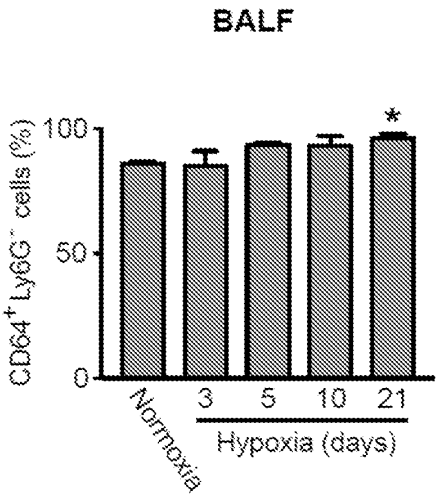


Fig. 1A

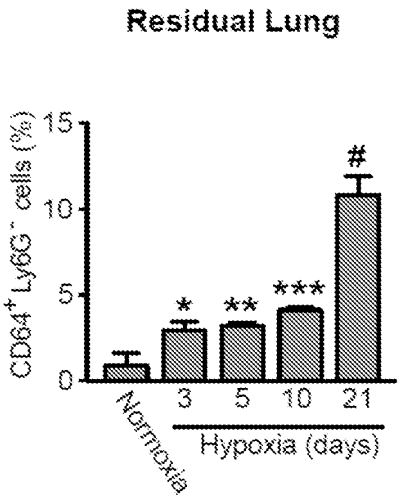
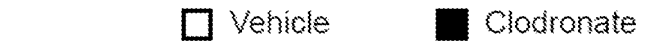


