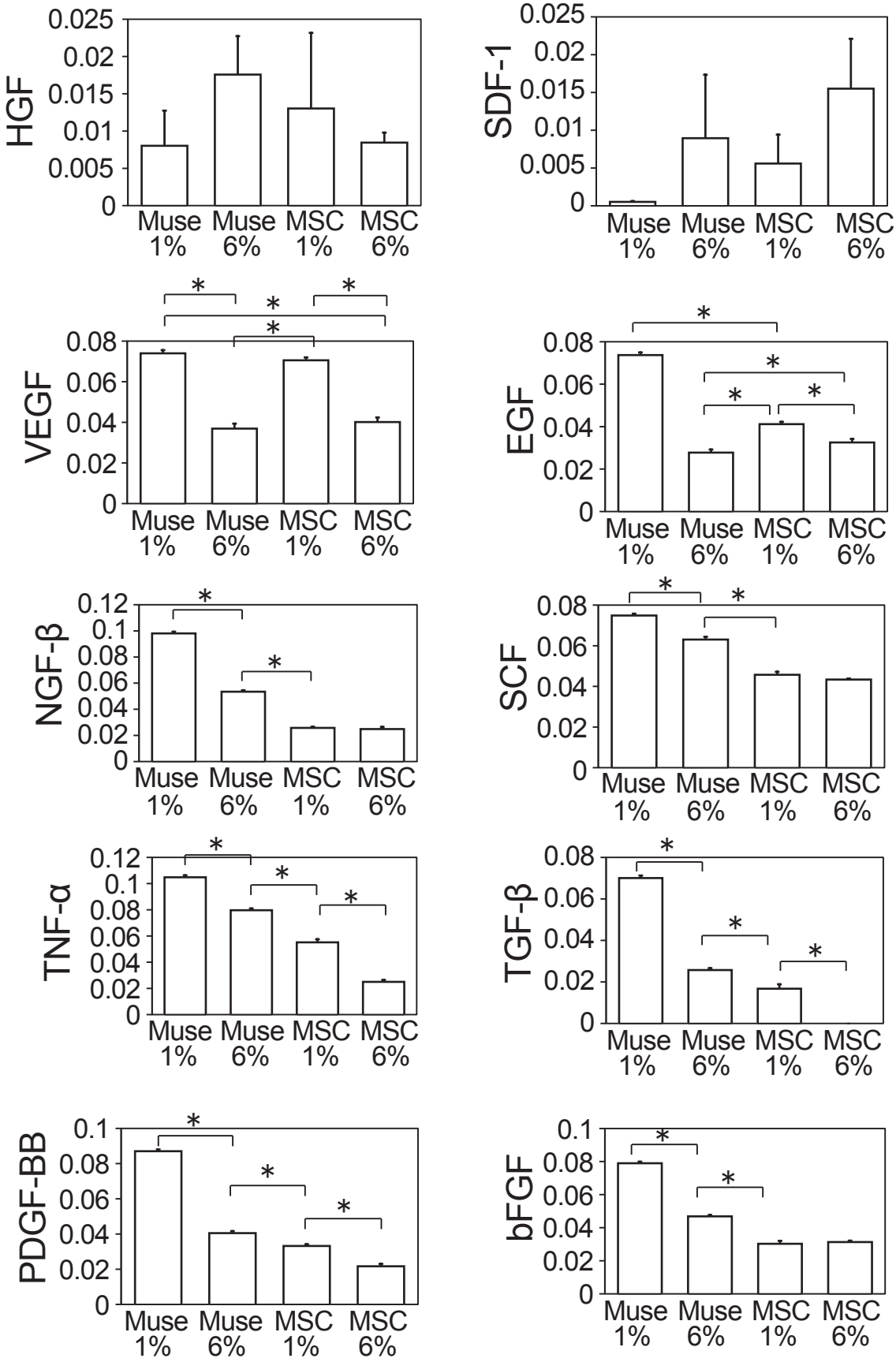

HGF
SDF-1
VEGF
EGF
NGF-β
SCF
TNF-α
TGF-β
PDGF-BB
bFGF
Muse 1%
Muse 6%
MSC 1%
MSC 6%
*

FIG. 3

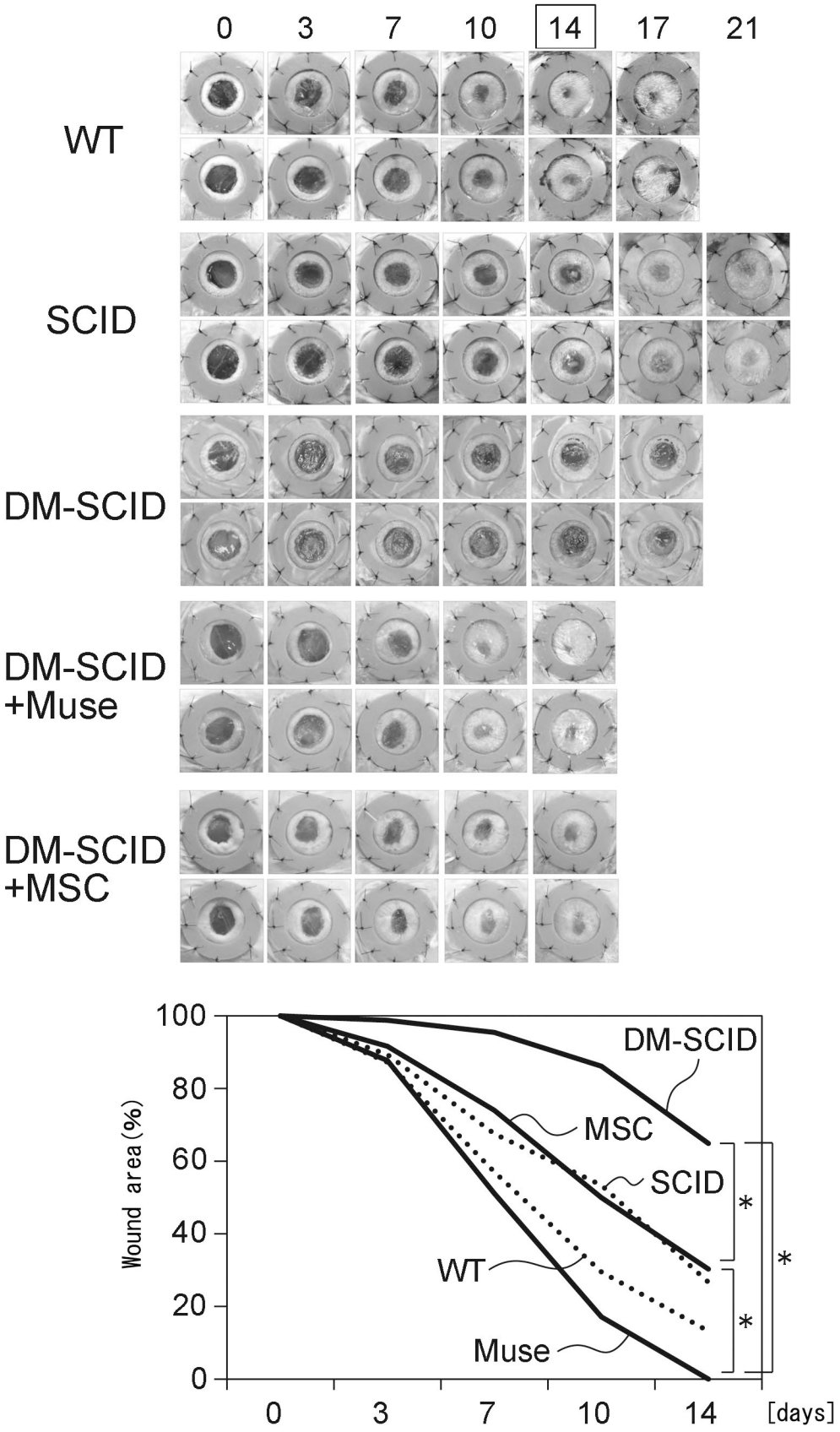

0
3
7
10
14
17
21
WT
SCID
DM-SCID
DM-SCID
+Muse
DM-SCID
+MSC
100
80
60
40
20
0
Wound area (%)
DM-SCID
MSC
SCID
WT
Muse
*
*
*
0
3
7
10
14
[days]