Fig. 1B



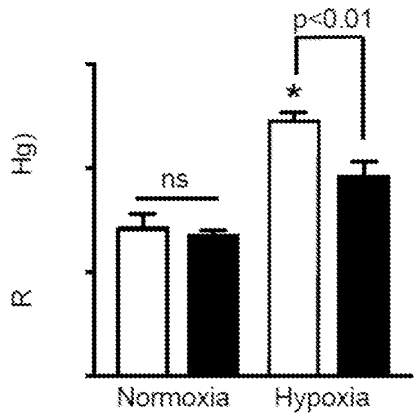


Fig. 1C

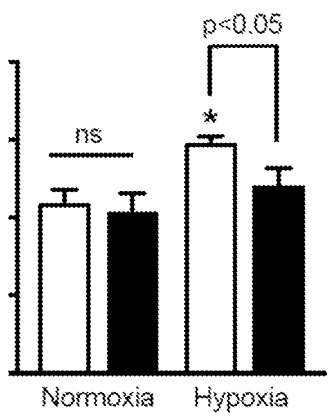


Fig. 1D

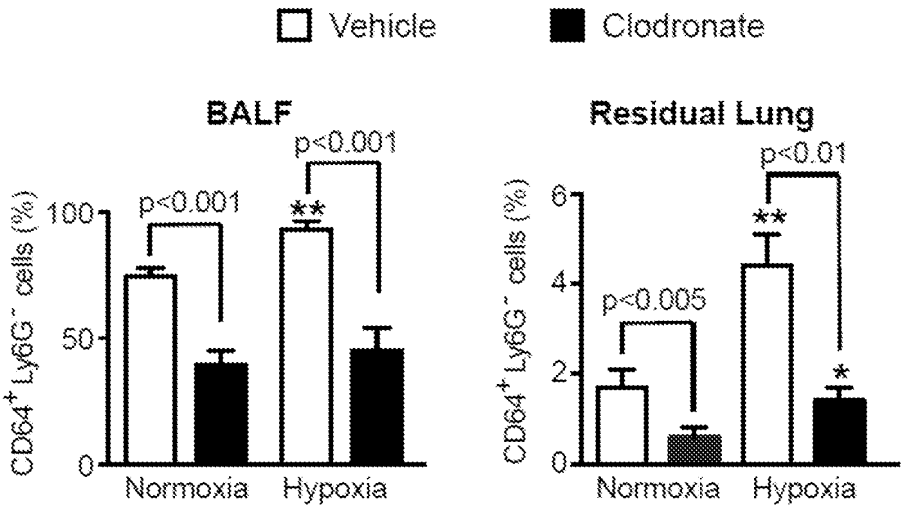


Fig. 1E

Fig. 1F

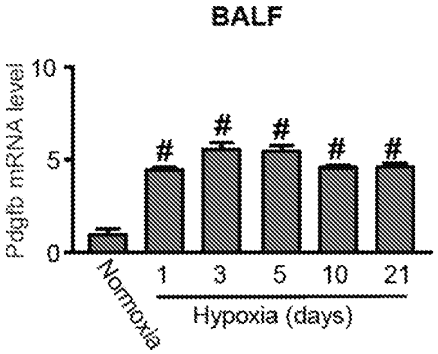


Fig. 2A

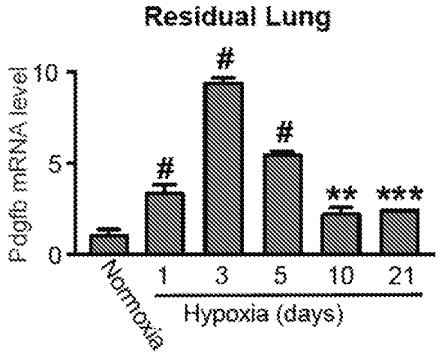


Fig. 2B

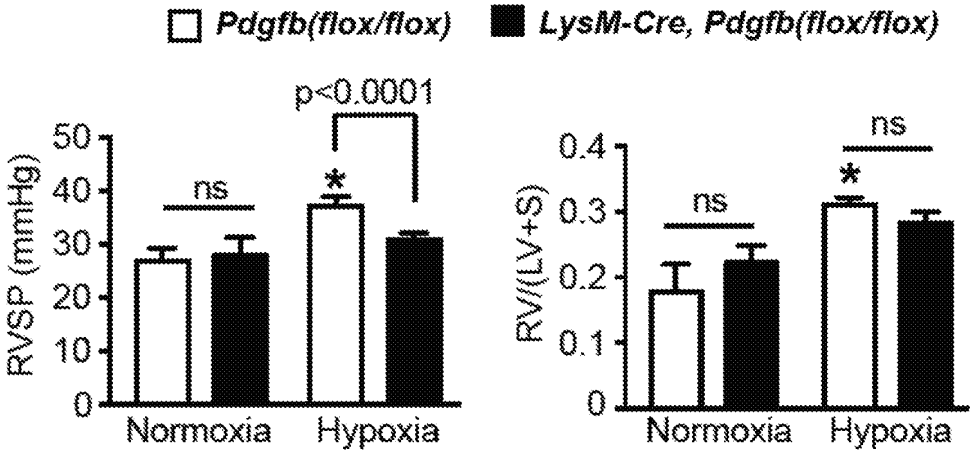


Fig. 2C

Fig. 2D

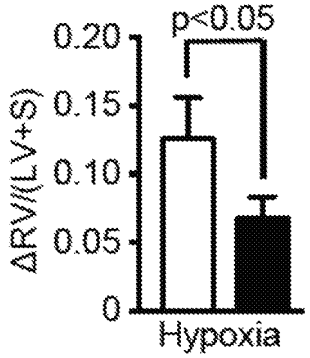


Fig. 2E

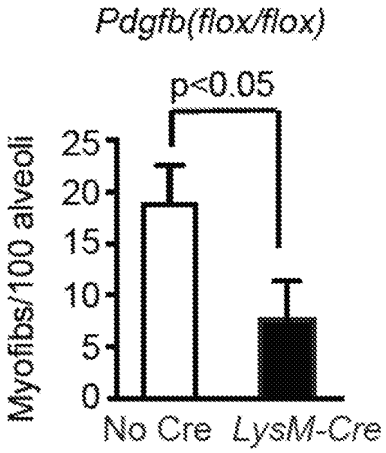


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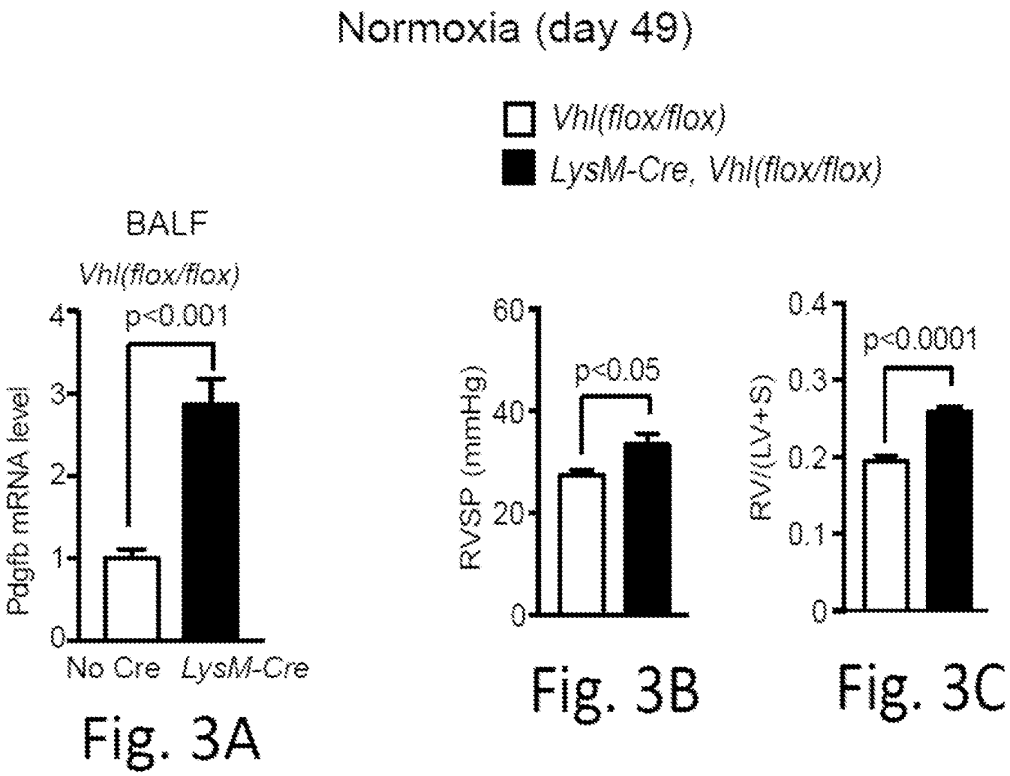