FIG. 4

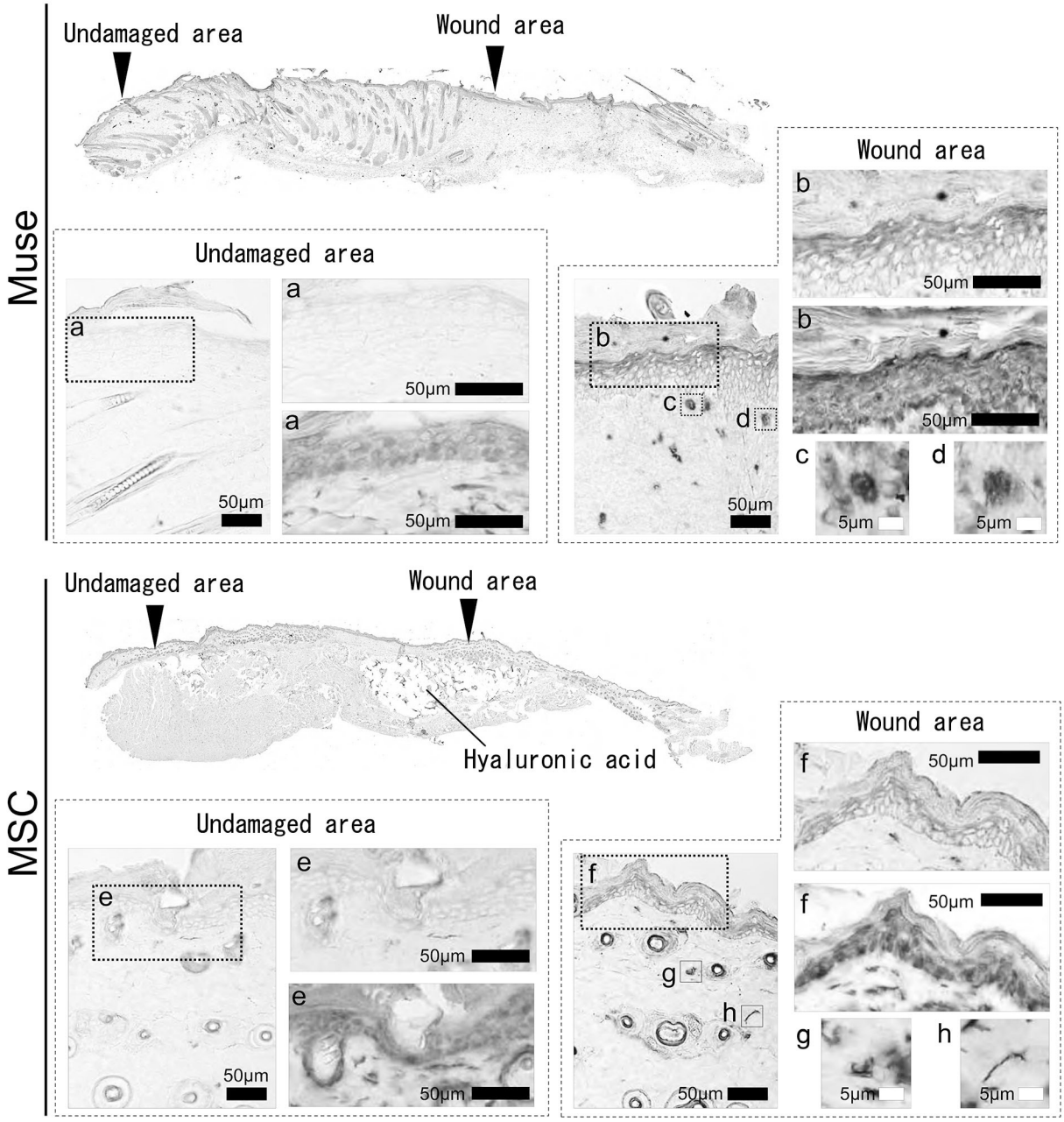
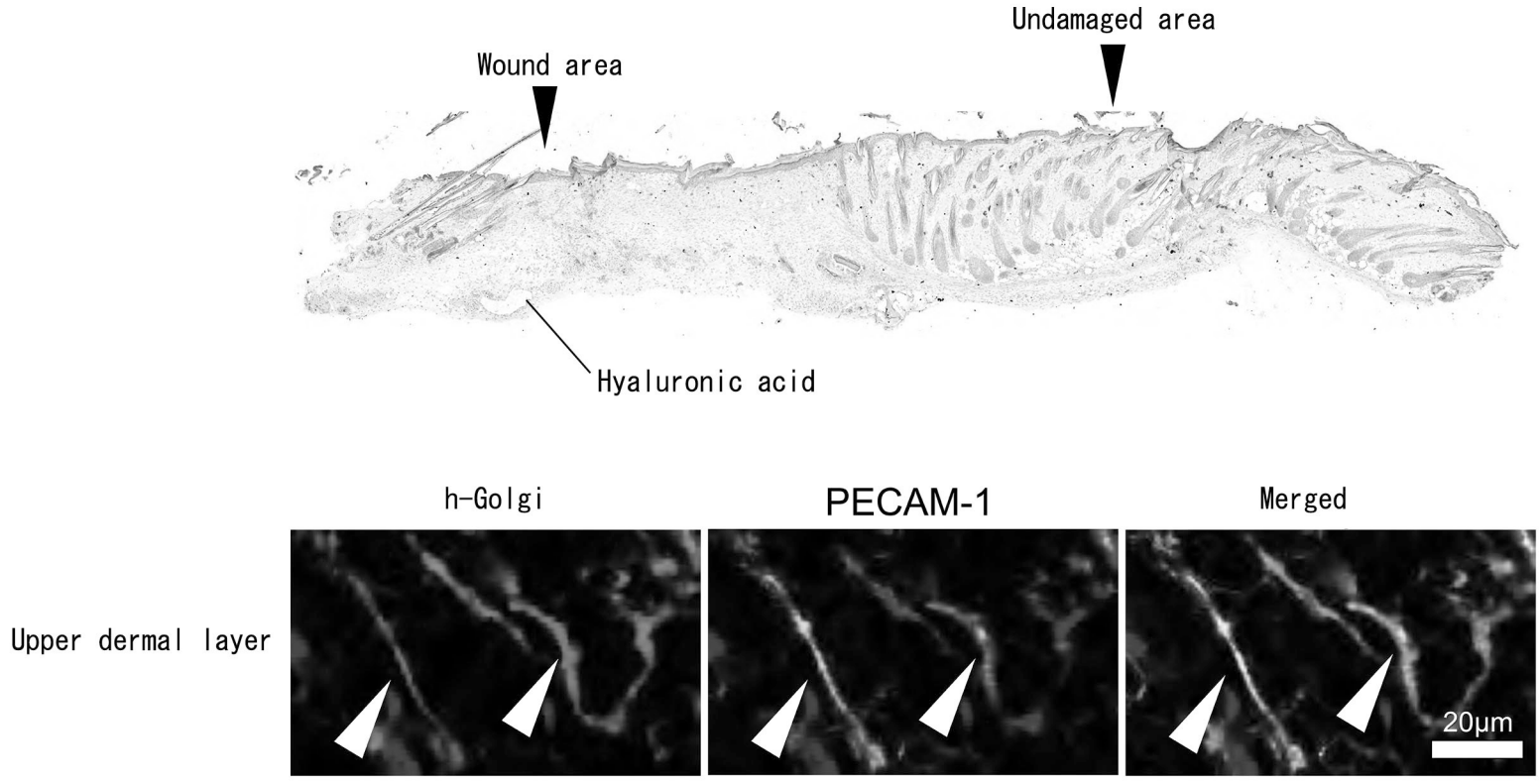

Muse
Undamaged area
Wound area
Undamaged area
a
a
50μm
a
50μm
50μm
Wound area
b
50μm
b
50μm
b
c
d
50μm
c
5μm
d
5μm
MSC
Undamaged area
Wound area
Hyaluronic acid
Undamaged area
e
e
50μm
e
50μm
50μm
Wound area
f
50μm
f
50μm
f
g
h
50μm
g
5μm
h
5μm

FIG. 5


Undamaged area
Wound area
Hyaluronic acid
h-Golgi
PECAM-1
Merged
Upper dermal layer
20μm