Fig. 3A

Fig. 3B

Fig. 3C

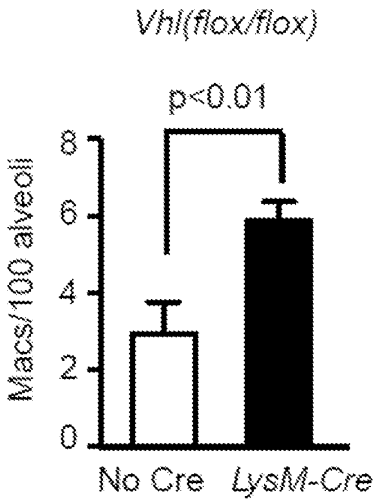


Fig. 3D

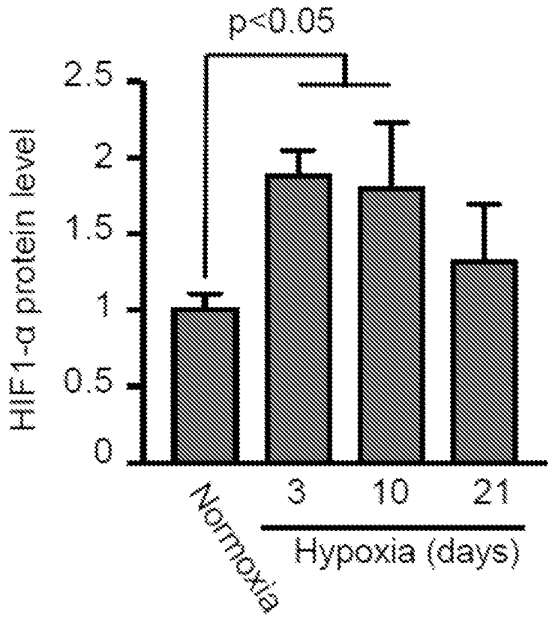


Fig. 4A

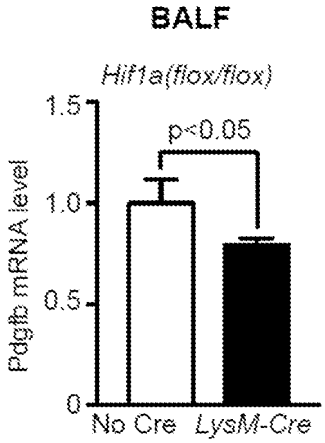


Fig. 4B

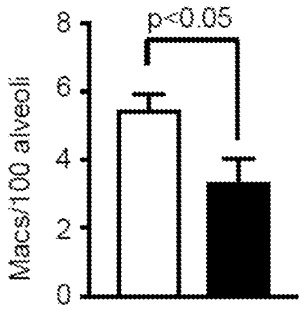


Fig. 4C

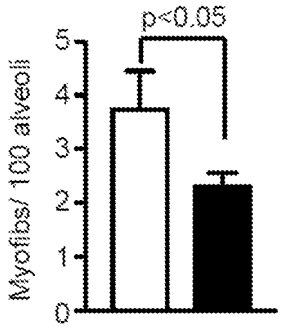


Fig. 4D





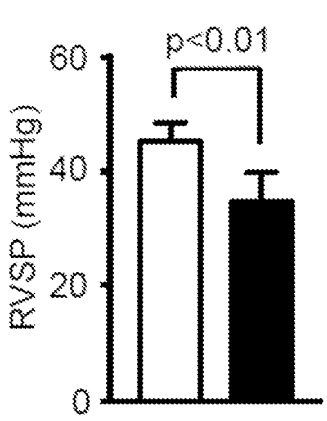


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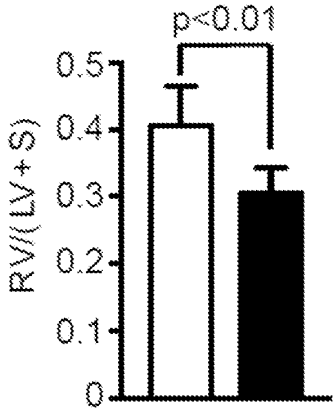


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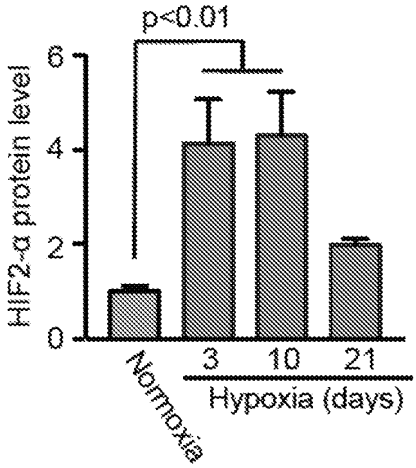


Fig. 5A

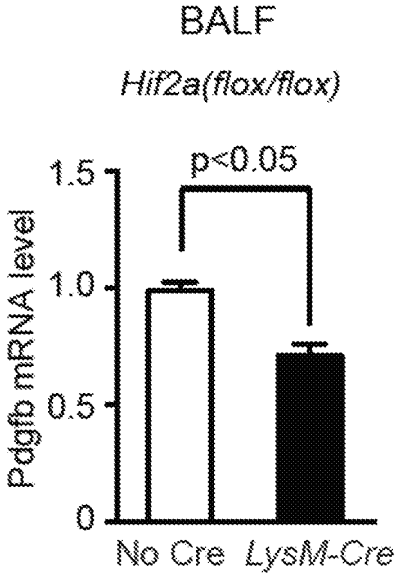
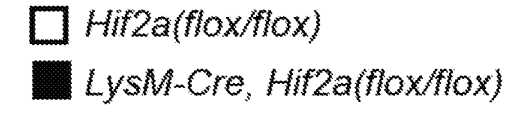


Fig. 5B



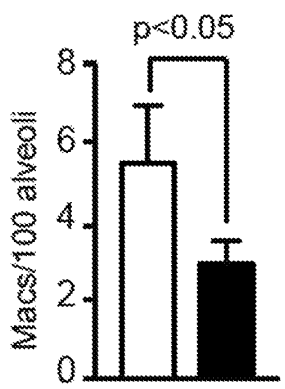


Fig. 5C

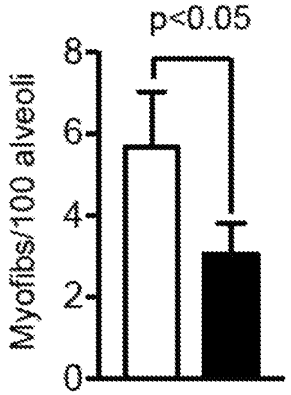
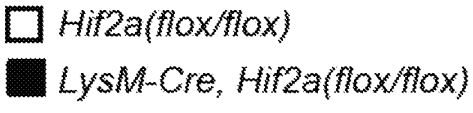


Fig. 5D



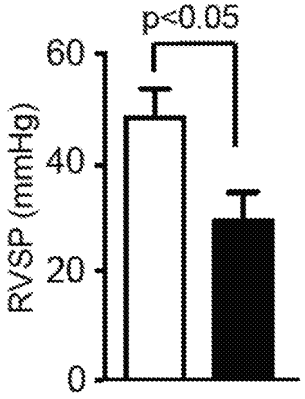


Fig. 5E

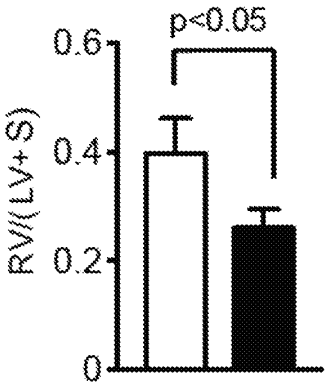


Fig. 5F

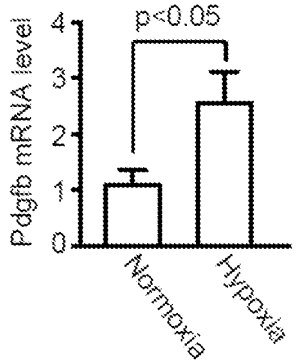


Fig 6A

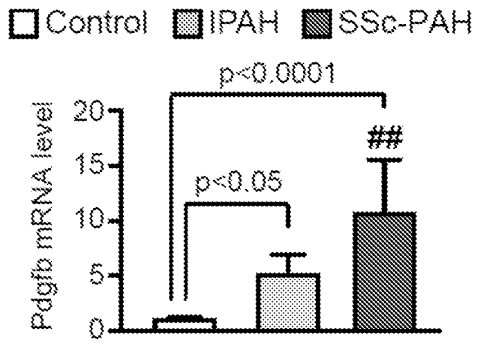


Fig. 6B

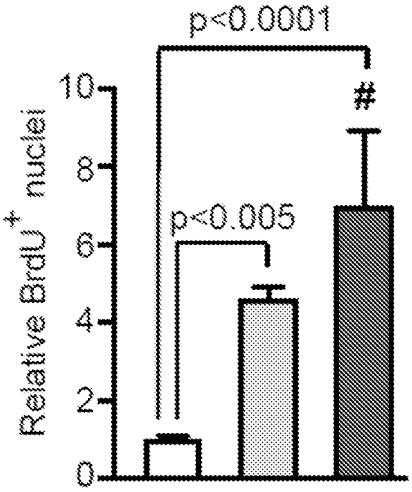


Fig. 6C

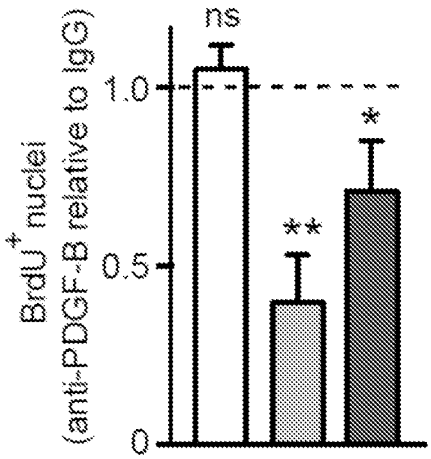


Fig. 6D

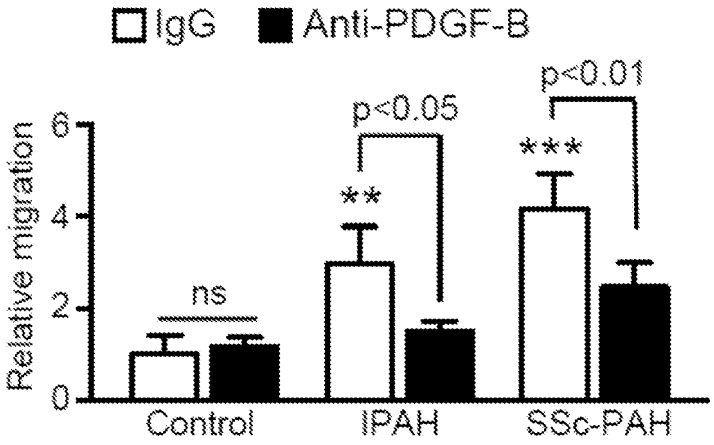


Fig. 6E

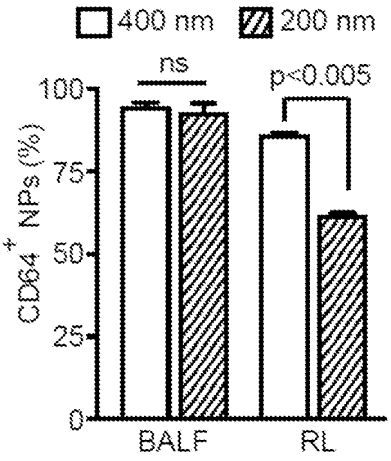


Fig. 7A

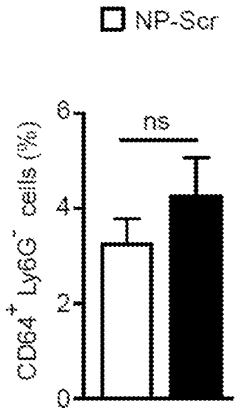


Fig. 7B

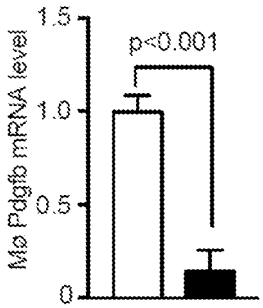


Fig. 7C

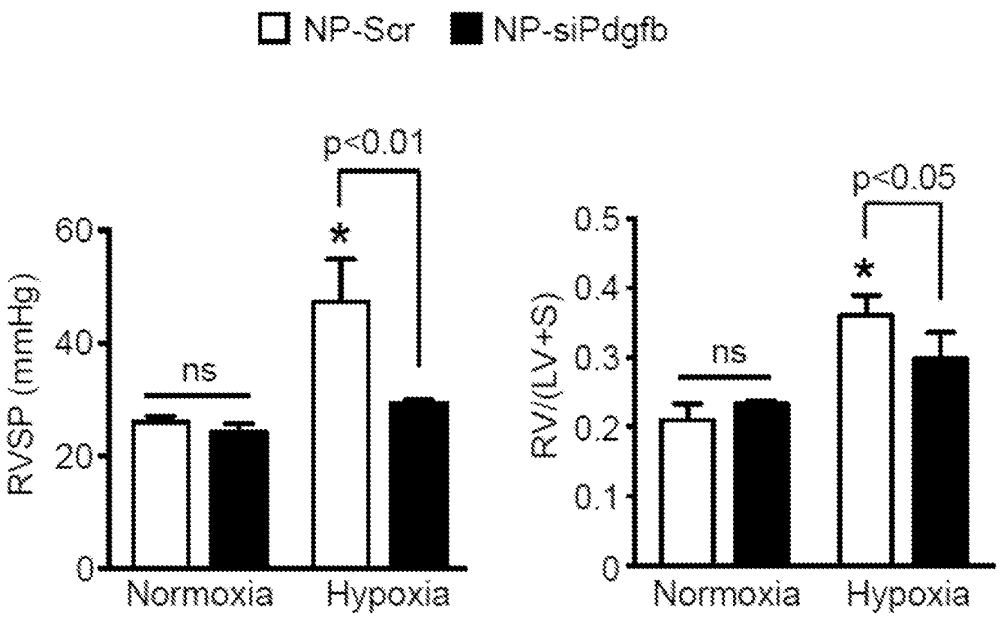


Fig. 7D

Fig. 7E

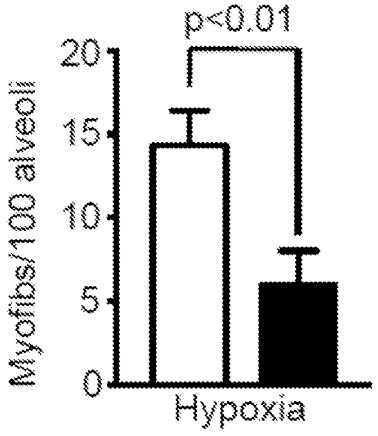


Fig. 7F

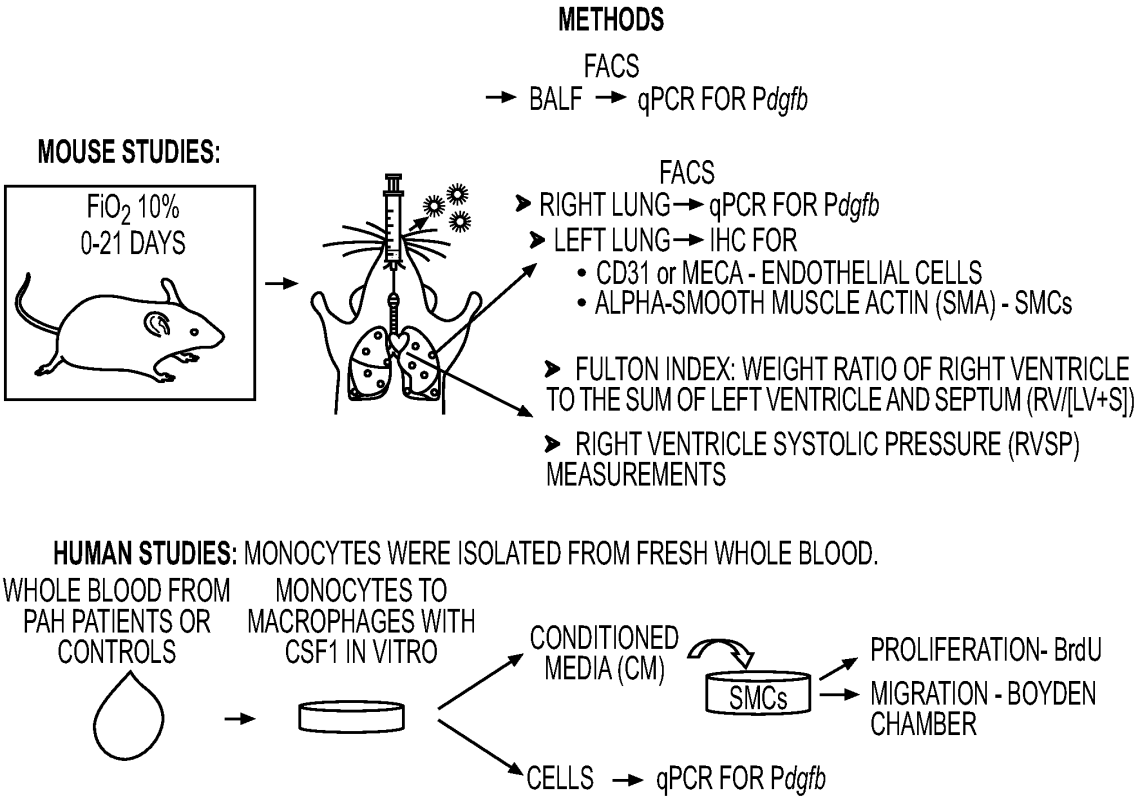

METHODS
FACS
BALF
qPCR FOR Pdgfb
MOUSE STUDIES:
FiO2 10%
0-21 DAYS
FACS
RIGHT LUNG
qPCR FOR Pdgfb
LEFT LUNG
IHC FOR
• CD31 or MECA - ENDOTHELIAL CELLS
• ALPHA-SMOOTH MUSCLE ACTIN (SMA) - SMCs
FULTON INDEX: WEIGHT RATIO OF RIGHT VENTRICLE TO THE SUM OF LEFT VENTRICLE AND SEPTUM (RV/[LV+S])
RIGHT VENTRICLE SYSTOLIC PRESSURE (RVSP) MEASUREMENTS
HUMAN STUDIES: MONOCYTES WERE ISOLATED FROM FRESH WHOLE BLOOD.
WHOLE BLOOD FROM PAH PATIENTS OR CONTROLS
MONOCYTES TO MACROPHAGES WITH CSF1 IN VITRO
CONDITIONED MEDIA (CM)
SMCs
PROLIFERATION- BrdU
MIGRATION - BOYDEN CHAMBER
CELLS
qPCR FOR Pdgfb

FIG. 8